

# *Common Warehouse Metamodel (CWM) Specification*

## *Volume 2. XML, IDL and DTD*

*Proposal to the OMG ADTF RFP:  
Common Warehouse Metadata Interchange (CWMI)*

### *Joint Submission*

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<i>International Business Machines Corporation</i>	<i>Oracle Corporation</i>
<i>Unisys Corporation</i>	<i>UBS AG</i>
<i>NCR</i>	<i>Genesis Development Corporation</i>
<i>Hyperion Solutions Corporation</i>	<i>Dimension EDI</i>

*Supported by:*

<i>Deere &amp; Company</i>	
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*OMG Document ad/99-09-02  
September 17, 1999*

*Initial Submission*

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This chapter contains the definitive CWM metamodel expressed in XML using the MOF Model document type as defined in the MOF 1.3 Specification. This is the normative metamodel used to define interfaces and XML document types.

Each outer package of CWM is defined in a separate XML document in its own section below. The first package, called CWM, combines all the other CWM packages to define a complete CWM metamodel. The other packages can also be used individually or in other combinations.

The CWM model refers to and extends the UML 1.3 model. The UML 1.3 Specification does not include an XML rendition of the UML packages, so the XML for UML is included at the end of this chapter so that links from the CWM XML can be interpreted. The UML packages are named Foundation, Model\_Management, and Behavioral\_Elements.

## 1.1 CWM.xml

```

<?xml version = '1.0' encoding = 'ISO-8859-1' ?>
<!DOCTYPE XMI SYSTEM 'Model.dtd'>
<XMI xmi.version='1.0'>
  <XMI.header>
    <XMI.metamodel xmi.name='org.omg.Mof.Model' xmi.version='1.3' />
  </XMI.header>
  <XMI.content>

    <!-- _____ -->
    <!-- -->
    <!-- Contents of Package: CWM -->
    <!-- -->
    <!-- _____ -->

    <Model.Package xmi.id='a3638F2C6005E'>
      <Model.ModelElement.name>CWM</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.GeneralizableElement.isRoot xmi.value='false' />
      <Model.GeneralizableElement.isLeaf xmi.value='false' />
      <Model.GeneralizableElement.isAbstract xmi.value='false' />
      <Model.GeneralizableElement.visibility xmi.value='public_vis' />
      <Model.Namespace.contents>

        <!-- _____ -->
        <!-- -->
        <!-- Imports -->
        <!-- -->
        <!-- _____ -->

        <Model.Import>
          <Model.ModelElement.name>Foundation</Model.ModelElement.name>
          <Model.ModelElement.annotation> </Model.ModelElement.annotation>
          <Model.Import.visibility xmi.value='public_vis' />
          <Model.Import.isClustered xmi.value='true' />
          <Model.Import.importedNamespace>
            <Model.Package xml:link='simple' href='Foundation.xml|a327A5A6D02DA' />
          </Model.Import.importedNamespace>
        </Model.Import>
        <Model.Import>
          <Model.ModelElement.name>Model_Management</Model.ModelElement.name>
          <Model.ModelElement.annotation> </Model.ModelElement.annotation>
          <Model.Import.visibility xmi.value='public_vis' />
          <Model.Import.isClustered xmi.value='true' />
          <Model.Import.importedNamespace>
            <Model.Package xml:link='simple' href='Model_Management.xml|a334ACE0C0028' />
          </Model.Import.importedNamespace>
        </Model.Import>
        <Model.Import>
          <Model.ModelElement.name>Behavioral_Elements</Model.ModelElement.name>
          <Model.ModelElement.annotation> </Model.ModelElement.annotation>
          <Model.Import.visibility xmi.value='public_vis' />
          <Model.Import.isClustered xmi.value='true' />
          <Model.Import.importedNamespace>
            <Model.Package xml:link='simple' href='Behavioral_Elements.xml|a327A5A8003B6' />
          </Model.Import.importedNamespace>
        </Model.Import>
        <Model.Import>
          <Model.ModelElement.name>CWMFoundation</Model.ModelElement.name>
          <Model.ModelElement.annotation> </Model.ModelElement.annotation>
          <Model.Import.visibility xmi.value='public_vis' />
          <Model.Import.isClustered xmi.value='true' />
          <Model.Import.importedNamespace>
            <Model.Package xml:link='simple' href='CWMFoundation.xml|a362E34450223' />
          </Model.Import.importedNamespace>
      </Model.Namespace.contents>
    </Model.Package>
  </XMI.content>
</XMI>

```

```

</Model.Import>
<Model.Import>
  <Model.ModelElement.name>RecordOriented</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Import.visibility xmi.value='public_vis' />
  <Model.Import.isClustered xmi.value='true' />
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='RecordOriented.xml|a35F6F41A0299' />
  </Model.Import.importedNamespace>
</Model.Import>
<Model.Import>
  <Model.ModelElement.name>Relational</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Import.visibility xmi.value='public_vis' />
  <Model.Import.isClustered xmi.value='true' />
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='Relational.xml|a362E34A201FF' />
  </Model.Import.importedNamespace>
</Model.Import>
<Model.Import>
  <Model.ModelElement.name>MDDDB</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Import.visibility xmi.value='public_vis' />
  <Model.Import.isClustered xmi.value='true' />
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='MDDDB.xml|a374EBFFB0357' />
  </Model.Import.importedNamespace>
</Model.Import>
<Model.Import>
  <Model.ModelElement.name>Olap</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Import.visibility xmi.value='public_vis' />
  <Model.Import.isClustered xmi.value='true' />
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='olap.xml|a365348E80125' />
  </Model.Import.importedNamespace>
</Model.Import>
<Model.Import>
  <Model.ModelElement.name>XML</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Import.visibility xmi.value='public_vis' />
  <Model.Import.isClustered xmi.value='true' />
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='XML.xml|a379CA3670197' />
  </Model.Import.importedNamespace>
</Model.Import>
<Model.Import>
  <Model.ModelElement.name>Transformation</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Import.visibility xmi.value='public_vis' />
  <Model.Import.isClustered xmi.value='true' />
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='Transformation.xml|a35E1B0B40042' />
  </Model.Import.importedNamespace>
</Model.Import>
<Model.Import>
  <Model.ModelElement.name>WarehouseDeployment</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Import.visibility xmi.value='public_vis' />
  <Model.Import.isClustered xmi.value='true' />
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='warehouseDeployment.xml|a3731C42F0314' />
  </Model.Import.importedNamespace>
</Model.Import>
<Model.Import>
  <Model.ModelElement.name>WarehouseOperation</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>

```

```

    <Model.Import.visibility xmi.value='public_vis' />
    <Model.Import.isClustered xmi.value='true' />
    <Model.Import.importedNamespace>
      <Model.Package xml:link='simple' href='warehouseOperation.xml|a37419FF7000C' />
    </Model.Import.importedNamespace>
  </Model.Import>
  <Model.Import>
    <Model.ModelElement.name>warehouseProcess</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Import.visibility xmi.value='public_vis' />
    <Model.Import.isClustered xmi.value='true' />
    <Model.Import.importedNamespace>
      <Model.Package xml:link='simple' href='warehouseProcess.xml|a357DC1E5015B' />
    </Model.Import.importedNamespace>
  </Model.Import>

  <!-- _____ -->
  <!-- _____ -->
  <!-- Tags _____ -->
  <!-- _____ -->
  <!-- _____ -->

  <Model.Tag>
    <Model.ModelElement.name>IDL Prefix</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Tag.tagId>org.omg.mof.idl_prefix</Model.Tag.tagId>
    <Model.Tag.values>
      <XMI.any xmi.type='string' xmi.name=''>org.omg.cwm</XMI.any>
    </Model.Tag.values>
    <Model.Tag.elements>
      <Model.Package xmi.idref='a3638F2C6005E' /> <!-- CWM -->
    </Model.Tag.elements>
  </Model.Tag>
</Model.Namespace.contents>
</Model.Package>
</XMI.content>
</XMI>

```

## 1.2 CWMFoundation.xml

```

<?xml version = '1.0' encoding = 'ISO-8859-1' ?>
<!DOCTYPE XMI SYSTEM 'Model.dtd'>
<XMI xmi.version='1.0'>
  <XMI.header>
    <XMI.metamodel xmi.name='org.omg.Mof.Model' xmi.version='1.3' />
  </XMI.header>
  <XMI.content>

    <!-- _____ -->
    <!-- _____ -->
    <!-- Contents of Package: CWMFoundation -->
    <!-- _____ -->
    <!-- _____ -->

    <Model.Package xmi.id='a362E34450223'>
      <Model.ModelElement.name>CWMFoundation</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.GeneralizableElement.isRoot xmi.value='false' />
      <Model.GeneralizableElement.isLeaf xmi.value='false' />
      <Model.GeneralizableElement.isAbstract xmi.value='false' />
      <Model.GeneralizableElement.visibility xmi.value='public_vis' />
      <Model.Namespace.contents>

        <!-- _____ -->
        <!-- _____ -->
        <!-- Contents of Class: QueryExpression -->
        <!-- _____ -->
        <!-- _____ -->

        <Model.Class xmi.id='a3702A52C0196'>
          <Model.ModelElement.name>QueryExpression</Model.ModelElement.name>
          <Model.ModelElement.annotation> </Model.ModelElement.annotation>
          <Model.GeneralizableElement.isRoot xmi.value='false' />
          <Model.GeneralizableElement.isLeaf xmi.value='false' />
          <Model.GeneralizableElement.isAbstract xmi.value='false' />
          <Model.GeneralizableElement.visibility xmi.value='public_vis' />
          <Model.Class.isSingleton xmi.value='false' />
          <Model.GeneralizableElement.supertypes>
            <Model.Class xml:link='simple' href='Foundation.xml#a363559050190' /> <!--
              Foundation.Data_Types.ProcedureExpression -->
          </Model.GeneralizableElement.supertypes>
        </Model.Class>

        <!-- _____ -->
        <!-- _____ -->
        <!-- Contents of Class: Union -->
        <!-- _____ -->
        <!-- _____ -->

        <Model.Class xmi.id='a3702894E0157'>
          <Model.ModelElement.name>Union</Model.ModelElement.name>
          <Model.ModelElement.annotation> </Model.ModelElement.annotation>
          <Model.GeneralizableElement.isRoot xmi.value='false' />
          <Model.GeneralizableElement.isLeaf xmi.value='false' />
          <Model.GeneralizableElement.isAbstract xmi.value='false' />
          <Model.GeneralizableElement.visibility xmi.value='public_vis' />
          <Model.Class.isSingleton xmi.value='false' />
          <Model.GeneralizableElement.supertypes>
            <Model.Class xml:link='simple' href='Foundation.xml#a3298A036025B' /> <!--
              Foundation.Core.DataType -->
          </Model.GeneralizableElement.supertypes>
          <Model.Namespace.contents>
            <Model.Reference>
              <Model.ModelElement.name>discriminator</Model.ModelElement.name>

```

```

<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.Feature.scope xmi.value='instance_level'/>
<Model.Feature.visibility xmi.value='public_vis'/>
<Model.StructuralFeature.multiplicity>
  <XMI.field>0</XMI.field>
  <XMI.field>1</XMI.field>
  <XMI.field>>false</XMI.field>
  <XMI.field>>false</XMI.field>
</Model.StructuralFeature.multiplicity>
<Model.StructuralFeature.isChangeable xmi.value='true'/>
<Model.TypedElement.type>
  <Model.Class xml:link='simple' href='Foundation.xml#a3298F1A403BF'/> <!--
    Foundation.Core.StructuralFeature -->
</Model.TypedElement.type>
<Model.Reference.referencedEnd>
  <Model.AssociationEnd xmi.idref='a375EF24C0382'/> <!--
    CWMFoundation.UnionDiscriminator.discriminator -->
</Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: UnionMember -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a37028B93006D'>
  <Model.ModelElement.name>UnionMember</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a327BA5E802E4'/> <!--
      Foundation.Core.Attribute -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a37028BB501E4'>
      <Model.ModelElement.name>memberCase</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'/>
      <Model.Attribute.isDerived xmi.value='false'/>
      <Model.TypedElement.type>
        <Model.DataType xml:link='simple' href='Foundation.xml#a33CFA00203A2'/> <!--
          Foundation.Data_Types.Expression -->
      </Model.TypedElement.type>
    </Model.Attribute>
    <Model.Attribute xmi.id='a37028BF600AB'>
      <Model.ModelElement.name>isDefault</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>

```

```

    <XMI.field>false</XMI.field>
    <XMI.field>false</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.Attribute.isDerived xmi.value='false'/>
  <Model.TypedElement.type>
    <Model.DataType xmi:link='simple' href='Foundation.xml#a33DD6F650276'/> <!--
      Foundation.Data_Types.Boolean -->
  </Model.TypedElement.type>
</Model.Attribute>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: TypeAlias _____ -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a3731C90A00AA'>
  <Model.ModelElement.name>TypeAlias</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi:link='simple' href='Foundation.xml#a3298A036025B'/> <!--
      Foundation.Core.DataType -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
      <Model.ModelElement.name>type</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>false</XMI.field>
        <XMI.field>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi:link='simple' href='Foundation.xml#a32989FB2023D'/> <!--
          Foundation.Core.Classifier -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a37600E51038D'/> <!--
          CWMFoundation.ClassifierAlias.type -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: ResponsibleParty _____ -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a364CD88902CE'>
  <Model.ModelElement.name>ResponsibleParty</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>

```

```

<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Class.isSingleton xmi.value='false'/>
<Model.GeneralizableElement.supertypes>
  <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC'/> <!--
    Foundation.Core.ModelElement -->
</Model.GeneralizableElement.supertypes>
<Model.Namespace.contents>
  <Model.Attribute xmi.id='a3731D43200BE'>
    <Model.ModelElement.name>responsibility</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
      <XMI.field>1</XMI.field>
      <XMI.field>1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.Attribute.isDerived xmi.value='false'/>
    <Model.TypedElement.type>
      <Model.DataType xml:link='simple' href='Foundation.xml#a33DD702401B8'/> <!--
        Foundation.Data_Types.String -->
    </Model.TypedElement.type>
  </Model.Attribute>
  <Model.Reference>
    <Model.ModelElement.name>element</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC'/> <!--
        Foundation.Core.ModelElement -->
    </Model.TypedElement.type>
  </Model.Reference.referencedEnd>
  <Model.AssociationEnd xmi.idref='a36BF70F2004C'/> <!--
    CWMFoundation.ModelElementResponsibility.element -->
  </Model.Reference.referencedEnd>
</Model.Reference>
  <Model.Reference>
    <Model.ModelElement.name>contact</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>true</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a3731D0010334'/> <!-- CWMFoundation.ContactInfo -->
    </Model.TypedElement.type>
  </Model.Reference.referencedEnd>
  <Model.AssociationEnd xmi.idref='a375FF96403A8'/> <!--
    CWMFoundation.ResponsiblePartyContact.contact -->
  </Model.Reference.referencedEnd>
</Model.Reference>

```

```

</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Telephone -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a3731CE29023A'>
  <Model.ModelElement.name>Telephone</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC' /> <!--
      Foundation.Core.ModelElement -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
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  <Model.AssociationEnd xmi.idref='a376ACE26012D' /> <!--
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    Foundation.Core.ModelElement -->
</Model.TypedElement.type>
<Model.Reference.referencedEnd>
  <Model.AssociationEnd xmi.idref='a375FFBE501A1'/> <!--
    CWMFoundation.ModelElementDescription.modelElement -->
</Model.Reference.referencedEnd>
</Model.Reference>
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</Model.Class>

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<!-- _____ -->
<!-- Contents of Class: DataTypeMapping -->
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<!-- _____ -->

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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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    <Model.Class xmi:link='simple' href='Foundation.xml#a327A5C7301CC'/> <!--
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  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
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          Foundation.Data_Types.Boolean -->
      </Model.TypedElement.type>
    </Model.Attribute>
    <Model.Reference>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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      <Model.Feature.visibility xmi.value='public_vis'/>
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          Foundation.Core.DataType -->
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    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

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    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a376831D20360' /> <!--
        CWMFoundation.UnderlyingTypeMap.underlyingType -->
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  </Model.Reference>
  <Model.Reference>
    <Model.ModelElement.name>exposedType</Model.ModelElement.name>
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    <Model.Feature.visibility xmi.value='public_vis' />
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      <Model.Class xmi:link='simple' href='Foundation.xml#a3298A036025B' /> <!--
        Foundation.Core.DataType -->
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    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a376832D500C0' /> <!--
        CWMFoundation.ExposedTypeMap.exposedType -->
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</Model.Namespace.contents>
</Model.Class>

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<!-- _____ -->
<!-- Contents of Class: UniqueKey -->
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<!-- _____ -->

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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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    <Model.Feature.visibility xmi.value='public_vis' />
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    <Model.StructuralFeature.isChangeable xmi.value='true' />
    <Model.TypedElement.type>
      <Model.Class xmi:link='simple' href='Foundation.xml#a3298F1A403BF' /> <!--
        Foundation.Core.StructuralFeature -->
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    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a376A881500D0' /> <!--
        CWMFoundation.UniqueFeature.feature -->

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</Model.Reference.referencedEnd>
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<Model.Reference>
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  <Model.Feature.visibility xmi.value='public_vis' />
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    <Model.AssociationEnd xmi.idref='a378B5B7300E6' /> <!--
      CWMFoundation.UniqueKeyClass.keyedClass -->
  </Model.Reference.referencedEnd>
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  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a378CB0CA0155' /> <!--
      CWMFoundation.UniqueKeyRelationship.keyRelationship -->
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<!-- _____ -->
<!-- Contents of Class: Index -->
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<!-- _____ -->

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</Model.Attribute>
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  <Model.Feature.visibility xmi.value='public_vis' />
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  <Model.StructuralFeature.isChangeable xmi.value='true' />
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      CWMFoundation.IndexSpansClass.span -->
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  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a377BD4CF01BF' /> <!--
      CWMFoundation.IndexedFeatureInfo.indexedFeature -->
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</Model.Reference>
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<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: KeyRelationship -->
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<Model.Class xmi.id='a376A8A6E00C0'>

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<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
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<Model.Namespace.contents>
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    <Model.Feature.visibility xmi.value='public_vis'/>
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    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xml:link='simple' href='Foundation.xml#a3298F1A403BF'/> <!--
        Foundation.Core.StructuralFeature -->
    </Model.TypedElement.type>
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        CWMFoundation.KeyRelationshipFeatures.referencingFeature -->
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  </Model.Reference>
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    <Model.Feature.visibility xmi.value='public_vis'/>
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        Foundation.Core.Class -->
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    <Model.AssociationEnd xmi.idref='a378CB0CA0050' /> <!--
      CWMFoundation.UniqueKeyRelationship.uniqueKey -->
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<!-- _____ -->
<!-- Contents of Class: Enumeration -->
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<Model.Class xmi.id='a376ACDB70218'>
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  <Model.GeneralizableElement.isAbstract xmi.value='false' />
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  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi:link='simple' href='Foundation.xml#a3298A036025B' /> <!--
      Foundation.Core.DataType -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
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      <Model.Feature.visibility xmi.value='public_vis' />
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      <Model.TypedElement.type>
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          Foundation.Data_Types.Boolean -->
      </Model.TypedElement.type>
    </Model.Attribute>
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      <Model.Feature.visibility xmi.value='public_vis' />
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      <Model.TypedElement.type>
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      </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a376ACE26013D' /> <!--
        CWMFoundation.EnumerationLiterals.literal -->
    </Model.Reference.referencedEnd>
  </Model.Reference>

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</Model.Namespace.contents>
</Model.Class>

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<!-- _____ -->
<!-- Contents of Class: IndexedFeature -->
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<Model.Class xmi.id='a377BD3F9017F'>
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  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
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  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC'/> <!--
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  </Model.GeneralizableElement.supertypes>
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      <Model.Attribute.isDerived xmi.value='false'/>
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        <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6F650276'/> <!--
          Foundation.Data_Types.Boolean -->
      </Model.TypedElement.type>
    </Model.Attribute>
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  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a377BD4CF01BE'/> <!--
      CWMFoundation.IndexedFeatureInfo.index -->
  </Model.Reference.referencedEnd>
</Model.Reference>
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  <Model.TypedElement.type>
    <Model.Class xml:link='simple' href='Foundation.xml#a3298F1A403BF'/> <!--
      Foundation.Core.StructuralFeature -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a377BD4D200C4'/> <!--
      CWMFoundation.IndexedFeatures.feature -->
  </Model.Reference.referencedEnd>
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<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: ExpressionNode -->
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<!-- _____ -->

<Model.Class xmi.id='a376A84310237'>
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  <Model.GeneralizableElement.isAbstract xmi.value='true'/>
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  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC'/> <!--
      Foundation.Core.ModelElement -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a378B618803DD'>
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      <Model.Attribute.isDerived xmi.value='false'/>
    </Model.Attribute>
  </Model.Namespace.contents>
</Model.Class>

```

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<Model.TypedElement.type>
  <Model.DataType xml:link='simple' href='Foundation.xml#a33CFA00203A2' /> <!--
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</Model.TypedElement.type>
</Model.Attribute>
<Model.Reference>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level' />
  <Model.Feature.visibility xmi.value='public_vis' />
  <Model.StructuralFeature.multiplicity>
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  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xml:link='simple' href='Foundation.xml#a32989FB2023D' /> <!--
      Foundation.Core.Classifier -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a378B6333007A' /> <!--
      CWMFoundation.ExpressionNodeClassifier.type -->
  </Model.Reference.referencedEnd>
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  <Model.Feature.visibility xmi.value='public_vis' />
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  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a376A84D70341' /> <!-- CWMFoundation.FeatureNode -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a378B7E0800C7' /> <!--
      CWMFoundation.OperationArguments.operationNode -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: ConstantNode -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a376A84C202B4'>
  <Model.ModelElement.name>ConstantNode</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a376A84310237' /> <!-- CWMFoundation.ExpressionNode -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>

```

```

<Model.Attribute xmi.id='a376A853C01E9'>
  <Model.ModelElement.name>value</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'>/>
  <Model.Feature.visibility xmi.value='public_vis'>/>
  <Model.StructuralFeature.multiplicity>
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    <XMI.field>1</XMI.field>
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  <Model.Attribute.isDerived xmi.value='false'>/>
  <Model.TypedElement.type>
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  </Model.TypedElement.type>
</Model.Attribute>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: ElementNode -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a376A84CD0321'>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Class.isSingleton xmi.value='false'>/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a376A84310237'>/> <!-- CWMFoundation.ExpressionNode -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'>/>
      <Model.Feature.visibility xmi.value='public_vis'>/>
      <Model.StructuralFeature.multiplicity>
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      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC'>/> <!--
          Foundation.Core.ModelElement -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a378B7D7303DA'>/> <!--
          CWMFoundation.ReferencedElement.element -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: FeatureNode -->
<!-- _____ -->
<!-- _____ -->

```

```

<Model.Class xmi.id='a376A84D70341'>
  <Model.ModelElement.name>FeatureNode</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a376A84310237' /> <!-- CWMFoundation.ExpressionNode -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
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      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
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          Foundation.Core.Feature -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a378B641503A0' /> <!--
          CWMFoundation.NodeFeature.feature -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
    <Model.Reference>
      <Model.ModelElement.name>argument</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
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      <Model.StructuralFeature.isChangeable xmi.value='true' />
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        <Model.Class xmi.idref='a376A84310237' /> <!-- CWMFoundation.ExpressionNode -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a378B7E0800A9' /> <!--
          CWMFoundation.OperationArguments.argument -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Document -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a378B694F014B'>
  <Model.ModelElement.name>Document</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />

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<Model.GeneralizableElement.isLeaf xmi.value='false'/>
<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Class.isSingleton xmi.value='false'/>
<Model.GeneralizableElement.supertypes>
  <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC'/> <!--
    Foundation.Core.ModelElement -->
</Model.GeneralizableElement.supertypes>
<Model.Namespace.contents>
  <Model.Attribute xmi.id='a378B695B033D'>
    <Model.ModelElement.name>reference</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
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    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.Attribute.isDerived xmi.value='false'/>
    <Model.TypedElement.type>
      <Model.DataType xml:link='simple' href='Foundation.xml#a33DD702401B8'/> <!--
        Foundation.Data_Types.String -->
    </Model.TypedElement.type>
  </Model.Attribute>
  <Model.Reference>
    <Model.ModelElement.name>element</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
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    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC'/> <!--
        Foundation.Core.ModelElement -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a379CCF31015E'/> <!--
        CWMFoundation.DocumentDescribes.element -->
    </Model.Reference.referencedEnd>
  </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of DataType: Any _____ -->
<!-- _____ -->
<!-- _____ -->

<Model.DataType xmi.id='a37AB1FF90221'>
  <Model.ModelElement.name>Any</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcAny/>

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    </XMI.CorbaTypeCode>
    </Model.DataType.typeCode>
  </Model.DataType>

  <!-- _____ -->
  <!-- -->
  <!-- Import to: Foundation -->
  <!-- -->
  <!-- _____ -->

  <Model.Import>
    <Model.ModelElement.name>Foundation</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Import.visibility xmi.value='public_vis' />
    <Model.Import.isClustered xmi.value='false' />
    <Model.Import.importedNamespace>
      <Model.Package xml:link='simple' href='Foundation.xml|a327A5A6D02DA' />
    </Model.Import.importedNamespace>
  </Model.Import>

  <!-- _____ -->
  <!-- -->
  <!-- Contents of Association: ModelElementResponsibility -->
  <!-- -->
  <!-- _____ -->

  <Model.Association xmi.id='a36BF70F100F5'>
    <Model.ModelElement.name>ModelElementResponsibility</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.GeneralizableElement.isRoot xmi.value='false' />
    <Model.GeneralizableElement.isLeaf xmi.value='false' />
    <Model.GeneralizableElement.isAbstract xmi.value='false' />
    <Model.GeneralizableElement.visibility xmi.value='public_vis' />
    <Model.Association.isDerived xmi.value='false' />
    <Model.Namespace.contents>
      <Model.AssociationEnd xmi.id='a36BF70F2004C'>
        <Model.ModelElement.name>element</Model.ModelElement.name>
        <Model.ModelElement.annotation> </Model.ModelElement.annotation>
        <Model.AssociationEnd.isNavigable xmi.value='true' />
        <Model.AssociationEnd.aggregation xmi.value='none' />
        <Model.AssociationEnd.multiplicity>
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        </Model.AssociationEnd.multiplicity>
        <Model.AssociationEnd.isChangeable xmi.value='true' />
        <Model.TypedElement.type>
          <Model.Class xml:link='simple' href='Foundation.xml|a327A5C7301CC' /> <!--
            Foundation.Core.ModelElement -->
        </Model.TypedElement.type>
      </Model.AssociationEnd>
      <Model.AssociationEnd xmi.id='a36BF70F200E3'>
        <Model.ModelElement.name>responsibleParty</Model.ModelElement.name>
        <Model.ModelElement.annotation> </Model.ModelElement.annotation>
        <Model.AssociationEnd.isNavigable xmi.value='true' />
        <Model.AssociationEnd.aggregation xmi.value='none' />
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        </Model.AssociationEnd.multiplicity>
        <Model.AssociationEnd.isChangeable xmi.value='true' />
        <Model.TypedElement.type>
          <Model.Class xmi.idref='a364CD88902CE' /> <!-- CWMFoundation.ResponsibleParty -->
        </Model.TypedElement.type>
      </Model.AssociationEnd>
    </Model.Namespace.contents>
  </Model.Association>

```

```

    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: UnionDiscriminator -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a375EF23A0209'>
  <Model.ModelElement.name>UnionDiscriminator</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a375EF24C0382'>
      <Model.ModelElement.name>discriminator</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
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      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xml:link='simple' href='Foundation.xml#a3298F1A403BF' /> <!--
          Foundation.Core.StructuralFeature -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a375EF24D0134'>
      <Model.ModelElement.name>discriminatedUnion</Model.ModelElement.name>
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      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
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      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3702894E0157' /> <!-- CWMFoundation.Union -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: ContactEmails -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a375FF71800FA'>
  <Model.ModelElement.name>ContactEmails</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
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```

<Model.GeneralizableElement.visibility xmi.value='public_vis'>
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  <Model.AssociationEnd xmi.id='a375FF71900F1'>
    <Model.ModelElement.name>contact</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'>
    <Model.AssociationEnd.aggregation xmi.value='none'>
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    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a3731D0010334'> <!-- CWMFoundation.ContactInfo -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a375FF7190105'>
    <Model.ModelElement.name>email</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'>
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    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a3731CEAE010E'> <!-- CWMFoundation.EmailID -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: ContactLocations -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a375FF71E0080'>
  <Model.ModelElement.name>ContactLocations</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>
  <Model.Association.isDerived xmi.value='false'>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a375FF71F008C'>
      <Model.ModelElement.name>contact</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>
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      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3731D0010334'> <!-- CWMFoundation.ContactInfo -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

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    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a375FF71F00AA'>
    <Model.ModelElement.name>location</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true' />
    <Model.AssociationEnd.aggregation xmi.value='none' />
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    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true' />
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a3731CF0A02C6' /> <!-- CWMFoundation.Location -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: ContactTelephones -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a375FF72200C2'>
  <Model.ModelElement.name>ContactTelephones</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a375FF7230376'>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
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      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3731D0010334' /> <!-- CWMFoundation.ContactInfo -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
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      <Model.AssociationEnd.aggregation xmi.value='none' />
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      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3731CE29023A' /> <!-- CWMFoundation.Telephone -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

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    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: ResponsiblePartyContact -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a375FF96101F5'>
  <Model.ModelElement.name>ResponsiblePartyContact</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a375FF96403A8'>
      <Model.ModelElement.name>contact</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>true</XMI.field>
        <XMI.field>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3731D0010334' /> <!-- CWMFoundation.ContactInfo -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a375FF96403BC'>
      <Model.ModelElement.name>responsibleParty</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>false</XMI.field>
        <XMI.field>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a364CD88902CE' /> <!-- CWMFoundation.ResponsibleParty -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: ModelElementDescription -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a375FFBDD0254'>
  <Model.ModelElement.name>ModelElementDescription</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />

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<Model.Association.isDerived xmi.value='false'/>
<Model.Namespace.contents>
  <Model.AssociationEnd xmi.id='a375FFBE501A1'>
    <Model.ModelElement.name>modelElement</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='none'/>
    <Model.AssociationEnd.multiplicity>
      <XMI.field>1</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC'/> <!--
        Foundation.Core.ModelElement -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a375FFBE601D5'>
    <Model.ModelElement.name>description</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='none'/>
    <Model.AssociationEnd.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a375FF5A2008E'/> <!-- CWMFoundation.Description -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: ClassifierAlias -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a37600E4B009F'>
  <Model.ModelElement.name>ClassifierAlias</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a37600E51038D'>
      <Model.ModelElement.name>type</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xml:link='simple' href='Foundation.xml#a32989FB2023D'/> <!--

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        Foundation.Core.Classifier -->
    </Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a37600E5302AA'>
    <Model.ModelElement.name>alias</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true' />
    <Model.AssociationEnd.aggregation xmi.value='none' />
    <Model.AssociationEnd.multiplicity>
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        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true' />
    <Model.TypedElement.type>
        <Model.Class xmi.idref='a3731c90A00AA' /> <!-- CWMFoundation.TypeAlias -->
    </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: UnderlyingTypeMap -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a376831D003CD'>
    <Model.ModelElement.name>UnderlyingTypeMap</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.GeneralizableElement.isRoot xmi.value='false' />
    <Model.GeneralizableElement.isLeaf xmi.value='false' />
    <Model.GeneralizableElement.isAbstract xmi.value='false' />
    <Model.GeneralizableElement.visibility xmi.value='public_vis' />
    <Model.Association.isDerived xmi.value='false' />
    <Model.Namespace.contents>
        <Model.AssociationEnd xmi.id='a376831D20360'>
            <Model.ModelElement.name>underlyingType</Model.ModelElement.name>
            <Model.ModelElement.annotation> </Model.ModelElement.annotation>
            <Model.AssociationEnd.isNavigable xmi.value='true' />
            <Model.AssociationEnd.aggregation xmi.value='none' />
            <Model.AssociationEnd.multiplicity>
                <XMI.field>1</XMI.field>
                <XMI.field>1</XMI.field>
                <XMI.field>>false</XMI.field>
                <XMI.field>>false</XMI.field>
            </Model.AssociationEnd.multiplicity>
            <Model.AssociationEnd.isChangeable xmi.value='true' />
            <Model.TypedElement.type>
                <Model.Class xml:link='simple' href='Foundation.xml#a3298A036025B' /> <!--
                    Foundation.Core.DataType -->
            </Model.TypedElement.type>
        </Model.AssociationEnd>
        <Model.AssociationEnd xmi.id='a376831D203BE'>
            <Model.ModelElement.name>underlyingMap</Model.ModelElement.name>
            <Model.ModelElement.annotation> </Model.ModelElement.annotation>
            <Model.AssociationEnd.isNavigable xmi.value='true' />
            <Model.AssociationEnd.aggregation xmi.value='none' />
            <Model.AssociationEnd.multiplicity>
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                <XMI.field>-1</XMI.field>
                <XMI.field>>false</XMI.field>
                <XMI.field>true</XMI.field>
            </Model.AssociationEnd.multiplicity>
            <Model.AssociationEnd.isChangeable xmi.value='true' />
            <Model.TypedElement.type>

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    <Model.Class xmi.idref='a37682F1A02F3'/> <!-- CWMFoundation.DataTypeMapping -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: ExposedTypeMap -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a376832D20370'>
  <Model.ModelElement.name>ExposedTypeMap</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a376832D500C0'>
      <Model.ModelElement.name>exposedType</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi:link='simple' href='Foundation.xml#a3298A036025B'/> <!--
          Foundation.Core.DataType -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a376832D500DF'>
      <Model.ModelElement.name>exposedMap</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a37682F1A02F3'/> <!-- CWMFoundation.DataTypeMapping -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: UniqueFeature -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a376A881400FF'>
  <Model.ModelElement.name>UniqueFeature</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>

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<Model.GeneralizableElement.isLeaf xmi.value='false'/>
<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Association.isDerived xmi.value='false'/>
<Model.Namespace.contents>
  <Model.AssociationEnd xmi.id='a376A881500D0'>
    <Model.ModelElement.name>feature</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='none'/>
    <Model.AssociationEnd.multiplicity>
      <XMI.field>1</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>true</XMI.field>
      <XMI.field>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi:link='simple' href='Foundation.xml#a3298F1A403BF'/> <!--
        Foundation.Core.StructuralFeature -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a376A881500DF'>
    <Model.ModelElement.name>uniqueKey</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='none'/>
    <Model.AssociationEnd.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi:idref='a376A879E0072'/> <!-- CWMFoundation.UniqueKey -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: KeyRelationshipFeatures -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a376A8B1D0024'>
  <Model.ModelElement.name>KeyRelationshipFeatures</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a376A8B1E0285'>
      <Model.ModelElement.name>referencingFeature</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>true</XMI.field>
        <XMI.field>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

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    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xml:link='simple' href='Foundation.xml#a3298F1A403BF'/> <!--
        Foundation.Core.StructuralFeature -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a376A8B1E0295'>
    <Model.ModelElement.name>keyRelationship</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='none'/>
    <Model.AssociationEnd.multiplicity>
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      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a376A8A6E00C0'/> <!-- CWMFoundation.KeyRelationship -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: EnumerationLiterals -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a376ACE250227'>
  <Model.ModelElement.name>EnumerationLiterals</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a376ACE26012D'>
      <Model.ModelElement.name>enumeration</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='composite'/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a376ACDB70218'/> <!-- CWMFoundation.Enumeration -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a376ACE26013D'>
      <Model.ModelElement.name>literal</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>true</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
  </Model.Namespace.contents>
</Model.Association>

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    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a375EF35D035C'/> <!-- CWMFoundation EnumerationLiteral -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: IndexSpansClass -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a377BAB8402B8'>
  <Model.ModelElement.name>IndexSpansClass</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='true'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a377BAB8800F3'>
      <Model.ModelElement.name>span</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xml:link='simple' href='Foundation.xml#a3298A02900FE'/> <!--
          Foundation.Core.Class -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a377BAB880131'>
      <Model.ModelElement.name>index</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a376A89040331'/> <!-- CWMFoundation.Index -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: KeyRelationshipClass -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a377BAD4F00F3'>
  <Model.ModelElement.name>KeyRelationshipClass</Model.ModelElement.name>

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<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.GeneralizableElement.isRoot xmi.value='false' />
<Model.GeneralizableElement.isLeaf xmi.value='false' />
<Model.GeneralizableElement.isAbstract xmi.value='false' />
<Model.GeneralizableElement.visibility xmi.value='public_vis' />
<Model.Association.isDerived xmi.value='true' />
<Model.Namespace.contents>
  <Model.AssociationEnd xmi.id='a377BAD510335'>
    <Model.ModelElement.name>referencingClass</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true' />
    <Model.AssociationEnd.aggregation xmi.value='none' />
    <Model.AssociationEnd.multiplicity>
      <XMI.field>1</XMI.field>
      <XMI.field>1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>false</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true' />
    <Model.TypedElement.type>
      <Model.Class xmi:link='simple' href='Foundation.xml#a3298A02900FE' /> <!--
        Foundation.Core.Class -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a377BAD510364'>
    <Model.ModelElement.name>keyRelationship</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true' />
    <Model.AssociationEnd.aggregation xmi.value='none' />
    <Model.AssociationEnd.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true' />
    <Model.TypedElement.type>
      <Model.Class xmi:idref='a376A8A6E00C0' /> <!-- CWMFoundation.KeyRelationship -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: IndexedFeatureInfo -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a377BD4CE0344'>
  <Model.ModelElement.name>IndexedFeatureInfo</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a377BD4CF01BE'>
      <Model.ModelElement.name>index</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='composite' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

```

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    <XMI.field>false</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a376A89040331' /> <!-- CWMFoundation.Index -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a377BD4CF01BF'>
  <Model.ModelElement.name>indexedFeature</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true' />
  <Model.AssociationEnd.aggregation xmi.value='none' />
  <Model.AssociationEnd.multiplicity>
    <XMI.field>1</XMI.field>
    <XMI.field>-1</XMI.field>
    <XMI.field>true</XMI.field>
    <XMI.field>true</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a377BD3F9017F' /> <!-- CWMFoundation.IndexedFeature -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: IndexedFeatures -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a377BD4D102F6'>
  <Model.ModelElement.name>IndexedFeatures</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a377BD4D200C4'>
      <Model.ModelElement.name>feature</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xml:link='simple' href='Foundation.xml#a3298F1A403BF' /> <!--
          Foundation.Core.StructuralFeature -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a377BD4D200D3'>
      <Model.ModelElement.name>indexedFeature</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>

```

```

    <XMI.field>true</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a377BD3F9017F' /> <!-- CWMFoundation.IndexedFeature -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: UniqueKeyClass -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a378B5B720170'>
  <Model.ModelElement.name>UniqueKeyClass</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='true' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a378B5B7300E6'>
      <Model.ModelElement.name>keyedClass</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xml:link='simple' href='Foundation.xml#a3298A02900FE' /> <!--
          Foundation.Core.Class -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a378B5B7302BC'>
      <Model.ModelElement.name>uniqueKey</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a376A879E0072' /> <!-- CWMFoundation.UniqueKey -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: ExpressionNodeClassifier -->
<!-- _____ -->
<!-- _____ -->

```

```

<Model.Association xmi.id='a378B632C0215'>
  <Model.ModelElement.name>ExpressionNodeClassifier</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a378B6333007A'>
      <Model.ModelElement.name>type</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='none'>/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xml:link='simple' href='Foundation.xml#a32989FB2023D'>/> <!--
          Foundation.Core.Classifier -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a378B63340112'>
      <Model.ModelElement.name>expressionNode</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='none'>/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a376A84310237'>/> <!-- CWMFoundation.ExpressionNode -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: NodeFeature -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a378B6414002E'>
  <Model.ModelElement.name>NodeFeature</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a378B641503A0'>
      <Model.ModelElement.name>feature</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='none'>/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>

```

```

    <XMI.field>1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>false</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'>
  <Model.TypedElement.type>
    <Model.Class xmi:link='simple' href='Foundation.xml#a32989F9700FE'> <!--
      Foundation.Core.Feature -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a378B64160081'>
    <Model.ModelElement.name>featureNode</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'>
    <Model.AssociationEnd.aggregation xmi.value='none'>
    <Model.AssociationEnd.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'>
    <Model.TypedElement.type>
      <Model.Class xmi:idref='a376A84D70341'> <!-- CWMFoundation.FeatureNode -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: ReferencedElement -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a378B7D6C02F4'>
  <Model.ModelElement.name>ReferencedElement</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>
  <Model.Association.isDerived xmi.value='false'>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a378B7D7303DA'>
      <Model.ModelElement.name>element</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>
      <Model.AssociationEnd.aggregation xmi.value='none'>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>
      <Model.TypedElement.type>
        <Model.Class xmi:link='simple' href='Foundation.xml#a327A5C7301CC'> <!--
          Foundation.Core.ModelElement -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a378B7D75030B'>
      <Model.ModelElement.name>elementNode</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>
      <Model.AssociationEnd.aggregation xmi.value='none'>
      <Model.AssociationEnd.multiplicity>

```

```

    <XMI.field>0</XMI.field>
    <XMI.field>-1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>true</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a376A84CD0321' /> <!-- CWMFoundation.ElementNode -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: OperationArguments -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a378B7E050131'>
  <Model.ModelElement.name>OperationArguments</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a378B7E0800A9'>
      <Model.ModelElement.name>argument</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>true</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a376A84310237' /> <!-- CWMFoundation.ExpressionNode -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a378B7E0800c7'>
      <Model.ModelElement.name>operationNode</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='composite' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a376A84D70341' /> <!-- CWMFoundation.FeatureNode -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: UniqueKeyRelationship -->
<!-- _____ -->

```

```

<!-- _____ -->

<Model.Association xmi.id='a378CB0C802C4'>
  <Model.ModelElement.name>UniqueKeyRelationship</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a378CB0CA0050'>
      <Model.ModelElement.name>uniqueKey</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='none'>/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a376A879E0072'>/> <!-- CWMFoundation.UniqueKey -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a378CB0CA0155'>
      <Model.ModelElement.name>keyRelationship</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='none'>/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a376A8A6E00C0'>/> <!-- CWMFoundation.KeyRelationship -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: DocumentDescribes -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a379CCF280239'>
  <Model.ModelElement.name>DocumentDescribes</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a379CCF31015E'>
      <Model.ModelElement.name>element</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='none'>/>
      <Model.AssociationEnd.multiplicity>

```

```

    <XMI.field>0</XMI.field>
    <XMI.field>-1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>true</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC' /> <!--
      Foundation.Core.ModelElement -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a379CCF3102B6'>
  <Model.ModelElement.name>document</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true' />
  <Model.AssociationEnd.aggregation xmi.value='none' />
  <Model.AssociationEnd.multiplicity>
    <XMI.field>0</XMI.field>
    <XMI.field>-1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>true</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a378B694F014B' /> <!-- CWMFoundation.Document -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Tags _____ -->
<!-- _____ -->
<!-- _____ -->

<Model.Tag>
  <Model.ModelElement.name>IDL Name for KeyRelationshipClass</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Tag.tagId>org.omg.mof.idl_substitute_name</Model.Tag.tagId>
  <Model.Tag.values>
    <XMI.any xmi.type='string' xmi.name=''>KeyRelationshipToClass</XMI.any>
  </Model.Tag.values>
  <Model.Tag.elements>
    <Model.Association xmi.idref='a377BAD4F00F3' /> <!-- CWMFoundation.KeyRelationshipClass
      -->
  </Model.Tag.elements>
</Model.Tag>
<Model.Tag>
  <Model.ModelElement.name>IDL Name for UniqueKeyClass</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Tag.tagId>org.omg.mof.idl_substitute_name</Model.Tag.tagId>
  <Model.Tag.values>
    <XMI.any xmi.type='string' xmi.name=''>UniqueKeyToClass</XMI.any>
  </Model.Tag.values>
  <Model.Tag.elements>
    <Model.Association xmi.idref='a378B5B720170' /> <!-- CWMFoundation.UniqueKeyClass -->
  </Model.Tag.elements>
</Model.Tag>
<Model.Tag>
  <Model.ModelElement.name>IDL Name for Union</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Tag.tagId>org.omg.mof.idl_substitute_name</Model.Tag.tagId>
  <Model.Tag.values>
    <XMI.any xmi.type='string' xmi.name=''>UnionType</XMI.any>
  </Model.Tag.values>
  <Model.Tag.elements>

```

```
    <Model.Association xmi.idref='a3702894E0157' /> <!-- CWMFoundation.Union -->
  </Model.Tag.elements>
</Model.Tag>
<Model.Tag>
  <Model.ModelElement.name>IDL Prefix</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Tag.tagId>org.omg.mof.idl_prefix</Model.Tag.tagId>
  <Model.Tag.values>
    <XMI.any xmi.type='string' xmi.name=''>org.omg.cwm</XMI.any>
  </Model.Tag.values>
  <Model.Tag.elements>
    <Model.Package xmi.idref='a362E34450223' /> <!-- CWMFoundation -->
  </Model.Tag.elements>
</Model.Tag>
</Model.Namespace.contents>
</Model.Package>
</XMI.content>
</XMI>
```

### 1.3 RecordOriented.xml

```

<?xml version = '1.0' encoding = 'ISO-8859-1' ?>
<!DOCTYPE XMI SYSTEM 'Model.dtd'>
<XMI xmi.version='1.0'>
  <XMI.header>
    <XMI.metamodel xmi.name='org.omg.Mof.Model' xmi.version='1.3' />
  </XMI.header>
  <XMI.content>

    <!-- _____ -->
    <!-- _____ -->
    <!-- Contents of Package: RecordOriented -->
    <!-- _____ -->
    <!-- _____ -->

    <Model.Package xmi.id='a35F6F41A0299'>
      <Model.ModelElement.name>RecordOriented</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.GeneralizableElement.isRoot xmi.value='false' />
      <Model.GeneralizableElement.isLeaf xmi.value='false' />
      <Model.GeneralizableElement.isAbstract xmi.value='false' />
      <Model.GeneralizableElement.visibility xmi.value='public_vis' />
      <Model.Namespace.contents>

        <!-- _____ -->
        <!-- _____ -->
        <!-- Contents of Class: Field -->
        <!-- _____ -->
        <!-- _____ -->

        <Model.Class xmi.id='a3730B40B002A'>
          <Model.ModelElement.name>Field</Model.ModelElement.name>
          <Model.ModelElement.annotation> </Model.ModelElement.annotation>
          <Model.GeneralizableElement.isRoot xmi.value='false' />
          <Model.GeneralizableElement.isLeaf xmi.value='false' />
          <Model.GeneralizableElement.isAbstract xmi.value='false' />
          <Model.GeneralizableElement.visibility xmi.value='public_vis' />
          <Model.Class.isSingleton xmi.value='false' />
          <Model.GeneralizableElement.supertypes>
            <Model.Class xml:link='simple' href='Foundation.xml#a327BA5E802E4' /> <!--
              Foundation.Core.Attribute -->
          </Model.GeneralizableElement.supertypes>
          <Model.Namespace.contents>
            <Model.Reference>
              <Model.ModelElement.name>valueCondition</Model.ModelElement.name>
              <Model.ModelElement.annotation> </Model.ModelElement.annotation>
              <Model.Feature.scope xmi.value='instance_level' />
              <Model.Feature.visibility xmi.value='public_vis' />
              <Model.StructuralFeature.multiplicity>
                <XMI.field>0</XMI.field>
                <XMI.field>-1</XMI.field>
                <XMI.field>>false</XMI.field>
                <XMI.field>true</XMI.field>
              </Model.StructuralFeature.multiplicity>
              <Model.StructuralFeature.isChangeable xmi.value='true' />
              <Model.TypedElement.type>
                <Model.Class xmi.idref='a376969DD018B' /> <!-- RecordOriented.FieldValueCondition -->
              </Model.TypedElement.type>
              <Model.Reference.referencedEnd>
                <Model.AssociationEnd xmi.idref='a37696A5E016C' /> <!--
                  RecordOriented.FieldValueConditions.valueCondition -->
              </Model.Reference.referencedEnd>
            </Model.Reference>
          </Model.Namespace.contents>
        </Model.Class>
      </Model.Namespace.contents>
    </Model.Package>
  </XMI.content>
</XMI>

```

```

<!-- _____ -->
<!-- -->
<!-- Contents of Class: Record -->
<!-- -->
<!-- _____ -->

<Model.Class xmi.id='a3731BA330352'>
  <Model.ModelElement.name>Record</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a3298A02900FE' /> <!--
      Foundation.Core.Class -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a3768142100EF'>
      <Model.ModelElement.name>fieldDelimiter</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.Attribute.isDerived xmi.value='false' />
      <Model.TypedElement.type>
        <Model.DataType xml:link='simple' href='Foundation.xml#a33DD702401B8' /> <!--
          Foundation.Data_Types.String -->
      </Model.TypedElement.type>
    </Model.Attribute>
    <Model.Attribute xmi.id='a3768142B011E'>
      <Model.ModelElement.name>recordDelimiter</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.Attribute.isDerived xmi.value='false' />
      <Model.TypedElement.type>
        <Model.DataType xml:link='simple' href='Foundation.xml#a33DD702401B8' /> <!--
          Foundation.Data_Types.String -->
      </Model.TypedElement.type>
    </Model.Attribute>
    <Model.Attribute xmi.id='a3768181C0285'>
      <Model.ModelElement.name>isFixedWidth</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>

```

```

<Model.StructuralFeature.isChangeable xmi.value='true'/>
<Model.Attribute.isDerived xmi.value='false'/>
<Model.TypedElement.type>
  <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6F650276'/> <!--
    Foundation.Data_Types.Boolean -->
</Model.TypedElement.type>
</Model.Attribute>
<Model.Attribute xmi.id='a3768184E02E3'>
  <Model.ModelElement.name>isSelfDescribing</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
    <XMI.field>1</XMI.field>
    <XMI.field>1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>false</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.Attribute.isDerived xmi.value='false'/>
  <Model.TypedElement.type>
    <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6F650276'/> <!--
      Foundation.Data_Types.Boolean -->
  </Model.TypedElement.type>
</Model.Attribute>
<Model.Attribute xmi.id='a3768185900DF'>
  <Model.ModelElement.name>skipRecords</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
    <XMI.field>1</XMI.field>
    <XMI.field>1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>false</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.Attribute.isDerived xmi.value='false'/>
  <Model.TypedElement.type>
    <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6FD7021C'/> <!--
      Foundation.Data_Types.Integer -->
  </Model.TypedElement.type>
</Model.Attribute>
<Model.Attribute xmi.id='a37681F5E01F9'>
  <Model.ModelElement.name>textDelimiter</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
    <XMI.field>1</XMI.field>
    <XMI.field>1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>false</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.Attribute.isDerived xmi.value='false'/>
  <Model.TypedElement.type>
    <Model.DataType xml:link='simple' href='Foundation.xml#a33DD702401B8'/> <!--
      Foundation.Data_Types.String -->
  </Model.TypedElement.type>
</Model.Attribute>
<Model.Attribute xmi.id='a379CE4A20257'>
  <Model.ModelElement.name>formatName</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>

```

```

    <XMI.field>1</XMI.field>
    <XMI.field>1</XMI.field>
    <XMI.field>false</XMI.field>
    <XMI.field>false</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.Attribute.isDerived xmi.value='false' />
  <Model.TypedElement.type>
    <Model.DataType xml:link='simple' href='Foundation.xml#a33DD702401B8' /> <!--
      Foundation.Data_Types.String -->
  </Model.TypedElement.type>
</Model.Attribute>
<Model.Reference>
  <Model.ModelElement.name>file</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level' />
  <Model.Feature.visibility xmi.value='public_vis' />
  <Model.StructuralFeature.multiplicity>
    <XMI.field>0</XMI.field>
    <XMI.field>-1</XMI.field>
    <XMI.field>false</XMI.field>
    <XMI.field>true</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a379CDD470029' /> <!-- RecordOriented.RecordFile -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a379CDDC80100' /> <!--
      RecordOriented.RecordToFile.file -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Group -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a3768108E00DF'>
  <Model.ModelElement.name>Group</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a3298A036025B' /> <!--
      Foundation.Core.DataType -->
    <Model.Class xml:link='simple' href='Foundation.xml#a32989FB2023D' /> <!--
      Foundation.Core.Classifier -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: FieldValueCondition -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a376969DD018B'>
  <Model.ModelElement.name>FieldValueCondition</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />

```

```

<Model.GeneralizableElement.isLeaf xmi.value='false'/>
<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Class.isSingleton xmi.value='false'/>
<Model.GeneralizableElement.supertypes>
  <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC'/> <!--
    Foundation.Core.ModelElement -->
</Model.GeneralizableElement.supertypes>
<Model.Namespace.contents>
  <Model.Attribute xmi.id='a37696A110341'>
    <Model.ModelElement.name>value</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
      <XMI.field>1</XMI.field>
      <XMI.field>1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.Attribute.isDerived xmi.value='false'/>
    <Model.TypedElement.type>
      <Model.DataType xml:link='simple' href='Foundation.xml#a33CFA00203A2'/> <!--
        Foundation.Data.Types.Expression -->
    </Model.TypedElement.type>
  </Model.Attribute>
  <Model.Reference>
    <Model.ModelElement.name>field</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
      <XMI.field>1</XMI.field>
      <XMI.field>1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a3730B40B002A'/> <!-- RecordOriented.Field -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a37696A5E016D'/> <!--
        RecordOriented.FieldValueConditions.field -->
    </Model.Reference.referencedEnd>
  </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: FixedOffsetField -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a377BE6930160'>
  <Model.ModelElement.name>FixedOffsetField</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a3730B40B002A'/> <!-- RecordOriented.Field -->
  </Model.GeneralizableElement.supertypes>

```

```

<Model.Namespace.contents>
  <Model.Attribute xmi.id='a377BE6A40112'>
    <Model.ModelElement.name>offset</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'>
    <Model.Feature.visibility xmi.value='public_vis'>
    <Model.StructuralFeature.multiplicity>
      <XMI.field>1</XMI.field>
      <XMI.field>1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'>
    <Model.Attribute.isDerived xmi.value='false'>
    <Model.TypedElement.type>
      <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6FD7021C'> <!--
        Foundation.Data.Types.Integer -->
      </Model.TypedElement.type>
    </Model.Attribute>
  <Model.Attribute xmi.id='a377BE6A80102'>
    <Model.ModelElement.name>offsetUnitBits</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'>
    <Model.Feature.visibility xmi.value='public_vis'>
    <Model.StructuralFeature.multiplicity>
      <XMI.field>1</XMI.field>
      <XMI.field>1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'>
    <Model.Attribute.isDerived xmi.value='false'>
    <Model.TypedElement.type>
      <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6FD7021C'> <!--
        Foundation.Data.Types.Integer -->
      </Model.TypedElement.type>
    </Model.Attribute>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: RecordFile -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a379CDD470029'>
  <Model.ModelElement.name>RecordFile</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>
  <Model.Class.isSingleton xmi.value='false'>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Model_Management.xml#a327A5D19033E'> <!--
      Model_Management.Package -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
      <Model.ModelElement.name>record</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'>
      <Model.Feature.visibility xmi.value='public_vis'>
      <Model.StructuralFeature.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>

```

```

    <XMI.field>true</XMI.field>
    <XMI.field>true</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a3731BA330352'/> <!-- RecordOriented.Record -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a379CDDC8010A'/> <!--
      RecordOriented.RecordToFile.record -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Import to: Foundation -->
<!-- _____ -->
<!-- _____ -->

<Model.Import>
  <Model.ModelElement.name>Foundation</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Import.visibility xmi.value='public_vis'/>
  <Model.Import.isClustered xmi.value='false'/>
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='Foundation.xml|a327A5A6D02DA'/>
  </Model.Import.importedNamespace>
</Model.Import>

<!-- _____ -->
<!-- _____ -->
<!-- Import to: Model_Management -->
<!-- _____ -->
<!-- _____ -->

<Model.Import>
  <Model.ModelElement.name>Model_Management</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Import.visibility xmi.value='public_vis'/>
  <Model.Import.isClustered xmi.value='false'/>
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='Model_Management.xml|a334ACE0C0028'/>
  </Model.Import.importedNamespace>
</Model.Import>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: FieldValueConditions -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a37696A5902A4'>
  <Model.ModelElement.name>FieldValueConditions</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a37696A5E016C'>
      <Model.ModelElement.name>valueCondition</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

```

```

    <Model.AssociationEnd.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a376969DD018B'> <!-- RecordOriented.FieldValueCondition -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a37696A5E016D'>
  <Model.ModelElement.name>field</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true'>
  <Model.AssociationEnd.aggregation xmi.value='composite'>
  <Model.AssociationEnd.multiplicity>
    <XMI.field>1</XMI.field>
    <XMI.field>1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>false</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a3730B40B002A'> <!-- RecordOriented.Field -->
  </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: RecordToFile -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a379CDDC70113'>
  <Model.ModelElement.name>RecordToFile</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>
  <Model.Association.isDerived xmi.value='false'>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a379CDDC80100'>
      <Model.ModelElement.name>file</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>
      <Model.AssociationEnd.aggregation xmi.value='none'>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a379CDD470029'> <!-- RecordOriented.RecordFile -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a379CDDC8010A'>
      <Model.ModelElement.name>record</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>
      <Model.AssociationEnd.aggregation xmi.value='none'>
      <Model.AssociationEnd.multiplicity>

```

```

    <XMI.field>0</XMI.field>
    <XMI.field>-1</XMI.field>
    <XMI.field>true</XMI.field>
    <XMI.field>true</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a3731BA330352' /> <!-- RecordOriented.Record -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Tag: org.omg.mof.idl_prefix _____ -->
<!-- _____ -->
<!-- _____ -->

<Model.Tag>
  <Model.ModelElement.name>IDL Prefix</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Tag.tagId>org.omg.mof.idl_prefix</Model.Tag.tagId>
  <Model.Tag.values>
    <XMI.any xmi.type='string' xmi.name=''>org.omg.cwm</XMI.any>
  </Model.Tag.values>
  <Model.Tag.elements>
    <Model.Package xmi.idref='a35F6F41A0299' /> <!-- RecordOriented -->
  </Model.Tag.elements>
</Model.Tag>
</Model.Namespace.contents>
</Model.Package>
</XMI.content>
</XMI>

```

## 1.4 Relational.xml

```

<?xml version = '1.0' encoding = 'ISO-8859-1' ?>
<!DOCTYPE XMI SYSTEM 'Model.dtd'>
<XMI xmi.version='1.0'>
  <XMI.header>
    <XMI.metamodel xmi.name='org.omg.Mof.Model' xmi.version='1.3'/>
  </XMI.header>
  <XMI.content>

    <!-- _____ -->
    <!-- -->
    <!-- Contents of Package: Relational -->
    <!-- -->
    <!-- _____ -->

    <Model.Package xmi.id='a362E34A201FF'>
      <Model.ModelElement.name>Relational</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.GeneralizableElement.isRoot xmi.value='false'/>
      <Model.GeneralizableElement.isLeaf xmi.value='false'/>
      <Model.GeneralizableElement.isAbstract xmi.value='false'/>
      <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
      <Model.Namespace.contents>

        <!-- _____ -->
        <!-- -->
        <!-- Contents of Package: DataTypes -->
        <!-- -->
        <!-- _____ -->

        <Model.Package xmi.id='a36CB6A6C0197'>
          <Model.ModelElement.name>DataTypes</Model.ModelElement.name>
          <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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          <Model.GeneralizableElement.isLeaf xmi.value='false'/>
          <Model.GeneralizableElement.isAbstract xmi.value='false'/>
          <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
          <Model.Namespace.contents>

            <!-- _____ -->
            <!-- -->
            <!-- Contents of DataType: ActionOrientationType -->
            <!-- -->
            <!-- _____ -->

            <Model.DataType xmi.id='a36DC89FC02A3'>
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              <Model.ModelElement.annotation> </Model.ModelElement.annotation>
              <Model.GeneralizableElement.isRoot xmi.value='false'/>
              <Model.GeneralizableElement.isLeaf xmi.value='false'/>
              <Model.GeneralizableElement.isAbstract xmi.value='false'/>
              <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
              <Model.DataType.typeCode>
                <XMI.CorbaTypeCode>
                  <XMI.CorbaTcEnum xmi.tcName='ActionOrientationType' xmi.tcId=''>
                    <XMI.CorbaTcEnumLabel xmi.tcName='row'/>
                    <XMI.CorbaTcEnumLabel xmi.tcName='statement'/>
                  </XMI.CorbaTcEnum>
                </XMI.CorbaTypeCode>
              </Model.DataType.typeCode>
            </Model.DataType>

            <!-- _____ -->
            <!-- -->
            <!-- Contents of DataType: ConditionTimingType -->
            <!-- -->

```

```

<!-- _____ -->
<!-- _____ -->

<Model.DataType xmi.id='a36DC8A1E02F5'>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcEnum xmi.tcName='ConditionTimingType' xmi.tcId=''>
        <XMI.CorbaTcEnumLabel xmi.tcName='before'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='after'/>
      </XMI.CorbaTcEnum>
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of DataType: DeferrabilityType -->
<!-- _____ -->
<!-- _____ -->

<Model.DataType xmi.id='a36CC6BBA02A5'>
  <Model.ModelElement.name>DeferrabilityType</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcEnum xmi.tcName='DeferrabilityType' xmi.tcId=''>
        <XMI.CorbaTcEnumLabel xmi.tcName='importedKeyInitiallyDeferred'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='importedKeyInitiallyImmediate'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='importedKeyNotDeferrable'/>
      </XMI.CorbaTcEnum>
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of DataType: EventManipulationType -->
<!-- _____ -->
<!-- _____ -->

<Model.DataType xmi.id='a36DC89D2037E'>
  <Model.ModelElement.name>EventManipulationType</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcEnum xmi.tcName='EventManipulationType' xmi.tcId=''>
        <XMI.CorbaTcEnumLabel xmi.tcName='insert'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='delete'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='update'/>
      </XMI.CorbaTcEnum>
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

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<!-- _____ -->
<!-- -->
<!-- Contents of DataType: NullableType -->
<!-- -->
<!-- _____ -->

<Model.DataType xmi.id='a36CB6FAE0093'>
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  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.DataType.typeCode>
    <XMI.CorbaTypeEnum>
      <XMI.CorbaTypeEnum xmi.tcName='NullableType' xmi.tcId=''>
        <XMI.CorbaTypeEnumLabel xmi.tcName='columnNotNulls'/>
        <XMI.CorbaTypeEnumLabel xmi.tcName='columnNullable'/>
        <XMI.CorbaTypeEnumLabel xmi.tcName='columnNullableunknown'/>
      </XMI.CorbaTypeEnum>
    </XMI.CorbaTypeEnum>
  </Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- -->
<!-- Contents of DataType: ProcedureType -->
<!-- -->
<!-- _____ -->

<Model.DataType xmi.id='a36DD71AB015E'>
  <Model.ModelElement.name>ProcedureType</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.DataType.typeCode>
    <XMI.CorbaTypeEnum>
      <XMI.CorbaTypeEnum xmi.tcName='ProcedureType' xmi.tcId=''>
        <XMI.CorbaTypeEnumLabel xmi.tcName='procedure'/>
        <XMI.CorbaTypeEnumLabel xmi.tcName='function'/>
      </XMI.CorbaTypeEnum>
    </XMI.CorbaTypeEnum>
  </Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- -->
<!-- Contents of DataType: ReferentialRuleType -->
<!-- -->
<!-- _____ -->

<Model.DataType xmi.id='a36CC6AF10223'>
  <Model.ModelElement.name>ReferentialRuleType</Model.ModelElement.name>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.DataType.typeCode>
    <XMI.CorbaTypeEnum>
      <XMI.CorbaTypeEnum xmi.tcName='ReferentialRuleType' xmi.tcId=''>
        <XMI.CorbaTypeEnumLabel xmi.tcName='importedKeyNoAction'/>
        <XMI.CorbaTypeEnumLabel xmi.tcName='importedKeyCascade'/>
        <XMI.CorbaTypeEnumLabel xmi.tcName='importedKeySetNull'/>
      </XMI.CorbaTypeEnum>
    </XMI.CorbaTypeEnum>
  </Model.DataType.typeCode>
</Model.DataType>

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        <XMI.CorbaTypeEnumLabel xmi.tcName='importedKeyRestrict'/>
        <XMI.CorbaTypeEnumLabel xmi.tcName='importedKeySetDefault'/>
      </XMI.CorbaTypeEnum>
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>
</Model.Namespace.contents>
</Model.Package>

<!-- _____ -->
<!-- -->
<!-- Contents of Class: Catalog -->
<!-- -->
<!-- _____ -->

<Model.Class xmi.id='a362E34BC0007'>
  <Model.ModelElement.name>Catalog</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Model_Management.xml#a327A5D19033E'/> <!--
      Model_Management.Package -->
  </Model.GeneralizableElement.supertypes>
</Model.GeneralizableElement>
<Model.Namespace.contents>
  <Model.Reference>
    <Model.ModelElement.name>dataResource</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
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      <XMI.field>1</XMI.field>
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      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xml:link='simple' href='warehouseDeployment.xml#a376A2BCD0186'/> <!--
        warehouseDeployment.DataResource -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a377141A001E6'/> <!--
        Relational.DataResourceOwningCatalog.dataResource -->
    </Model.Reference.referencedEnd>
  </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Contents of Class: Schema -->
<!-- -->
<!-- _____ -->

<Model.Class xmi.id='a3639010F0362'>
  <Model.ModelElement.name>Schema</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='true'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>

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    <Model.Class xml:link='simple' href='Model_Management.xml|a327A5D19033E' /> <!--
        Model_Management.Package -->
</Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Contents of Class: ColumnSet -->
<!-- -->
<!-- _____ -->

<Model.Class xmi.id='a364CDDC2022D'>
  <Model.ModelElement.name>ColumnSet</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml|a3298A02900FE' /> <!--
        Foundation.Core.Class -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Contents of Class: Table -->
<!-- -->
<!-- _____ -->

<Model.Class xmi.id='a362E664F03B3'>
  <Model.ModelElement.name>Table</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a364CDDC2022D' /> <!-- Relational.ColumnSet -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a379CE39B024A'>
      <Model.ModelElement.name>isSystem</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
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        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.Attribute.isDerived xmi.value='false' />
      <Model.TypedElement.type>
        <Model.DataType xml:link='simple' href='Foundation.xml|a33DD6F650276' /> <!--
            Foundation.Data.Types.Boolean -->
      </Model.TypedElement.type>
    </Model.Attribute>
    <Model.Reference>
      <Model.ModelElement.name>usingTrigger</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>

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  <Model.TypedElement.type>
    <Model.Class xmi.idref='a36DC7E9502F8'/> <!-- Relational.Trigger -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a36DC8BBB0190'/> <!--
      Relational.TriggerUsingTable.usingTrigger -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>type</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
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  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a3648903F0365'/> <!-- Relational.SQLStructuredType -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a379CC370012B'/> <!--
      Relational.TableofStructuredType.type -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>column</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
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  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a364CDD800D0'/> <!-- Relational.Column -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a379CC77703CE'/> <!--
      Relational.ColumnOptionsTable.column -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: BaseTable -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a364CDE8501D3'>
  <Model.ModelElement.name>BaseTable</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>

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<Model.GeneralizableElement.isLeaf xmi.value='false'/>
<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Class.isSingleton xmi.value='false'/>
<Model.GeneralizableElement.supertypes>
  <Model.Class xmi.idref='a362E664F03B3'/> <!-- Relational.Table -->
</Model.GeneralizableElement.supertypes>
<Model.Namespace.contents>
  <Model.Attribute xmi.id='a377A994F0294'>
    <Model.ModelElement.name>isTemporary</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
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      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.Attribute.isDerived xmi.value='false'/>
    <Model.TypedElement.type>
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        Foundation.Data.Types.Boolean -->
    </Model.TypedElement.type>
  </Model.Attribute>
  <Model.Attribute xmi.id='a377A9A21020A'>
    <Model.ModelElement.name>temporaryScope</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
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    <Model.TypedElement.type>
      <Model.DataType xmi:link='simple' href='Foundation.xml#a33DD702401B8'/> <!--
        Foundation.Data.Types.String -->
    </Model.TypedElement.type>
  </Model.Attribute>
  <Model.Reference>
    <Model.ModelElement.name>trigger</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
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    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a36DC7E9502F8'/> <!-- Relational.Trigger -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a36DC8BC30079'/> <!--
        Relational.TableOwningTrigger.trigger -->
    </Model.Reference.referencedEnd>
  </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

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<!-- _____ -->
<!-- -->
<!-- Contents of Class: View -->
<!-- -->
<!-- _____ -->

<Model.Class xmi.id='a364CDE8F01FF'>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a362E664F03B3' /> <!-- Relational.Table -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a366C558402E0'>
      <Model.ModelElement.name>isReadOnly</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
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        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.Attribute.isDerived xmi.value='false' />
      <Model.TypedElement.type>
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          Foundation.Data_Types.Boolean -->
      </Model.TypedElement.type>
    </Model.Attribute>
    <Model.Attribute xmi.id='a36CB6B8B01AE'>
      <Model.ModelElement.name>checkOption</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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      <Model.Feature.visibility xmi.value='public_vis' />
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      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
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      <Model.TypedElement.type>
        <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6F650276' /> <!--
          Foundation.Data_Types.Boolean -->
      </Model.TypedElement.type>
    </Model.Attribute>
    <Model.Attribute xmi.id='a37D0502D029E'>
      <Model.ModelElement.name>queryExpression</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
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      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.Attribute.isDerived xmi.value='false' />

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    <Model.TypedElement.type>
      <Model.DataType xml:link='simple' href='CWMFoundation.xml#a3702A52C0196' /> <!--
        CWMFoundation.QueryExpression -->
    </Model.TypedElement.type>
  </Model.Attribute>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: SQLQuery -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a364CDEA203C9'>
  <Model.ModelElement.name>SQLQuery</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a364CDDC2022D' /> <!-- Relational.ColumnSet -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: SQLDataType -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a36488C0301BD'>
  <Model.ModelElement.name>SQLDataType</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='true' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a3298A036025B' /> <!--
      Foundation.Core.DataType -->
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<!-- _____ -->
<!-- Contents of Class: SQLDistinctType -->
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<!-- _____ -->

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<!-- Contents of Class: SQLSimpleType -->
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<!-- _____ -->
<!-- Contents of Class: SQLStructuredType -->
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  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
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  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
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        <Model.AssociationEnd xmi.idref='a379CC370018F'/> <!--
          Relational.TableofStructuredType.table -->
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<!-- Contents of Class: Column -->
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    <Model.AssociationEnd xmi.idref='a379CC6D00374'> <!--
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        Relational.ColumnOptionsTable.table -->
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<!-- _____ -->
<!-- Contents of Class: Procedure -->
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      ->
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</Model.Namespace.contents>
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<!-- Contents of Class: Trigger -->
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  <Model.Attribute.isDerived xmi.value='false'/>
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    </Model.TypedElement.type>
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  <Model.ModelElement.name>usedTable</Model.ModelElement.name>
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  <Model.Feature.scope xmi.value='instance_level' />
  <Model.Feature.visibility xmi.value='public_vis' />
  <Model.StructuralFeature.multiplicity>
    <XMI.field>0</XMI.field>
    <XMI.field>-1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>true</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a362E664F03B3' /> <!-- Relational.Table -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a36DC8BBB012C' /> <!--
      Relational.TriggerUsingTable.usedTable -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>table</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level' />
  <Model.Feature.visibility xmi.value='public_vis' />
  <Model.StructuralFeature.multiplicity>
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    <XMI.field>1</XMI.field>
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    <XMI.field>>false</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a364CDE8501D3' /> <!-- Relational.BaseTable -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a36DC8BC30029' /> <!--
      Relational.TableOwningTrigger.table -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Contents of Class: SQLIndex -->
<!-- -->

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<!-- _____ -->
<Model.Class xmi.id='a36CC6C5501E2'>
  <Model.ModelElement.name>SQLIndex</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='CWMFoundation.xml#a376A89040331' /> <!--
      CWMFoundation.Index -->
  </Model.GeneralizableElement.supertypes>
</Model.Namespace.contents>
<Model.Attribute xmi.id='a36CC6E0401C4'>
  <Model.ModelElement.name>filterCondition</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level' />
  <Model.Feature.visibility xmi.value='public_vis' />
  <Model.StructuralFeature.multiplicity>
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    <XMI.field>>false</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.Attribute.isDerived xmi.value='false' />
  <Model.TypedElement.type>
    <Model.DataType xml:link='simple' href='Foundation.xml#a33DD702401B8' /> <!--
      Foundation.Data_Types.String -->
  </Model.TypedElement.type>
</Model.Attribute>
<Model.Attribute xmi.id='a36CC6E150006'>
  <Model.ModelElement.name>isNullable</Model.ModelElement.name>
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    <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6F650276' /> <!--
      Foundation.Data_Types.Boolean -->
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  <Model.ModelElement.name>autoUpdate</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level' />
  <Model.Feature.visibility xmi.value='public_vis' />
  <Model.StructuralFeature.multiplicity>
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  <Model.Attribute.isDerived xmi.value='false' />
  <Model.TypedElement.type>
    <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6F650276' /> <!--
      Foundation.Data_Types.Boolean -->
  </Model.TypedElement.type>

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    </Model.TypedElement.type>
  </Model.Attribute>
  <Model.Attribute xmi.id='a36CC6E49006F'>
    <Model.ModelElement.name>isSorted</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level' />
    <Model.Feature.visibility xmi.value='public_vis' />
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    <Model.Attribute.isDerived xmi.value='false' />
  </Model.TypedElement.type>
  <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6F650276' /> <!--
    Foundation.Data.Types.Boolean -->
  </Model.TypedElement.type>
</Model.Attribute>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: UniqueConstraint -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a36F6E2ED0146'>
  <Model.ModelElement.name>UniqueConstraint</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='CWMFoundation.xml#a376A879E0072' /> <!--
      CWMFoundation.UniqueKey -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a36CC6A640180'>
      <Model.ModelElement.name>isIndexed</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
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        <XMI.field>>false</XMI.field>
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      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.Attribute.isDerived xmi.value='false' />
    </Model.TypedElement.type>
    <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6F650276' /> <!--
      Foundation.Data.Types.Boolean -->
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  </Model.Attribute>
</Model.Namespace.contents>
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<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: ForeignKey -->
<!-- _____ -->

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<!-- _____ -->

<Model.Class xmi.id='a362E6C290149'>
  <Model.ModelElement.name>ForeignKey</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi:link='simple' href='CWMFoundation.xml#a376A8A6E00C0'> <!--
      CWMFoundation.KeyRelationship -->
  </Model.GeneralizableElement.supertypes>
</Model.Namespace.contents>
<Model.Attribute xmi.id='a36547F640115'>
  <Model.ModelElement.name>deleteRule</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
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    <XMI.field>1</XMI.field>
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    <XMI.field>>false</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.Attribute.isDerived xmi.value='false'/>
  <Model.TypedElement.type>
    <Model.DataType xmi.idref='a36CC6AF10223'> <!--
      Relational.DataTypes.ReferentialRuleType -->
  </Model.TypedElement.type>
</Model.Attribute>
<Model.Attribute xmi.id='a36548E0F0184'>
  <Model.ModelElement.name>updateRule</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
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  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.Attribute.isDerived xmi.value='false'/>
  <Model.TypedElement.type>
    <Model.DataType xmi.idref='a36CC6AF10223'> <!--
      Relational.DataTypes.ReferentialRuleType -->
  </Model.TypedElement.type>
</Model.Attribute>
<Model.Attribute xmi.id='a36CC6B7D004E'>
  <Model.ModelElement.name>deferrability</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
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    <XMI.field>>false</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.Attribute.isDerived xmi.value='false'/>
  <Model.TypedElement.type>
    <Model.DataType xmi.idref='a36CC6BBA02A5'> <!--
      Relational.DataTypes.DeferrabilityType -->
  </Model.TypedElement.type>

```

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    </Model.TypedElement.type>
  </Model.Attribute>
  <Model.Attribute xmi.id='a36CC6C17024E'>
    <Model.ModelElement.name>isIndexed</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level' />
    <Model.Feature.visibility xmi.value='public_vis' />
    <Model.StructuralFeature.multiplicity>
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      <XMI.field>1</XMI.field>
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      <XMI.field>>false</XMI.field>
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    <Model.Attribute.isDerived xmi.value='false' />
  </Model.TypedElement.type>
  <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6F650276' /> <!--
    Foundation.Data.Types.Boolean -->
  </Model.TypedElement.type>
</Model.Attribute>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: SQLIndexColumn -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a36CC6F570117'>
  <Model.ModelElement.name>SQLIndexColumn</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='CWMFoundation.xml#a377BD3F9017F' /> <!--
      CWMFoundation.IndexedFeature -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Import to: Model_Management -->
<!-- _____ -->
<!-- _____ -->

<Model.Import>
  <Model.ModelElement.name>Model_Management</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Import.visibility xmi.value='public_vis' />
  <Model.Import.isClustered xmi.value='false' />
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='Model_Management.xml#a334ACE0C0028' />
  </Model.Import.importedNamespace>
</Model.Import>

<!-- _____ -->
<!-- _____ -->
<!-- Import to: Foundation -->
<!-- _____ -->
<!-- _____ -->

<Model.Import>
  <Model.ModelElement.name>Foundation</Model.ModelElement.name>

```

```

<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.Import.visibility xmi.value='public_vis' />
<Model.Import.isClustered xmi.value='false' />
<Model.Import.importedNamespace>
  <Model.Package xml:link='simple' href='Foundation.xml|a327A5A6D02DA' />
</Model.Import.importedNamespace>
</Model.Import>

<!-- _____ -->
<!-- -->
<!-- Import to: CWMFoundation -->
<!-- -->
<!-- _____ -->

<Model.Import>
  <Model.ModelElement.name>CWMFoundation</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Import.visibility xmi.value='public_vis' />
  <Model.Import.isClustered xmi.value='false' />
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='CWMFoundation.xml|a362E34450223' />
  </Model.Import.importedNamespace>
</Model.Import>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: TriggerUsingTable -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a36DC8BB70234'>
  <Model.ModelElement.name>TriggerUsingTable</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a36DC8BBB012C'>
      <Model.ModelElement.name>usedTable</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a362E664F03B3' /> <!-- Relational.Table -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a36DC8BBB0190'>
      <Model.ModelElement.name>usingTrigger</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
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        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

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    <Model.TypedElement.type>
      <Model.Class xmi.idref='a36DC7E9502F8' /> <!-- Relational.Trigger -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: TableOwningTrigger -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a36DC8BC1024D'>
  <Model.ModelElement.name>TableOwningTrigger</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a36DC8BC30029'>
      <Model.ModelElement.name>table</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
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      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a364CDE8501D3' /> <!-- Relational.BaseTable -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a36DC8BC30079'>
      <Model.ModelElement.name>trigger</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a36DC7E9502F8' /> <!-- Relational.Trigger -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: DataResourceOwningCatalog -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a3771419F0393'>
  <Model.ModelElement.name>DataResourceOwningCatalog</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />

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<Model.GeneralizableElement.isLeaf xmi.value='false'/>
<Model.GeneralizableElement.isAbstract xmi.value='false'/>
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<Model.Association.isDerived xmi.value='false'/>
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  <Model.AssociationEnd xmi.id='a377141A001E6'>
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    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='composite'/>
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    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xml:link='simple' href='warehouseDeployment.xml#a376A2BCD0186'/> <!--
        warehouseDeployment.DataResource -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a377141A00254'>
    <Model.ModelElement.name>catalog</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='none'/>
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    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a362E34BC0007'/> <!-- Relational.Catalog -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Import to: warehouseDeployment -->
<!-- _____ -->
<!-- _____ -->

<Model.Import>
  <Model.ModelElement.name>warehouseDeployment</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Import.visibility xmi.value='public_vis'/>
  <Model.Import.isClustered xmi.value='false'/>
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='warehouseDeployment.xml#a3731C42F0314'/>
  </Model.Import.importedNamespace>
</Model.Import>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: TableOfStructuredType -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a379CC36E0178'>
  <Model.ModelElement.name>TableOfStructuredType</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>

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<Model.GeneralizableElement.isLeaf xmi.value='false'/>
<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Association.isDerived xmi.value='false'/>
<Model.Namespace.contents>
  <Model.AssociationEnd xmi.id='a379CC370012B'>
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    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='none'/>
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    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a3648903F0365'/> <!-- Relational.SQLStructuredType -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a379CC370018F'>
    <Model.ModelElement.name>table</Model.ModelElement.name>
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    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='none'/>
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      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a362E664F03B3'/> <!-- Relational.Table -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: ColumnRefStructuredType -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a379CC6CE0050'>
  <Model.ModelElement.name>ColumnRefStructuredType</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a379CC6D00374'>
      <Model.ModelElement.name>reference</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

```

```

    <Model.TypedElement.type>
      <Model.Class xmi.idref='a3648903F0365' /> <!-- Relational.SQLStructuredType -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a379CC6D003D8'>
  <Model.ModelElement.name>column</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true' />
  <Model.AssociationEnd.aggregation xmi.value='none' />
  <Model.AssociationEnd.multiplicity>
    <XMI.field>0</XMI.field>
    <XMI.field>-1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>true</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a364CDDD800D0' /> <!-- Relational.Column -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: ColumnOptionsTable -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a379CC77700CB'>
  <Model.ModelElement.name>ColumnOptionsTable</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a379CC77703CE'>
      <Model.ModelElement.name>column</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a364CDDD800D0' /> <!-- Relational.Column -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a379CC77900CE'>
      <Model.ModelElement.name>table</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>

```

```

    <Model.Class xmi.idref='a362E664F03B3' /> <!-- Relational.Table -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Tags _____ -->
<!-- _____ -->
<!-- _____ -->

<Model.Tag>
  <Model.ModelElement.name>IDL Name for ColumnSet</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Tag.tagId>org.omg.mof.idl_substitute_name</Model.Tag.tagId>
  <Model.Tag.values>
    <XMI.any xmi.type='string' xmi.name=''>RelationalColumnSet</XMI.any>
  </Model.Tag.values>
  <Model.Tag.elements>
    <Model.Class xmi.idref='a364CDDC2022D' /> <!-- Relational.ColumnSet -->
  </Model.Tag.elements>
</Model.Tag>
<Model.Tag>
  <Model.ModelElement.name>IDL Prefix</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Tag.tagId>org.omg.mof.idl_prefix</Model.Tag.tagId>
  <Model.Tag.values>
    <XMI.any xmi.type='string' xmi.name=''>org.omg.cwm</XMI.any>
  </Model.Tag.values>
  <Model.Tag.elements>
    <Model.Package xmi.idref='a362E34A201FF' /> <!-- Relational -->
  </Model.Tag.elements>
</Model.Tag>
</Model.Namespace.contents>
</Model.Package>
</XMI.content>
</XMI>

```

## 1.5 MDDB.xml

```

<?xml version = '1.0' encoding = 'ISO-8859-1' ?>
<!DOCTYPE XMI SYSTEM 'Model.dtd'>
<XMI xmi.version='1.0'>
  <XMI.header>
    <XMI.metamodel xmi.name='org.omg.Mof.Model' xmi.version='1.3' />
  </XMI.header>
  <XMI.content>

    <!-- _____ -->
    <!-- _____ -->
    <!-- Contents of Package: MDDB -->
    <!-- _____ -->
    <!-- _____ -->

    <Model.Package xmi.id='a374EBFFB0357'>
      <Model.ModelElement.name>MDDB</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.GeneralizableElement.isRoot xmi.value='false' />
      <Model.GeneralizableElement.isLeaf xmi.value='false' />
      <Model.GeneralizableElement.isAbstract xmi.value='false' />
      <Model.GeneralizableElement.visibility xmi.value='public_vis' />
      <Model.Namespace.contents>

        <!-- _____ -->
        <!-- _____ -->
        <!-- Contents of Class: Dimension -->
        <!-- _____ -->
        <!-- _____ -->

        <Model.Class xmi.id='a374CB3BA032A'>
          <Model.ModelElement.name>Dimension</Model.ModelElement.name>
          <Model.ModelElement.annotation> </Model.ModelElement.annotation>
          <Model.GeneralizableElement.isRoot xmi.value='false' />
          <Model.GeneralizableElement.isLeaf xmi.value='false' />
          <Model.GeneralizableElement.isAbstract xmi.value='false' />
          <Model.GeneralizableElement.visibility xmi.value='public_vis' />
          <Model.Class.isSingleton xmi.value='false' />
          <Model.GeneralizableElement.supertypes>
            <Model.Class xml:link='simple' href='Foundation.xml#a3298A02900FE' /> <!--
              Foundation.Core.Class -->
          </Model.GeneralizableElement.supertypes>
          <Model.Namespace.contents>
            <Model.Reference>
              <Model.ModelElement.name>dimensionedObject</Model.ModelElement.name>
              <Model.ModelElement.annotation> </Model.ModelElement.annotation>
              <Model.Feature.scope xmi.value='instance_level' />
              <Model.Feature.visibility xmi.value='public_vis' />
              <Model.StructuralFeature.multiplicity>
                <XMI.field>0</XMI.field>
                <XMI.field>-1</XMI.field>
                <XMI.field>true</XMI.field>
                <XMI.field>true</XMI.field>
              </Model.StructuralFeature.multiplicity>
              <Model.StructuralFeature.isChangeable xmi.value='true' />
              <Model.TypedElement.type>
                <Model.Class xmi.idref='a374CB311034F' /> <!-- MDDB.DimensionedObject -->
              </Model.TypedElement.type>
              <Model.Reference.referencedEnd>
                <Model.AssociationEnd xmi.idref='a374CB3CD01D4' /> <!--
                  MDDB.DimensionReferencesDimensionedObjects.dimensionedObject -->
              </Model.Reference.referencedEnd>
            </Model.Reference>
          </Model.Namespace.contents>
          <Model.ModelElement.name>referencedDimension</Model.ModelElement.name>

```

```

<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.Feature.scope xmi.value='instance_level' />
<Model.Feature.visibility xmi.value='public_vis' />
<Model.StructuralFeature.multiplicity>
  <XMI.field>0</XMI.field>
  <XMI.field>-1</XMI.field>
  <XMI.field>>false</XMI.field>
  <XMI.field>>true</XMI.field>
</Model.StructuralFeature.multiplicity>
<Model.StructuralFeature.isChangeable xmi.value='true' />
<Model.TypedElement.type>
  <Model.Class xmi.idref='a374CB3BA032A' /> <!-- Mddb.Dimension -->
</Model.TypedElement.type>
<Model.Reference.referencedEnd>
  <Model.AssociationEnd xmi.idref='a374CB45500DE' /> <!--
    Mddb.DimensionReferencesDimensions.referencedDimension -->
</Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: DimensionedObject -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a374CB311034F'>
  <Model.ModelElement.name>DimensionedObject</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi:link='simple' href='Foundation.xml#a327BA5E802E4' /> <!--
      Foundation.Core.Attribute -->
  </Model.GeneralizableElement.supertypes>
</Model.Namespace.contents>
<Model.Reference>
  <Model.ModelElement.name>dimension</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level' />
  <Model.Feature.visibility xmi.value='public_vis' />
  <Model.StructuralFeature.multiplicity>
    <XMI.field>0</XMI.field>
    <XMI.field>-1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>true</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a374CB3BA032A' /> <!-- Mddb.Dimension -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a374CB3CD01D3' /> <!--
      Mddb.DimensionReferencesDimensionedObjects.dimension -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Schema -->
<!-- _____ -->

```

```

<!-- _____ -->
<Model.Class xmi.id='a3793D1C503DE'>
  <Model.ModelElement.name>Schema</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Model_Management.xml|a327A5D19033E' /> <!--
      Model_Management.Package -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
      <Model.ModelElement.name>dataResource</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xml:link='simple' href='WarehouseDeployment.xml|a376A2BCD0186' /> <!--
          WarehouseDeployment.DataResource -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a379F551E000F' /> <!--
          MDDB.DataResourceOwnsSchemas.dataResource -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Import to: Foundation -->
<!-- _____ -->
<!-- _____ -->

<Model.Import>
  <Model.ModelElement.name>Foundation</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Import.visibility xmi.value='public_vis' />
  <Model.Import.isClustered xmi.value='false' />
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='Foundation.xml|a327A5A6D02DA' />
  </Model.Import.importedNamespace>
</Model.Import>

<!-- _____ -->
<!-- _____ -->
<!-- Import to: Model_Management -->
<!-- _____ -->
<!-- _____ -->

<Model.Import>
  <Model.ModelElement.name>Model_Management</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Import.visibility xmi.value='public_vis' />
  <Model.Import.isClustered xmi.value='false' />
  <Model.Import.importedNamespace>

```

```

    <Model.Package xml:link='simple' href='Model_Management.xml|a334ACE0C0028' />
  </Model.Import.importedNamespace>
</Model.Import>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: DimensionReferencesDimensionedObjects -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a374CB3CC03E5'>
  <Model.ModelElement.name>DimensionReferencesDimensionedObjects</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a374CB3CD01D3'>
      <Model.ModelElement.name>dimension</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a374CB3BA032A' /> <!-- Mddb.Dimension -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a374CB3CD01D4'>
      <Model.ModelElement.name>dimensionedObject</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>true</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a374CB311034F' /> <!-- Mddb.DimensionedObject -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: DataResourceOwnsSchemas -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a379F551D029F'>
  <Model.ModelElement.name>DataResourceOwnsSchemas</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />

```

```

<Model.Association.isDerived xmi.value='false'/>
<Model.Namespace.contents>
  <Model.AssociationEnd xmi.id='a379F551E000F'>
    <Model.ModelElement.name>dataResource</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='composite'/>
    <Model.AssociationEnd.multiplicity>
      <XMI.field>1</XMI.field>
      <XMI.field>1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>false</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xml:link='simple' href='warehouseDeployment.xml#a376A2BCD0186'/> <!--
        warehouseDeployment.DataResource -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a379F551E0186'>
    <Model.ModelElement.name>schema</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='none'/>
    <Model.AssociationEnd.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a3793D1C503DE'/> <!-- Mddb.Schema -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Import to: warehouseDeployment -->
<!-- _____ -->
<!-- _____ -->

<Model.Import>
  <Model.ModelElement.name>warehouseDeployment</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Import.visibility xmi.value='public_vis'/>
  <Model.Import.isClustered xmi.value='false'/>
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='warehouseDeployment.xml#a3731C42F0314'/>
  </Model.Import.importedNamespace>
</Model.Import>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: DimensionReferencesDimensions -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a374CB45202A7'>
  <Model.ModelElement.name>DimensionReferencesDimensions</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>

```

```

<Model.Association.isDerived xmi.value='false'/>
<Model.Namespace.contents>
  <Model.AssociationEnd xmi.id='a374CB45500D4'>
    <Model.ModelElement.name>dimension</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='none'/>
    <Model.AssociationEnd.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a374CB3BA032A'/> <!-- MDDB.Dimension -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a374CB45500DE'>
    <Model.ModelElement.name>referencedDimension</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='none'/>
    <Model.AssociationEnd.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a374CB3BA032A'/> <!-- MDDB.Dimension -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Tag: org.omg.mof.idl_prefix _____ -->
<!-- _____ -->
<!-- _____ -->

<Model.Tag>
  <Model.ModelElement.name>IDL Prefix</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Tag.tagId>org.omg.mof.idl_prefix</Model.Tag.tagId>
  <Model.Tag.values>
    <XMI.any xmi.type='string' xmi.name=''>org.omg.cwm</XMI.any>
  </Model.Tag.values>
  <Model.Tag.elements>
    <Model.Package xmi.idref='a374EBFFB0357'/> <!-- MDDB -->
  </Model.Tag.elements>
</Model.Tag>
</Model.Namespace.contents>
</Model.Package>
</XMI.content>
</XMI>

```

## 1.6 Olap.xml

```

<?xml version = '1.0' encoding = 'ISO-8859-1' ?>
<!DOCTYPE XMI SYSTEM 'Model.dtd'>
<XMI xmi.version='1.0'>
  <XMI.header>
    <XMI.metamodel xmi.name='org.omg.Mof.Model' xmi.version='1.3' />
  </XMI.header>
  <XMI.content>

    <!-- _____ -->
    <!-- -->
    <!-- Contents of Package: Olap -->
    <!-- -->
    <!-- _____ -->

    <Model.Package xmi.id='a365348E80125'>
      <Model.ModelElement.name>Olap</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.GeneralizableElement.isRoot xmi.value='false' />
      <Model.GeneralizableElement.isLeaf xmi.value='false' />
      <Model.GeneralizableElement.isAbstract xmi.value='false' />
      <Model.GeneralizableElement.visibility xmi.value='public_vis' />
      <Model.Namespace.contents>

        <!-- _____ -->
        <!-- -->
        <!-- Contents of Class: Cube -->
        <!-- -->
        <!-- _____ -->

        <Model.Class xmi.id='a36F832E20069'>
          <Model.ModelElement.name>Cube</Model.ModelElement.name>
          <Model.ModelElement.annotation> </Model.ModelElement.annotation>
          <Model.GeneralizableElement.isRoot xmi.value='false' />
          <Model.GeneralizableElement.isLeaf xmi.value='false' />
          <Model.GeneralizableElement.isAbstract xmi.value='false' />
          <Model.GeneralizableElement.visibility xmi.value='public_vis' />
          <Model.Class.isSingleton xmi.value='false' />
          <Model.GeneralizableElement.supertypes>
            <Model.Class xml:link='simple' href='Foundation.xml#a3298A02900FE' /> <!--
              Foundation.Core.Class -->
          </Model.GeneralizableElement.supertypes>
          <Model.Namespace.contents>
            <Model.Attribute xmi.id='a378B3FA90038'>
              <Model.ModelElement.name>isVirtual</Model.ModelElement.name>
              <Model.ModelElement.annotation> </Model.ModelElement.annotation>
              <Model.Feature.scope xmi.value='instance_level' />
              <Model.Feature.visibility xmi.value='public_vis' />
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                <XMI.field>1</XMI.field>
                <XMI.field>>false</XMI.field>
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              </Model.StructuralFeature.multiplicity>
              <Model.StructuralFeature.isChangeable xmi.value='true' />
              <Model.Attribute.isDerived xmi.value='false' />
              <Model.TypedElement.type>
                <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6F650276' /> <!--
                  Foundation.Data_Types.Boolean -->
              </Model.TypedElement.type>
            </Model.Attribute>
          </Model.Namespace.contents>
        </Model.Class>

        <!-- _____ -->

```

```

<!--                                     -->
<!-- Contents of Class: CubeDimensionAssociation -->
<!--                                     -->
<!--                                     -->

<Model.Class xmi.id='a378B40100236'>
  <Model.ModelElement.name>CubeDimensionAssociation</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Class.isSingleton xmi.value='false'>/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi:link='simple' href='Foundation.xml#a3298A02900FE'>/> <!--
      Foundation.Core.Class -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'>/>
      <Model.Feature.visibility xmi.value='public_vis'>/>
      <Model.StructuralFeature.multiplicity>
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      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3777B4770109'>/> <!-- Olap.Dimension -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a378B40D9019F'>/> <!--
          Olap.CubeDimensionAssociationReferencesDimension.association -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
    <Model.Reference>
      <Model.ModelElement.name>calchierarchy</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'>/>
      <Model.Feature.visibility xmi.value='public_vis'>/>
      <Model.StructuralFeature.multiplicity>
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        <XMI.field>>false</XMI.field>
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      <Model.StructuralFeature.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a36F91D39014A'>/> <!-- Olap.Hierarchy -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a37A791DE0201'>/> <!--
          Olap.CubeDimensionAssociationHasCalchierarchy.calchierarchy -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

<!--                                     -->
<!--                                     -->
<!-- Contents of Class: CubeRegion -->
<!--                                     -->
<!--                                     -->

```

```

<Model.Class xmi.id='a36F91D600196'>
  <Model.ModelElement.name>CubeRegion</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a3298A02900FE'/> <!--
      Foundation.Core.Class -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a3777C7D90186'>
      <Model.ModelElement.name>isReadOnly</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
      <Model.StructuralFeature.multiplicity>
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        <XMI.field>1</XMI.field>
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        <XMI.field>>false</XMI.field>
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      <Model.Attribute.isDerived xmi.value='false'/>
      <Model.TypedElement.type>
        <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6F650276'/> <!--
          Foundation.Data_Types.Boolean -->
      </Model.TypedElement.type>
    </Model.Attribute>
    <Model.Attribute xmi.id='a378EB72D01A0'>
      <Model.ModelElement.name>formula</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
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        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
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      <Model.StructuralFeature.isChangeable xmi.value='true'/>
      <Model.Attribute.isDerived xmi.value='false'/>
      <Model.TypedElement.type>
        <Model.DataType xml:link='simple' href='CWMFoundation.xml#a376A84310237'/> <!--
          CWMFoundation.ExpressionNode -->
      </Model.TypedElement.type>
    </Model.Attribute>
    <Model.Reference>
      <Model.ModelElement.name>memberSelection</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
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        <XMI.field>-1</XMI.field>
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        <XMI.field>>true</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a36F91E2C00D9'/> <!-- Olap.MemberSelection -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a37BE29740058'/> <!--
          Olap.CubeRegionReferencesMemberSelections.memberSelection -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

```

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    </Model.Reference.referencedEnd>
  </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Dimension -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a3777B4770109'>
  <Model.ModelElement.name>Dimension</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
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      Foundation.Core.Class -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
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        <XMI.field>1</XMI.field>
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        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.Attribute.isDerived xmi.value='false' />
      <Model.TypedElement.type>
        <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6F650276' /> <!--
          Foundation.Data.Types.Boolean -->
      </Model.TypedElement.type>
    </Model.Attribute>
    <Model.Attribute xmi.id='a37781F670265'>
      <Model.ModelElement.name>isMeasure</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
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        <XMI.field>1</XMI.field>
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        <XMI.field>>false</XMI.field>
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      <Model.Attribute.isDerived xmi.value='false' />
      <Model.TypedElement.type>
        <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6F650276' /> <!--
          Foundation.Data.Types.Boolean -->
      </Model.TypedElement.type>
    </Model.Attribute>
  <Model.Reference>
    <Model.ModelElement.name>displayDefault</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level' />
    <Model.Feature.visibility xmi.value='public_vis' />
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    <XMI.field>>false</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypeElement.type>
    <Model.Class xmi.idref='a36F91D39014A'/> <!-- Olap.Hierarchy -->
  </Model.TypeElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a378EBB2B010C'/> <!--
      Olap.DimensionHasDefaultHierarchy.displayDefault -->
  </Model.Reference.referencedEnd>
  </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: DimensionMap -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a37854CB00329'>
  <Model.ModelElement.name>DimensionMap</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi:link='simple' href='Transformation.xml#a374322890098'/> <!--
      Transformation.TransformationMap -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Hierarchy -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a36F91D39014A'>
  <Model.ModelElement.name>Hierarchy</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='true'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi:link='simple' href='Foundation.xml#a3298A02900FE'/> <!--
      Foundation.Core.Class -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: HierarchyLevelAssociation -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a37488CDF03BA'>
  <Model.ModelElement.name>HierarchyLevelAssociation</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>

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```

<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Class.isSingleton xmi.value='false'/>
<Model.GeneralizableElement.supertypes>
  <Model.Class xml:link='simple' href='Foundation.xml#a3298A02900FE'/> <!--
    Foundation.Core.Class -->
</Model.GeneralizableElement.supertypes>
<Model.Namespace.contents>
  <Model.Reference>
    <Model.ModelElement.name>parent</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
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      <XMI.field>1</XMI.field>
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      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a37488DB702D4'/> <!-- Olap.Level -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a37488F0000FB'/> <!--
        Olap.HierarchyLevelAssociationReferencesParentLevel.parent -->
    </Model.Reference.referencedEnd>
  </Model.Reference>
  <Model.Reference>
    <Model.ModelElement.name>child</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
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    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a37488DB702D4'/> <!-- Olap.Level -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a37488F180037'/> <!--
        Olap.HierarchyLevelAssociationReferencesChildLevel.child -->
    </Model.Reference.referencedEnd>
  </Model.Reference>
  <Model.Reference>
    <Model.ModelElement.name>listOfValues</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
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    <Model.TypedElement.type>
      <Model.Class xmi.idref='a374CB07A01FD'/> <!-- Olap.LevelMap -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a374CB10C001C'/> <!--
        Olap.HierarchyLevelAssociationOwnsLevelMaps.listOfValues -->
    </Model.Reference.referencedEnd>
  </Model.Reference>

```

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    </Model.Reference>
  <Model.Reference>
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    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
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      <XMI.field>-1</XMI.field>
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      <XMI.field>>true</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a374CB0810199'/> <!-- Olap.StructureMap -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a378C0C0100F1'/> <!--
        Olap.HierarchyLevelAssociationOwnsStructureMaps.immediateParent -->
    </Model.Reference.referencedEnd>
  </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: HierarchyMap -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a3784AE7000BC'>
  <Model.ModelElement.name>HierarchyMap</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='true'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi:link='simple' href='Transformation.xml#a374322890098'/> <!--
      Transformation.TransformationMap -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: LevelBasedHierarchy -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a37488B69027C'>
  <Model.ModelElement.name>LevelBasedHierarchy</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
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  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a36F91D39014A'/> <!-- Olap.Hierarchy -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: LevelMap -->
<!-- _____ -->
<!-- _____ -->

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<!-- _____ -->
<Model.Class xmi.id='a374CB07A01FD'>
  <Model.ModelElement.name>LevelMap</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Class.isSingleton xmi.value='false'>/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a3784AE7000BC'>/> <!-- Olap.HierarchyMap -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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      <Model.Feature.visibility xmi.value='public_vis'>/>
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        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a37488CDF03BA'>/> <!-- Olap.HierarchyLevelAssociation -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a374CB10C0008'>/> <!--
          Olap.HierarchyLevelAssociationOwnsLevelMaps.hierarchyLevelAssociation -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Measure -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a37A3C85700AE'>
  <Model.ModelElement.name>Measure</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Class.isSingleton xmi.value='false'>/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi:link='simple' href='Foundation.xml#a327BA5E802E4'>/> <!--
      Foundation.Core.Attribute -->
    <Model.Class xmi.idref='a3777B4770109'>/> <!-- Olap.Dimension -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Schema -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a36F832D2039C'>
  <Model.ModelElement.name>Schema</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>

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<Model.GeneralizableElement.isRoot xmi.value='false'/>
<Model.GeneralizableElement.isLeaf xmi.value='false'/>
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<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Class.isSingleton xmi.value='false'/>
<Model.GeneralizableElement.supertypes>
  <Model.Class xmi:link='simple' href='Model_Management.xml#a327A5D19033E'/> <!--
    Model_Management.Package -->
</Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: StructureMap -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a374CB0810199'>
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  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a3784AE7000BC'/> <!-- Olap.HierarchyMap -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
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      <Model.StructuralFeature.isChangeable xmi.value='true'/>
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        <Model.Class xmi.idref='a374992C8031C'/> <!-- Olap.valueBasedHierarchy -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a374CB11500B6'/> <!--
          Olap.valueBasedHierarchyOwnsStructureMaps.hierarchy -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
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      <Model.Feature.visibility xmi.value='public_vis'/>
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      <Model.StructuralFeature.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a37488CDF03BA'/> <!-- Olap.HierarchyLevelAssociation -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a378C0C0100E7'/> <!--
          Olap.HierarchyLevelAssociationOwnsStructureMaps.hierarchyAssociation -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

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    </Model.Reference.referencedEnd>
  </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: ValueBasedHierarchy -->
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<!-- _____ -->

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  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a36F91D39014A' /> <!-- Olap.Hierarchy -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
      <Model.ModelElement.name>immediateParent</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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      <Model.Feature.visibility xmi.value='public_vis' />
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      <Model.StructuralFeature.isChangeable xmi.value='true' />
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      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a374CB11500B7' /> <!--
          Olap.ValueBasedHierarchyOwnsStructureMaps.immediateParent -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
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</Model.Class>

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<!-- _____ -->
<!-- Contents of Class: MemberSelection -->
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<!-- _____ -->

<Model.Class xmi.id='a36F91E2C00D9'>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi:link='simple' href='Foundation.xml#a3298A02900FE' /> <!--
      Foundation.Core.Class -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a378E30500070'>
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<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.Feature.scope xmi.value='instance_level' />
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  <XMI.field>1</XMI.field>
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<Model.StructuralFeature.isChangeable xmi.value='true' />
<Model.Attribute.isDerived xmi.value='false' />
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  <Model.DataType xml:link='simple' href='CWMFoundation.xml#a376A84310237' /> <!--
    CWMFoundation.ExpressionNode -->
  </Model.TypedElement.type>
</Model.Attribute>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.Feature.visibility xmi.value='public_vis' />
  <Model.StructuralFeature.multiplicity>
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    <XMI.field>>true</XMI.field>
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  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a36F91D600196' /> <!-- Olap.CubeRegion -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a37BE2974009E' /> <!--
      Olap.CubeRegionReferencesMemberSelections.cubeRegion -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

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<!-- _____ -->
<!-- Contents of Class: Level -->
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<!-- _____ -->

<Model.Class xmi.id='a37488DB702D4'>
  <Model.ModelElement.name>Level</Model.ModelElement.name>
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  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a36F91E2C00D9' /> <!-- Olap.MemberSelection -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
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      <Model.ModelElement.name>association</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
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  </Model.Namespace.contents>
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</Model.StructuralFeature.multiplicity>
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  <Model.Class xmi.idref='a37488CDF03BA'/> <!-- Olap.HierarchyLevelAssociation -->
</Model.TypedElement.type>
<Model.Reference.referencedEnd>
  <Model.AssociationEnd xmi.idref='a37488F0000F1'/> <!--
    Olap.HierarchyLevelAssociationReferencesParentLevel.association -->
</Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>association1</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
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  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a37488CDF03BA'/> <!-- Olap.HierarchyLevelAssociation -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a37488F180041'/> <!--
      Olap.HierarchyLevelAssociationReferencesChildLevel.association -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: CodedLevel _____ -->
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<!-- _____ -->

<Model.Class xmi.id='a37A8A21000D4'>
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  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a37488DB702D4'/> <!-- Olap.Level -->
  </Model.GeneralizableElement.supertypes>
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    <Model.Attribute xmi.id='a37A8A28A00C5'>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
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    <Model.DataType xml:link='simple' href='CWMFoundation.xml#a376A84310237'/> <!--
      CWMFoundation.ExpressionNode -->
  </Model.Namespace.contents>
</Model.Class>

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    </Model.TypedElement.type>
  </Model.Attribute>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Import to: Foundation -->
<!-- -->
<!-- _____ -->

<Model.Import>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.Import.isClustered xmi.value='false' />
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='Foundation.xml|a327A5A6D02DA' />
  </Model.Import.importedNamespace>
</Model.Import>

<!-- _____ -->
<!-- -->
<!-- Import to: CWMFoundation -->
<!-- -->
<!-- _____ -->

<Model.Import>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Import.visibility xmi.value='public_vis' />
  <Model.Import.isClustered xmi.value='false' />
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='CWMFoundation.xml|a362E34450223' />
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</Model.Import>

<!-- _____ -->
<!-- -->
<!-- Import to: Transformation -->
<!-- -->
<!-- _____ -->

<Model.Import>
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  <Model.Import.isClustered xmi.value='false' />
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  </Model.Import.importedNamespace>
</Model.Import>

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<!-- -->
<!-- Import to: Model_Management -->
<!-- -->
<!-- _____ -->

<Model.Import>
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  <Model.Import.isClustered xmi.value='false' />
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='Model_Management.xml|a334ACE0C0028' />
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</Model.Import>

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<!-- _____ -->
<!-- Contents of Association: HierarchyLevelAssociationReferencesParentLevel-->
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<!-- _____ -->

<Model.Association xmi.id='a37488EFF0186'>
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    Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a37488F0000F1'>
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      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='none'>/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a37488CDF03BA'>/> <!-- Olap.HierarchyLevelAssociation -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a37488F0000FB'>
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        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a37488DB702D4'>/> <!-- Olap.Level -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: HierarchyLevelAssociationReferencesChildLevel-->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a37488F140168'>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>

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  <Model.AssociationEnd xmi.id='a37488F180037'>
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    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a37488DB702D4'/> <!-- Olap.Level -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a37488F180041'>
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    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a37488CDF03BA'/> <!-- Olap.HierarchyLevelAssociation -->
    </Model.TypedElement.type>
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</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: HierarchyLevelAssociationOwnsLevelMaps -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a374CB10B010B'>
  <Model.ModelElement.name>HierarchyLevelAssociationOwnsLevelMaps</
    Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a374CB10C0008'>
      <Model.ModelElement.name>hierarchyLevelAssociation</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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      <Model.AssociationEnd.aggregation xmi.value='composite'/>
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      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a37488CDF03BA'/> <!-- Olap.HierarchyLevelAssociation -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

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    </Model.TypedElement.type>
  </Model.AssociationEnd>
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    <Model.AssociationEnd.isChangeable xmi.value='true' />
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      <Model.Class xmi.idref='a374CB07A01FD' /> <!-- Olap.LevelMap -->
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</Model.Namespace.contents>
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<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: ValueBasedHierarchyOwnsStructureMaps -->
<!-- _____ -->
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<Model.Association xmi.id='a374CB1140118'>
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  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a374CB11500B6'>
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      <Model.AssociationEnd.isChangeable xmi.value='true' />
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        <Model.Class xmi.idref='a374992C8031C' /> <!-- Olap.ValueBasedHierarchy -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a374CB11500B7'>
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      <Model.AssociationEnd.aggregation xmi.value='none' />
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      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a374CB0810199' /> <!-- Olap.StructureMap -->
      </Model.TypedElement.type>
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  </Model.Namespace.contents>
</Model.Association>

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    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: CubeDimensionAssociationReferencesDimension-->
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<Model.Association xmi.id='a378B40D802A2'>
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    Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a378B40D9019F'>
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      <Model.AssociationEnd.isNavigable xmi.value='true' />
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      <Model.AssociationEnd.isChangeable xmi.value='true' />
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        <Model.Class xmi.idref='a3777B4770109' /> <!-- Olap.Dimension -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a378B40D901E5'>
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      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a378B40100236' /> <!-- Olap.CubeDimensionAssociation -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: HierarchyLevelAssociationOwnsStructureMaps-->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a378C0BFE024C'>
  <Model.ModelElement.name>HierarchyLevelAssociationOwnsStructureMaps</
    Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />

```

```

<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Association.isDerived xmi.value='false'/>
<Model.Namespace.contents>
  <Model.AssociationEnd xmi.id='a378C0C0100E7'>
    <Model.ModelElement.name>hierarchyAssociation</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='composite'/>
    <Model.AssociationEnd.multiplicity>
      <XMI.field>1</XMI.field>
      <XMI.field>1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>false</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a37488CDF03BA'/> <!-- Olap.HierarchyLevelAssociation -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a378C0C0100F1'>
    <Model.ModelElement.name>immediateParent</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='none'/>
    <Model.AssociationEnd.multiplicity>
      <XMI.field>1</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a374CB0810199'/> <!-- Olap.StructureMap -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: DimensionHasDefaultHierarchy -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a378EBB2802CB'>
  <Model.ModelElement.name>DimensionHasDefaultHierarchy</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a378EBB2B010C'>
      <Model.ModelElement.name>displayDefault</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>

```

```

    <Model.Class xmi.idref='a36F91D39014A'> <!-- Olap.Hierarchy -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a378EBB2B013E'>
  <Model.ModelElement.name>dimension</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true'>/>
  <Model.AssociationEnd.aggregation xmi.value='none'>/>
  <Model.AssociationEnd.multiplicity>
    <XMI.field>0</XMI.field>
    <XMI.field>1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>false</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'>/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a3777B4770109'> <!-- Olap.Dimension -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: CubeDimensionAssociationHasCalchierarchy-->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a37A791DE0002'>
  <Model.ModelElement.name>CubeDimensionAssociationHasCalchierarchy</
    Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a37A791DE0201'>
      <Model.ModelElement.name>calchierarchy</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='none'>/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a36F91D39014A'> <!-- Olap.Hierarchy -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a37A791DE021F'>
      <Model.ModelElement.name>cubeDimensionAssociation</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='none'>/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>

```

```

    <Model.Class xmi.idref='a378B40100236'/> <!-- Olap.CubeDimensionAssociation -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: CubeRegionReferencesMemberSelections -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a37BE29730219'>
  <Model.ModelElement.name>CubeRegionReferencesMemberSelections</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a37BE29740058'>
      <Model.ModelElement.name>memberSelection</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a36F91E2C00D9'/> <!-- Olap.MemberSelection -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a37BE2974009E'>
      <Model.ModelElement.name>cubeRegion</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a36F91D600196'/> <!-- Olap.CubeRegion -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Tag: org.omg.mof.idl_prefix -->
<!-- _____ -->
<!-- _____ -->

<Model.Tag>
  <Model.ModelElement.name>IDL Prefix</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Tag.tagId>org.omg.mof.idl_prefix</Model.Tag.tagId>
  <Model.Tag.values>

```

---

```
<XMI.any xmi.type='string' xmi.name=''>org.omg.cwm</XMI.any>
</Model.Tag.values>
<Model.Tag.elements>
  <Model.Package xmi.idref='a365348E80125'/> <!-- Olap -->
</Model.Tag.elements>
</Model.Tag>
</Model.Namespace.contents>
</Model.Package>
</XMI.content>
</XMI>
```

## 1.7 XML.xml

```

<?xml version = '1.0' encoding = 'ISO-8859-1' ?>
<!DOCTYPE XMI SYSTEM 'Model.dtd'>
<XMI xmi.version='1.0'>
  <XMI.header>
    <XMI.metamodel xmi.name='org.omg.Mof.Model' xmi.version='1.3' />
  </XMI.header>
  <XMI.content>

    <!-- _____ -->
    <!-- _____ -->
    <!-- Contents of Package: XML -->
    <!-- _____ -->
    <!-- _____ -->

    <Model.Package xmi.id='a379CA3670197'>
      <Model.ModelElement.name>XML</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.GeneralizableElement.isRoot xmi.value='false' />
      <Model.GeneralizableElement.isLeaf xmi.value='false' />
      <Model.GeneralizableElement.isAbstract xmi.value='false' />
      <Model.GeneralizableElement.visibility xmi.value='public_vis' />
      <Model.Namespace.contents>

        <!-- _____ -->
        <!-- _____ -->
        <!-- Contents of Class: Schema -->
        <!-- _____ -->
        <!-- _____ -->

        <Model.Class xmi.id='a3786599903AB'>
          <Model.ModelElement.name>Schema</Model.ModelElement.name>
          <Model.ModelElement.annotation> </Model.ModelElement.annotation>
          <Model.GeneralizableElement.isRoot xmi.value='false' />
          <Model.GeneralizableElement.isLeaf xmi.value='false' />
          <Model.GeneralizableElement.isAbstract xmi.value='false' />
          <Model.GeneralizableElement.visibility xmi.value='public_vis' />
          <Model.Class.isSingleton xmi.value='false' />
          <Model.GeneralizableElement.supertypes>
            <Model.Class xml:link='simple' href='Model_Management.xml#a327A5D19033E' /> <!--
              Model_Management.Package -->
          </Model.GeneralizableElement.supertypes>
          <Model.Namespace.contents>
            <Model.Attribute xmi.id='a3796325B039A'>
              <Model.ModelElement.name>version</Model.ModelElement.name>
              <Model.ModelElement.annotation> </Model.ModelElement.annotation>
              <Model.Feature.scope xmi.value='instance_level' />
              <Model.Feature.visibility xmi.value='public_vis' />
              <Model.StructuralFeature.multiplicity>
                <XMI.field>1</XMI.field>
                <XMI.field>1</XMI.field>
                <XMI.field>>false</XMI.field>
                <XMI.field>>false</XMI.field>
              </Model.StructuralFeature.multiplicity>
              <Model.StructuralFeature.isChangeable xmi.value='true' />
              <Model.Attribute.isDerived xmi.value='false' />
              <Model.TypedElement.type>
                <Model.DataType xml:link='simple' href='Foundation.xml#a33DD702401B8' /> <!--
                  Foundation.Data_Types.String -->
              </Model.TypedElement.type>
            </Model.Attribute>
            <Model.Attribute xmi.id='a379633FF038E'>
              <Model.ModelElement.name>xmlNamespace</Model.ModelElement.name>
              <Model.ModelElement.annotation> </Model.ModelElement.annotation>
              <Model.Feature.scope xmi.value='instance_level' />

```

```

    <Model.Feature.visibility xmi.value='public_vis' />
    <Model.StructuralFeature.multiplicity>
      <XMI.field>1</XMI.field>
      <XMI.field>1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true' />
    <Model.Attribute.isDerived xmi.value='false' />
    <Model.TypedElement.type>
      <Model.DataType xml:link='simple' href='Foundation.xml#a33DD702401B8' /> <!--
        Foundation.Data_Types.String -->
    </Model.TypedElement.type>
  </Model.Attribute>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: ElementType -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a378659AF0258'>
  <Model.ModelElement.name>ElementType</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a3298A02900FE' /> <!--
      Foundation.Core.Class -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
      <Model.ModelElement.name>content</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3796417C012B' /> <!-- XML.Content -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a37B5A6E0001A' /> <!-- XML.ElementTypeContent.content
          -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
    <Model.Reference>
      <Model.ModelElement.name>owner</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>true</XMI.field>
      </Model.StructuralFeature.multiplicity>

```

```

    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a3796417C012B'/> <!-- XML.Content -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a37B640A002A6'/> <!-- XML.ContentElementType.owner -
        -->
    </Model.Reference.referencedEnd>
  </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Attribute -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a379631680282'>
  <Model.ModelElement.name>Attribute</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a327BA5E802E4'/> <!--
      Foundation.Core.Attribute -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a379638FD01A6'>
      <Model.ModelElement.name>defaultKind</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'/>
      <Model.Attribute.isDerived xmi.value='false'/>
      <Model.TypedElement.type>
        <Model.DataType xmi.idref='a37B5AF5001F2'/> <!-- XML.AttributeDefault -->
      </Model.TypedElement.type>
    </Model.Attribute>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Content -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a3796417C012B'>
  <Model.ModelElement.name>Content</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC'/> <!--

```

```

Foundation.Core.ModelElement -->
</Model.GeneralizableElement.supertypes>
<Model.Namespace.contents>
  <Model.Attribute xmi.id='a37964D7E0065'>
    <Model.ModelElement.name>contentType</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'>/>
    <Model.Feature.visibility xmi.value='public_vis'>/>
    <Model.StructuralFeature.multiplicity>
      <XMI.field>1</XMI.field>
      <XMI.field>1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'>/>
    <Model.Attribute.isDerived xmi.value='false'>/>
    <Model.TypedElement.type>
      <Model.DataType xmi.idref='a37B5B09E035B'>/> <!-- XML.ContentType -->
    </Model.TypedElement.type>
  </Model.Attribute>
  <Model.Attribute xmi.id='a37B6364A0070'>
    <Model.ModelElement.name>occurrence</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'>/>
    <Model.Feature.visibility xmi.value='public_vis'>/>
    <Model.StructuralFeature.multiplicity>
      <XMI.field>1</XMI.field>
      <XMI.field>1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'>/>
    <Model.Attribute.isDerived xmi.value='false'>/>
    <Model.TypedElement.type>
      <Model.DataType xmi.idref='a37B5C29302FE'>/> <!-- XML.OccurrenceType -->
    </Model.TypedElement.type>
  </Model.Attribute>
  <Model.Reference>
    <Model.ModelElement.name>elementType</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'>/>
    <Model.Feature.visibility xmi.value='public_vis'>/>
    <Model.StructuralFeature.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'>/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a378659AF0258'>/> <!-- XML.ElementType -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a37B5A6E00038'>/> <!--
        XML.ElementTypeContent.elementType -->
    </Model.Reference.referencedEnd>
  </Model.Reference>
  <Model.Reference>
    <Model.ModelElement.name>ownedElement</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'>/>
    <Model.Feature.visibility xmi.value='public_vis'>/>
    <Model.StructuralFeature.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.StructuralFeature.multiplicity>
  </Model.Reference>

```

```

</Model.StructuralFeature.multiplicity>
<Model.StructuralFeature.isChangeable xmi.value='true'/>
<Model.TypedElement.type>
  <Model.Class xmi.idref='a378659AF0258'/> <!-- XML.ElementType -->
</Model.TypedElement.type>
<Model.Reference.referencedEnd>
  <Model.AssociationEnd xmi.idref='a37B640A0027E'/> <!--
    XML.ContentElementType.ownedElement -->
</Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: ElementContent -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a3796465A0087'>
  <Model.ModelElement.name>ElementContent</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a3796417C012B'/> <!-- XML.Content -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a37B5C61700FC'>
      <Model.ModelElement.name>elementContentType</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'/>
      <Model.Attribute.isDerived xmi.value='false'/>
      <Model.TypedElement.type>
        <Model.DataType xmi.idref='a37B5C648003E'/> <!-- XML.ElementContentType -->
      </Model.TypedElement.type>
    </Model.Attribute>
    <Model.Reference>
      <Model.ModelElement.name>ownedContent</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
      <Model.StructuralFeature.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3796465A0087'/> <!-- XML.ElementContent -->
      </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a37B641D50123'/> <!--
        XML.OwnedElementContent.ownedContent -->
    </Model.Reference.referencedEnd>
  </Model.Namespace.contents>
</Model.Class>

```

```

    </Model.Reference>
  <Model.Reference>
    <Model.ModelElement.name>owner</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a3796465A0087'/> <!-- XML.ElementContent -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a37B641D500FB'/> <!-- XML.OwnedElementContent.owner
      -->
    </Model.Reference.referencedEnd>
  </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: MixedContent -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a3796466F03DB'>
  <Model.ModelElement.name>MixedContent</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a3796417C012B'/> <!-- XML.Content -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of DataType: AttributeDefault -->
<!-- _____ -->
<!-- _____ -->

<Model.DataType xmi.id='a37B5AF5001F2'>
  <Model.ModelElement.name>AttributeDefault</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcEnum xmi.tcName='AttributeDefault' xmi.tcId=''>
        <XMI.CorbaTcEnumLabel xmi.tcName='xml_required'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='xml_implied'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='xml_default'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='xml_fixed'/>
      </XMI.CorbaTcEnum>
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

```

```

<!-- _____ -->
<!-- -->
<!-- Contents of DataType: ContentType -->
<!-- -->
<!-- _____ -->

<Model.DataType xmi.id='a37B5B09E035B'>
  <Model.ModelElement.name>ContentType</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcEnum xmi.tcName='ContentType' xmi.tcId=''>
        <XMI.CorbaTcEnumLabel xmi.tcName='xml_empty'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='xml_any'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='xml_mixed'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='xml_element'/>
      </XMI.CorbaTcEnum>
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- -->
<!-- Contents of DataType: OccurrenceType -->
<!-- -->
<!-- _____ -->

<Model.DataType xmi.id='a37B5C29302FE'>
  <Model.ModelElement.name>OccurrenceType</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcEnum xmi.tcName='OccurrenceType' xmi.tcId=''>
        <XMI.CorbaTcEnumLabel xmi.tcName='xml_one'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='xml_zeroOrOne'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='xml_zeroOrMore'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='xml_oneOrMore'/>
      </XMI.CorbaTcEnum>
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- -->
<!-- Contents of DataType: ElementContentType -->
<!-- -->
<!-- _____ -->

<Model.DataType xmi.id='a37B5C648003E'>
  <Model.ModelElement.name>ElementContentType</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcEnum xmi.tcName='ElementContentType' xmi.tcId=''>

```

```

        <XMI.CorbaTypeEnumLabel xmi.tcName='xml_choice' />
        <XMI.CorbaTypeEnumLabel xmi.tcName='xml_sequence' />
    </XMI.CorbaTypeEnum>
</XMI.CorbaTypeCode>
</Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- _____ -->
<!-- Import to: Model_Management -->
<!-- _____ -->
<!-- _____ -->

<Model.Import>
  <Model.ModelElement.name>Model_Management</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Import.visibility xmi.value='public_vis' />
  <Model.Import.isClustered xmi.value='false' />
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='Model_Management.xml|a334ACE0C0028' />
  </Model.Import.importedNamespace>
</Model.Import>

<!-- _____ -->
<!-- _____ -->
<!-- Import to: Foundation -->
<!-- _____ -->
<!-- _____ -->

<Model.Import>
  <Model.ModelElement.name>Foundation</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Import.visibility xmi.value='public_vis' />
  <Model.Import.isClustered xmi.value='false' />
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='Foundation.xml|a327A5A6D02DA' />
  </Model.Import.importedNamespace>
</Model.Import>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: ElementTypeContent -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a37B5A6DE022A'>
  <Model.ModelElement.name>ElementTypeContent</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a37B5A6E0001A'>
      <Model.ModelElement.name>content</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>

```

```

    <Model.Class xmi.idref='a3796417C012B' /> <!-- XML.Content -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a37B5A6E00038'>
  <Model.ModelElement.name>elementType</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true' />
  <Model.AssociationEnd.aggregation xmi.value='composite' />
  <Model.AssociationEnd.multiplicity>
    <XMI.field>0</XMI.field>
    <XMI.field>-1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>true</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a378659AF0258' /> <!-- XML.ElementType -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: ContentElementType -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a37B6409E0299'>
  <Model.ModelElement.name>ContentElementType</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a37B640A0027E'>
      <Model.ModelElement.name>ownedElement</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a378659AF0258' /> <!-- XML.ElementType -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a37B640A002A6'>
      <Model.ModelElement.name>owner</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='composite' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3796417C012B' /> <!-- XML.Content -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

```

```

    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: OwnedElementContent -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a37B641CB01BF'>
  <Model.ModelElement.name>OwnedElementContent</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a37B641D500FB'>
      <Model.ModelElement.name>owner</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='composite' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3796465A0087' /> <!-- XML.ElementContent -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a37B641D50123'>
      <Model.ModelElement.name>ownedContent</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3796465A0087' /> <!-- XML.ElementContent -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Tags -->
<!-- _____ -->
<!-- _____ -->

<Model.Tag>
  <Model.ModelElement.name>IDL Name for Attribute</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Tag.tagId>org.omg.mof.idl_substitute_name</Model.Tag.tagId>
  <Model.Tag.values>
    <XMI.any xmi.type='string' xmi.name=''>XmlAttribute</XMI.any>
  </Model.Tag.values>
</Model.Tag>

```

```
</Model.Tag.values>
<Model.Tag.elements>
  <Model.Class xmi.idref='a379631680282' /> <!-- XML.Attribute -->
</Model.Tag.elements>
</Model.Tag>
<Model.Tag>
  <Model.ModelElement.name>IDL Prefix</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Tag.tagId>org.omg.mof.idl_prefix</Model.Tag.tagId>
  <Model.Tag.values>
    <XMI.any xmi.type='string' xmi.name=''>org.omg.cwm</XMI.any>
  </Model.Tag.values>
  <Model.Tag.elements>
    <Model.Package xmi.idref='a379CA3670197' /> <!-- XML -->
  </Model.Tag.elements>
</Model.Tag>
</Model.Namespace.contents>
</Model.Package>
</XMI.content>
</XMI>
```

## 1.8 Transformation.xml

```

<?xml version = '1.0' encoding = 'ISO-8859-1' ?>
<!DOCTYPE XMI SYSTEM 'Model.dtd'>
<XMI xmi.version='1.0'>
  <XMI.header>
    <XMI.metamodel xmi.name='org.omg.Mof.Model' xmi.version='1.3' />
  </XMI.header>
  <XMI.content>

    <!-- _____ -->
    <!-- _____ -->
    <!-- Contents of Package: Transformation -->
    <!-- _____ -->
    <!-- _____ -->

    <Model.Package xmi.id='a35E1B0B40042'>
      <Model.ModelElement.name>Transformation</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.GeneralizableElement.isRoot xmi.value='false' />
      <Model.GeneralizableElement.isLeaf xmi.value='false' />
      <Model.GeneralizableElement.isAbstract xmi.value='false' />
      <Model.GeneralizableElement.visibility xmi.value='public_vis' />
      <Model.Namespace.contents>

        <!-- _____ -->
        <!-- _____ -->
        <!-- Contents of Class: Transformation -->
        <!-- _____ -->
        <!-- _____ -->

        <Model.Class xmi.id='a36D1C5900149'>
          <Model.ModelElement.name>Transformation</Model.ModelElement.name>
          <Model.ModelElement.annotation> </Model.ModelElement.annotation>
          <Model.GeneralizableElement.isRoot xmi.value='false' />
          <Model.GeneralizableElement.isLeaf xmi.value='false' />
          <Model.GeneralizableElement.isAbstract xmi.value='false' />
          <Model.GeneralizableElement.visibility xmi.value='public_vis' />
          <Model.Class.isSingleton xmi.value='false' />
          <Model.GeneralizableElement.supertypes>
            <Model.Class xml:link='simple' href='Foundation.xml#a32B69F3A0118' /> <!--
              Foundation.Core.Namespace -->
          </Model.GeneralizableElement.supertypes>
          <Model.Namespace.contents>
            <Model.Attribute xmi.id='a37097EFD0302'>
              <Model.ModelElement.name>function</Model.ModelElement.name>
              <Model.ModelElement.annotation> </Model.ModelElement.annotation>
              <Model.Feature.scope xmi.value='instance_level' />
              <Model.Feature.visibility xmi.value='public_vis' />
              <Model.StructuralFeature.multiplicity>
                <XMI.field>1</XMI.field>
                <XMI.field>1</XMI.field>
                <XMI.field>>false</XMI.field>
                <XMI.field>>false</XMI.field>
              </Model.StructuralFeature.multiplicity>
              <Model.StructuralFeature.isChangeable xmi.value='true' />
              <Model.Attribute.isDerived xmi.value='false' />
              <Model.TypedElement.type>
                <Model.DataType xml:link='simple' href='Foundation.xml#a363559050190' /> <!--
                  Foundation.Data_Types.ProcedureExpression -->
              </Model.TypedElement.type>
            </Model.Attribute>
            <Model.Attribute xmi.id='a37449EED0210'>
              <Model.ModelElement.name>functionDescription</Model.ModelElement.name>
              <Model.ModelElement.annotation> </Model.ModelElement.annotation>
              <Model.Feature.scope xmi.value='instance_level' />

```

```

<Model.Feature.visibility xmi.value='public_vis'/>
<Model.StructuralFeature.multiplicity>
  <XMI.field>1</XMI.field>
  <XMI.field>1</XMI.field>
  <XMI.field>>false</XMI.field>
  <XMI.field>>false</XMI.field>
</Model.StructuralFeature.multiplicity>
<Model.StructuralFeature.isChangeable xmi.value='true'/>
<Model.Attribute.isDerived xmi.value='false'/>
<Model.TypedElement.type>
  <Model.DataType xml:link='simple' href='Foundation.xml#a33DD702401B8'/> <!--
    Foundation.Data_Types.String -->
</Model.TypedElement.type>
</Model.Attribute>
<Model.Attribute xmi.id='a37449EFF00FE'>
  <Model.ModelElement.name>isPrimary</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
    <XMI.field>1</XMI.field>
    <XMI.field>1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>false</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.Attribute.isDerived xmi.value='false'/>
  <Model.TypedElement.type>
    <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6F650276'/> <!--
      Foundation.Data_Types.Boolean -->
  </Model.TypedElement.type>
</Model.Attribute>
<Model.Reference>
  <Model.ModelElement.name>source</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
    <XMI.field>1</XMI.field>
    <XMI.field>-1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>true</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a36D1C6960146'/> <!-- Transformation.DataObjectSet -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a36D1C87601BE'/> <!--
      Transformation.TransformationSource.source -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>target</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
    <XMI.field>1</XMI.field>
    <XMI.field>-1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>true</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a36D1C6960146'/> <!-- Transformation.DataObjectSet -->
  </Model.TypedElement.type>

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```

<Model.Reference.referencedEnd>
  <Model.AssociationEnd xmi.idref='a36D1C8880232' /> <!--
    Transformation.TransformationTarget.target -->
</Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>task</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level' />
  <Model.Feature.visibility xmi.value='public_vis' />
  <Model.StructuralFeature.multiplicity>
    <XMI.field>0</XMI.field>
    <XMI.field>-1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>true</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a36D58FEC013E' /> <!-- Transformation.TransformationTask -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a3744AC390341' /> <!--
      Transformation.TransformationTaskTransformation.task -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: DataObjectSet -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a36D1C6960146'>
  <Model.ModelElement.name>DataObjectSet</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC' /> <!--
      Foundation.Core.ModelElement -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
      <Model.ModelElement.name>transformationOfSource</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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      <Model.Feature.visibility xmi.value='public_vis' />
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      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a36D1C5900149' /> <!-- Transformation.Transformation -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a36D1C87601B4' /> <!--
          Transformation.TransformationSource.transformationOfSource -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

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<Model.Reference>
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  <Model.Feature.visibility xmi.value='public_vis' />
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  </Model.TypedElement.type>
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      Transformation.TransformationTarget.transformationOfTarget -->
  </Model.Reference.referencedEnd>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.Feature.visibility xmi.value='public_vis' />
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  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a37093FA10030' /> <!--
      Transformation.DataObjectSetElement.element -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: TransformationTask -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a36D58FEC013E'>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a33F59891028A' /> <!--
      Foundation.Core.Component -->
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  <Model.Namespace.contents>
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<Model.Feature.visibility xmi.value='public_vis'>
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  <Model.AssociationEnd xmi.idref='a36D59A84004D'> <!--
    Transformation.TransformationStepTask.step -->
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  <Model.AssociationEnd xmi.idref='a36E06500016E'> <!--
    Transformation.InverseTransformationTask.inverseTask -->
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  <Model.AssociationEnd xmi.idref='a36E065000159'> <!--
    Transformation.InverseTransformationTask.originalTask -->
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    <Model.StructuralFeature.isChangeable xmi.value='true'/>
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      <Model.Class xmi.idref='a36D1C5900149'/> <!-- Transformation.Transformation -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a3744AC390355'/> <!--
        Transformation.TransformationTaskTransformation.transformation -->
    </Model.Reference.referencedEnd>
  </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: TransformationStep -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a36D590F003B9'>
  <Model.ModelElement.name>TransformationStep</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC'/> <!--
      Foundation.Core.ModelElement -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
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      <Model.ModelElement.name>task</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
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        <XMI.field>>false</XMI.field>
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      <Model.StructuralFeature.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a36D58FEC013E'/> <!-- Transformation.TransformationTask -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a36D59A840057'/> <!--
          Transformation.TransformationStepTask.task -->
      </Model.Reference.referencedEnd>
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</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: TransformationActivity -->
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<!-- _____ -->

<Model.Class xmi.id='a36E070680112'>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
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<Model.Class.isSingleton xmi.value='false'/>
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  <Model.Class xml:link='simple' href='Model_Management.xml#a33CD6DE5030C'/> <!--
    Model_Management.Subsystem -->
</Model.GeneralizableElement.supertypes>
<Model.Namespace.contents>
  <Model.Attribute xmi.id='a36E4629500E6'>
    <Model.ModelElement.name>creationDate</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
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      <XMI.field>1</XMI.field>
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      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.Attribute.isDerived xmi.value='false'/>
    <Model.TypedElement.type>
      <Model.DataType xml:link='simple' href='Foundation.xml#a33DD702401B8'/> <!--
        Foundation.Data.Types.String -->
      </Model.TypedElement.type>
    </Model.Attribute>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: PrecedenceConstrainedBy -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a36E071090100'>
  <Model.ModelElement.name>PrecedenceConstrainedBy</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a327A646F00E6'/> <!--
      Foundation.Core.Dependency -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: TransformationConstrainedBy -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a36E0713701d8'>
  <Model.ModelElement.name>TransformationConstrainedBy</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
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  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a327A646F00E6'/> <!--
      Foundation.Core.Dependency -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

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<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: TransformationUse -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a36E071EC03C3'>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi:link='simple' href='Foundation.xml#a33E8FEF701E0' /> <!--
      Foundation.Core.Usage -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a36E465970039'>
      <Model.ModelElement.name>type</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
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      <Model.Attribute.isDerived xmi.value='false'/>
      <Model.TypedElement.type>
        <Model.DataType xmi:link='simple' href='Foundation.xml#a33DD702401B8' /> <!--
          Foundation.Data_Types.String -->
      </Model.TypedElement.type>
    </Model.Attribute>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: TransformationMap -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a374322890098'>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a36D1C5900149' /> <!-- Transformation.Transformation -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: TransformationTree -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a374322B301CE'>
  <Model.ModelElement.name>TransformationTree</Model.ModelElement.name>

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<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.GeneralizableElement.isRoot xmi.value='false'/>
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<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Class.isSingleton xmi.value='false'/>
<Model.GeneralizableElement.supertypes>
  <Model.Class xmi.idref='a36D1C5900149'/> <!-- Transformation.Transformation -->
</Model.GeneralizableElement.supertypes>
<Model.Namespace.contents>
  <Model.Attribute xmi.id='a37498C0303A3'>
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    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
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    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.Attribute.isDerived xmi.value='false'/>
    <Model.TypedElement.type>
      <Model.DataType xmi.idref='a37B2FFD8035B'/> <!-- Transformation.TreeType -->
    </Model.TypedElement.type>
  </Model.Attribute>
  <Model.Attribute xmi.id='a37498C0F0288'>
    <Model.ModelElement.name>body</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
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    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.Attribute.isDerived xmi.value='false'/>
    <Model.TypedElement.type>
      <Model.DataType xmi:link='simple' href='CWMFoundation.xml#a376A84310237'/> <!--
        CWMFoundation.ExpressionNode -->
    </Model.TypedElement.type>
  </Model.Attribute>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: ClassMap -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a374324450028'>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi:link='simple' href='Foundation.xml#a32B69F3A0118'/> <!--
      Foundation.Core.Namespace -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>

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```

<Model.Reference>
  <Model.ModelElement.name>source</Model.ModelElement.name>
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  <Model.Feature.visibility xmi.value='public_vis' />
  <Model.StructuralFeature.multiplicity>
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  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xml:link='simple' href='Foundation.xml#a3298A02900FE' /> <!--
      Foundation.Core.Class -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a374988C0012C' /> <!--
      Transformation.ClassMapSource.source -->
  </Model.Reference.referencedEnd>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.Feature.visibility xmi.value='public_vis' />
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  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xml:link='simple' href='Foundation.xml#a3298A02900FE' /> <!--
      Foundation.Core.Class -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a374988DB02ED' /> <!--
      Transformation.ClassMapTarget.target -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: AttributeMap -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a374324600063'>
  <Model.ModelElement.name>AttributeMap</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC' /> <!--
      Foundation.Core.ModelElement -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
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<Model.Feature.scope xmi.value='instance_level'/>
<Model.Feature.visibility xmi.value='public_vis'/>
<Model.StructuralFeature.multiplicity>
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  <XMI.field>>true</XMI.field>
</Model.StructuralFeature.multiplicity>
<Model.StructuralFeature.isChangeable xmi.value='true'/>
<Model.TypedElement.type>
  <Model.Class xmi:link='simple' href='Foundation.xml#a327BA5E802E4'/> <!--
    Foundation.Core.Attribute -->
</Model.TypedElement.type>
<Model.Reference.referencedEnd>
  <Model.AssociationEnd xmi.idref='a374989670244'/> <!--
    Transformation.AttributeMapSource.source -->
</Model.Reference.referencedEnd>
</Model.Reference>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
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  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi:link='simple' href='Foundation.xml#a327BA5E802E4'/> <!--
      Foundation.Core.Attribute -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a37498970019D'/> <!--
      Transformation.AttributeMapTarget.target -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of DataType: TreeType -->
<!-- _____ -->
<!-- _____ -->

<Model.DataType xmi.id='a37B2FFD8035B'>
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  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
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        <XMI.CorbaTcEnumLabel xmi.tcName='binary'/>
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<!-- Import to: Foundation                                -->
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  <Model.Import.isClustered xmi.value='false' />
  <Model.Import.importedNamespace>
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  </Model.Import.importedNamespace>
</Model.Import>

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<!-- _____ -->
<!-- Import to: Model_Management                        -->
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<!-- _____ -->

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  <Model.Import.importedNamespace>
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</Model.Import>

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<!-- _____ -->
<!-- Import to: CWMFoundation                          -->
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<!-- _____ -->

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  <Model.Import.importedNamespace>
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</Model.Import>

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<!-- _____ -->
<!-- Contents of Association: TransformationSource      -->
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<!-- _____ -->

<Model.Association xmi.id='a36D1C872001E'>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
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    <Model.AssociationEnd xmi.id='a36D1C87601B4'>
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      <Model.AssociationEnd.aggregation xmi.value='none' />
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  <Model.AssociationEnd.isChangeable xmi.value='true'/>
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  </Model.TypedElement.type>
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  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
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<!-- _____ -->
<!-- Contents of Association: TransformationTarget -->
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<!-- _____ -->

<Model.Association xmi.id='a36D1C886035C'>
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      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
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</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: TransformationStepTask -->
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<!-- _____ -->

<Model.Association xmi.id='a36D59A820285'>
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      <Model.AssociationEnd.aggregation xmi.value='none'>
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      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a36D590F003B9'> <!-- Transformation.TransformationStep -->
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    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a36D59A840057'>
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      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>
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        <Model.Class xmi.idref='a36D58FEC013E'> <!-- Transformation.TransformationTask -->
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    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

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<!-- _____ -->
<!-- Contents of Association: InverseTransformationTask -->
<!-- _____ -->
<!-- _____ -->

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<Model.Association xmi.id='a36E064FC0366'>
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  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a36E065000159'>
      <Model.ModelElement.name>originalTask</Model.ModelElement.name>
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      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='none'>/>
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        <XMI.field>>true</XMI.field>
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      <Model.TypedElement.type>
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      </Model.TypedElement.type>
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  </Model.Namespace.contents>
</Model.Association>

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<!-- _____ -->
<!-- Contents of Association: DataObjectSetElement -->
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<!-- _____ -->

<Model.Association xmi.id='a37093F9E02FD'>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a37093FA10030'>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
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    <Model.Class xmi:link='simple' href='Foundation.xml#a327A5C7301CC'> <!--
      Foundation.Core.ModelElement -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a37093FA10153'>
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    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'>
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    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

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<!-- _____ -->
<!-- Contents of Association: TransformationTaskTransformation -->
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<Model.Association xmi.id='a3744AC38012D'>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>
  <Model.Association.isDerived xmi.value='false'>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a3744AC390341'>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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      <Model.AssociationEnd.isChangeable xmi.value='true'>
      <Model.TypedElement.type>
        <Model.Class xmi:idref='a36D58FEC013E'> <!-- Transformation.TransformationTask -->
      </Model.TypedElement.type>
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    <Model.AssociationEnd xmi.id='a3744AC390355'>
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  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

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<!-- -->
<!-- Contents of Association: ClassMapSource -->
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<!-- _____ -->

<Model.Association xmi.id='a374988B70269'>
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  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a374988C0012C'>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
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      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xml:link='simple' href='Foundation.xml#a3298A02900FE' /> <!--
          Foundation.Core.Class -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a374988C00186'>
      <Model.ModelElement.name>classMap</Model.ModelElement.name>
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        <Model.Class xmi.idref='a374324450028' /> <!-- Transformation.ClassMap -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

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<!-- -->
<!-- Contents of Association: ClassMapTarget -->
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<!-- _____ -->

<Model.Association xmi.id='a374988D40333'>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a374988DB02ED'>
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      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xml:link='simple' href='Foundation.xml#a3298A02900FE'> <!--
          Foundation.Core.Class -->
        </Model.TypedElement.type>
      </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a374988DB031F'>
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      <Model.AssociationEnd.aggregation xmi.value='none'>/>
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      <Model.TypedElement.type>
        <Model.Class xmi.idref='a374324450028'> <!-- Transformation.ClassMap -->
        </Model.TypedElement.type>
      </Model.AssociationEnd>
    </Model.Namespace.contents>
  </Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: AttributeMapSource -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a3749896100F1'>
  <Model.ModelElement.name>AttributeMapSource</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a374989670244'>
      <Model.ModelElement.name>source</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
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  </Model.Namespace.contents>
</Model.Association>

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</Model.AssociationEnd.multiplicity>
<Model.AssociationEnd.isChangeable xmi.value='true'/>
<Model.TypedElement.type>
  <Model.Class xmi:link='simple' href='Foundation.xml#a327BA5E802E4'/> <!--
    Foundation.Core.Attribute -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a3749896702EE'>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true'/>
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  <Model.AssociationEnd.multiplicity>
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  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi:idref='a374324600063'/> <!-- Transformation.AttributeMap -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: AttributeMapTarget -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a3749896C01BF'>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a37498970019D'>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
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      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi:link='simple' href='Foundation.xml#a327BA5E802E4'/> <!--
          Foundation.Core.Attribute -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a3749897001D9'>
      <Model.ModelElement.name>attributeMap</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>

```

```

    <Model.AssociationEnd.aggregation xmi.value='none' />
    <Model.AssociationEnd.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true' />
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a374324600063' /> <!-- Transformation.AttributeMap -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Tag: org.omg.mof.idl_prefix -->
<!-- _____ -->
<!-- _____ -->

<Model.Tag>
  <Model.ModelElement.name>IDL Prefix</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Tag.tagId>org.omg.mof.idl_prefix</Model.Tag.tagId>
  <Model.Tag.values>
    <XMI.any xmi.type='string' xmi.name=''>org.omg.cwm</XMI.any>
  </Model.Tag.values>
  <Model.Tag.elements>
    <Model.Package xmi.idref='a35E1B0B40042' /> <!-- Transformation -->
  </Model.Tag.elements>
</Model.Tag>
</Model.Namespace.contents>
</Model.Package>
</XMI.content>
</XMI>

```

## 1.9 WarehouseDeployment.xml

```

<?xml version = '1.0' encoding = 'ISO-8859-1' ?>
<!DOCTYPE XMI SYSTEM 'Model.dtd'>
<XMI xmi.version='1.0'>
  <XMI.header>
    <XMI.metamodel xmi.name='org.omg.Mof.Model' xmi.version='1.3' />
  </XMI.header>
  <XMI.content>

    <!-- _____ -->
    <!-- -->
    <!-- Contents of Package: warehouseDeployment -->
    <!-- -->
    <!-- _____ -->

    <Model.Package xmi.id='a3731C42F0314'>
      <Model.ModelElement.name>warehouseDeployment</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.GeneralizableElement.isRoot xmi.value='false' />
      <Model.GeneralizableElement.isLeaf xmi.value='false' />
      <Model.GeneralizableElement.isAbstract xmi.value='false' />
      <Model.GeneralizableElement.visibility xmi.value='public_vis' />
      <Model.Namespace.contents>

        <!-- _____ -->
        <!-- -->
        <!-- Contents of Class: Site -->
        <!-- -->
        <!-- _____ -->

        <Model.Class xmi.id='a3731C5690320'>
          <Model.ModelElement.name>Site</Model.ModelElement.name>
          <Model.ModelElement.annotation> </Model.ModelElement.annotation>
          <Model.GeneralizableElement.isRoot xmi.value='false' />
          <Model.GeneralizableElement.isLeaf xmi.value='false' />
          <Model.GeneralizableElement.isAbstract xmi.value='false' />
          <Model.GeneralizableElement.visibility xmi.value='public_vis' />
          <Model.Class.isSingleton xmi.value='false' />
          <Model.GeneralizableElement.supertypes>
            <Model.Class xml:link='simple' href='CWMFoundation.xml#a3731CF0A02C6' /> <!--
              CWMFoundation.Location -->
          </Model.GeneralizableElement.supertypes>
          <Model.Namespace.contents>
            <Model.Reference>
              <Model.ModelElement.name>containedSite</Model.ModelElement.name>
              <Model.ModelElement.annotation> </Model.ModelElement.annotation>
              <Model.Feature.scope xmi.value='instance_level' />
              <Model.Feature.visibility xmi.value='public_vis' />
              <Model.StructuralFeature.multiplicity>
                <XMI.field>0</XMI.field>
                <XMI.field>-1</XMI.field>
                <XMI.field>>false</XMI.field>
                <XMI.field>>true</XMI.field>
              </Model.StructuralFeature.multiplicity>
              <Model.StructuralFeature.isChangeable xmi.value='true' />
              <Model.TypedElement.type>
                <Model.Class xmi.idref='a3731C5690320' /> <!-- warehouseDeployment.Site -->
              </Model.TypedElement.type>
              <Model.Reference.referencedEnd>
                <Model.AssociationEnd xmi.idref='a374030990233' /> <!--
                  WarehouseDeployment.RelatedSites.containedSite -->
              </Model.Reference.referencedEnd>
            </Model.Reference>
            <Model.Reference>
              <Model.ModelElement.name>containingSite</Model.ModelElement.name>

```

```

<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.Feature.scope xmi.value='instance_level' />
<Model.Feature.visibility xmi.value='public_vis' />
<Model.StructuralFeature.multiplicity>
  <XMI.field>0</XMI.field>
  <XMI.field>-1</XMI.field>
  <XMI.field>>false</XMI.field>
  <XMI.field>>true</XMI.field>
</Model.StructuralFeature.multiplicity>
<Model.StructuralFeature.isChangeable xmi.value='true' />
<Model.TypedElement.type>
  <Model.Class xmi.idref='a3731C5690320' /> <!-- warehouseDeployment.Site -->
</Model.TypedElement.type>
<Model.Reference.referencedEnd>
  <Model.AssociationEnd xmi.idref='a374030990232' /> <!--
    warehouseDeployment.RelatedSites.containingSite -->
</Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>machine</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level' />
  <Model.Feature.visibility xmi.value='public_vis' />
  <Model.StructuralFeature.multiplicity>
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    <XMI.field>-1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>true</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a3731C5D500A4' /> <!-- warehouseDeployment.Machine -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a37668AC7031D' /> <!--
      warehouseDeployment.SiteMachines.machine -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Machine -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a3731C5D500A4'>
  <Model.ModelElement.name>Machine</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC' /> <!--
      Foundation.Core.ModelElement -->
  </Model.GeneralizableElement.supertypes>
</Model.Namespace.contents>
<Model.Attribute xmi.id='a37404AB20203'>
  <Model.ModelElement.name>internetAddress</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level' />
  <Model.Feature.visibility xmi.value='public_vis' />
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```

```

    <XMI.field>1</XMI.field>
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    <XMI.field>>false</XMI.field>
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  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.Attribute.isDerived xmi.value='false'/>
  <Model.TypedElement.type>
    <Model.DataType xml:link='simple' href='Foundation.xml#a33DD702401B8'/> <!--
      Foundation.Data_Types.String -->
  </Model.TypedElement.type>
</Model.Attribute>
<Model.Reference>
  <Model.ModelElement.name>deployedComponent</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
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  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a3731C67B0071'/> <!-- warehouseDeployment.DeployedComponent -
      -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a3766779B0281'/> <!--
      warehouseDeployment.ComponentsOnMachine.deployedComponent -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>site</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
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    <XMI.field>>false</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a3731C5690320'/> <!-- warehouseDeployment.Site -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a37668AC7031C'/> <!--
      warehouseDeployment.SiteMachines.site -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: SoftwareSystem -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a3731C5FD0337'>
  <Model.ModelElement.name>SoftwareSystem</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>

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<Model.GeneralizableElement.visibility xmi.value='public_vis' />
<Model.Class.isSingleton xmi.value='false' />
<Model.GeneralizableElement.supertypes>
  <Model.Class xml:link='simple' href='Model_Management.xml#a33CD6DE5030C' /> <!--
    Model_Management.Subsystem -->
</Model.GeneralizableElement.supertypes>
<Model.Namespace.contents>
  <Model.Attribute xmi.id='a3742DD1A036B'>
    <Model.ModelElement.name>supplier</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level' />
    <Model.Feature.visibility xmi.value='public_vis' />
    <Model.StructuralFeature.multiplicity>
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      <XMI.field>1</XMI.field>
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      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true' />
    <Model.Attribute.isDerived xmi.value='false' />
    <Model.TypedElement.type>
      <Model.DataType xml:link='simple' href='Foundation.xml#a33DD702401B8' /> <!--
        Foundation.Data_Types.String -->
    </Model.TypedElement.type>
  </Model.Attribute>
  <Model.Attribute xmi.id='a3731C95F004E'>
    <Model.ModelElement.name>version</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level' />
    <Model.Feature.visibility xmi.value='public_vis' />
    <Model.StructuralFeature.multiplicity>
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      <XMI.field>1</XMI.field>
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    <Model.StructuralFeature.isChangeable xmi.value='true' />
    <Model.Attribute.isDerived xmi.value='false' />
    <Model.TypedElement.type>
      <Model.DataType xml:link='simple' href='Foundation.xml#a33DD702401B8' /> <!--
        Foundation.Data_Types.String -->
    </Model.TypedElement.type>
  </Model.Attribute>
  <Model.Reference>
    <Model.ModelElement.name>deployment</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level' />
    <Model.Feature.visibility xmi.value='public_vis' />
    <Model.StructuralFeature.multiplicity>
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      <XMI.field>>true</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true' />
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a3795CFCF01CC' /> <!--
        warehouseDeployment.DeployedSoftwareSystem -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a3795D55902D9' /> <!--
        warehouseDeployment.SoftwareSystemDeployments.deployment -->
    </Model.Reference.referencedEnd>
  </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

```

```

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: DeployedComponent -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a3731C67B0071'>
  <Model.ModelElement.name>DeployedComponent</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC' /> <!--
      Foundation.Core.ModelElement -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
      <Model.ModelElement.name>component</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
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        <XMI.field>1</XMI.field>
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        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xml:link='simple' href='Foundation.xml#a33F59891028A' /> <!--
          Foundation.Core.Component -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a37666CEF03D9' /> <!--
          warehouseDeployment.ComponentDeployments.component -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
    <Model.Reference>
      <Model.ModelElement.name>machine</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
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        <XMI.field>1</XMI.field>
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        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3731C5D500A4' /> <!-- warehouseDeployment.Machine -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a3766779B0280' /> <!--
          warehouseDeployment.ComponentsOnMachine.machine -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: DeployedSoftwareSystem -->
<!-- _____ -->

```

```

<!-- _____ -->
<Model.Class xmi.id='a3795CFCF01CC'>
  <Model.ModelElement.name>DeployedSoftwareSystem</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi:link='simple' href='Model_Management.xml#a327A5D19033E' /> <!--
      Model_Management.Package -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
      <Model.ModelElement.name>softwareSystem</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
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      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3731C5FD0337' /> <!-- warehouseDeployment.SoftwareSystem -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a3795D55902DA' /> <!--
          WarehouseDeployment.SoftwareSystemDeployments.softwareSystem -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: DataResource -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a376A2BCD0186'>
  <Model.ModelElement.name>DataResource</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a3795CFCF01CC' /> <!--
      WarehouseDeployment.DeployedSoftwareSystem -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
      <Model.ModelElement.name>clientConnection</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
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      </Model.StructuralFeature.multiplicity>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

```

```

</Model.StructuralFeature.multiplicity>
<Model.StructuralFeature.isChangeable xmi.value='true' />
<Model.TypedElement.type>
  <Model.Class xmi.idref='a378357EA0015' /> <!-- WarehouseDeployment.ProviderConnection
  -->
</Model.TypedElement.type>
<Model.Reference.referencedEnd>
  <Model.AssociationEnd xmi.idref='a37835AB201BE' /> <!--
    WarehouseDeployment.ResourceConnections.clientConnection -->
</Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>dataType</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level' />
  <Model.Feature.visibility xmi.value='public_vis' />
  <Model.StructuralFeature.multiplicity>
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  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi:link='simple' href='Foundation.xml#a3298A036025B' /> <!--
      Foundation.Core.DataType -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a37835C610312' /> <!--
      WarehouseDeployment.DataResourceDataTypes.dataType -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>dataPackage</Model.ModelElement.name>
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  <Model.Feature.visibility xmi.value='public_vis' />
  <Model.StructuralFeature.multiplicity>
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  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi:link='simple' href='Model_Management.xml#a327A5D19033E' /> <!--
      Model_Management.Package -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a37B2BB3E01AE' /> <!--
      WarehouseDeployment.DataResourceDataPackage.dataPackage -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: DataProvider -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a37668549009C'>
  <Model.ModelElement.name>DataProvider</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />

```

```
<!-- _____ -->
<!-- -->
<!-- Contents of Class: ProviderConnection -->
<!-- -->
<!-- -->
<!-- -->
```

```

</Model.Attribute>
<Model.Reference>
  <Model.ModelElement.name>dataTypeMapping</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
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    <XMI.field>>true</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi:link='simple' href='CWMFoundation.xml#a37682F1A02F3'/> <!--
      CWMFoundation.DataTypeMapping -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi:idref='a376A5A670148'/> <!--
      warehouseDeployment.ConnectionDataTypeMappings.dataTypeMapping -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>dataProvider</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
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  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi:idref='a37835A6E0350'/> <!--
      warehouseDeployment.ProviderConnections.dataProvider -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>dataResource</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
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    <XMI.field>>false</XMI.field>
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  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi:idref='a376A2BCD0186'/> <!-- warehouseDeployment.DataResource -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi:idref='a37835AB201AA'/> <!--
      warehouseDeployment.ResourceConnections.dataResource -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

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<!-- -->

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<!-- Import to: CWMFoundation -->
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<!-- ----- -->

<Model.Import>
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  <Model.Import.importedNamespace>
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  </Model.Import.importedNamespace>
</Model.Import>

<!-- ----- -->
<!-- -->
<!-- Import to: Foundation -->
<!-- -->
<!-- ----- -->

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  <Model.Import.isClustered xmi.value='false' />
  <Model.Import.importedNamespace>
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  </Model.Import.importedNamespace>
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<!-- -->
<!-- Import to: Model_Management -->
<!-- -->
<!-- ----- -->

<Model.Import>
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  <Model.Import.importedNamespace>
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  </Model.Import.importedNamespace>
</Model.Import>

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<!-- -->
<!-- Contents of Association: RelatedSites -->
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<!-- ----- -->

<Model.Association xmi.id='a37403089008C'>
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  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a374030990232'>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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      <Model.AssociationEnd.aggregation xmi.value='none' />
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  </Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a374030990233'>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.AssociationEnd.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
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</Model.Namespace.contents>
</Model.Association>

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<!-- _____ -->
<!-- Contents of Association: ComponentDeployments -->
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<!-- _____ -->

<Model.Association xmi.id='a37666CEE030D'>
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  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
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      <Model.AssociationEnd.aggregation xmi.value='none' />
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      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3731c67B0071' /> <!-- warehouseDeployment.DeployedComponent -
        -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a37666CEF03D9'>
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      <Model.AssociationEnd.aggregation xmi.value='none' />
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    <Model.AssociationEnd.isChangeable xmi.value='true' />
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        <Model.Class xml:link='simple' href='Foundation.xml#a33F59891028A' /> <!--
            Foundation.Core.Component -->
    </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: ComponentsOnMachine -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a3766779A02FD'>
    <Model.ModelElement.name>ComponentsOnMachine</Model.ModelElement.name>
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    <Model.GeneralizableElement.isRoot xmi.value='false' />
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    <Model.GeneralizableElement.isAbstract xmi.value='false' />
    <Model.GeneralizableElement.visibility xmi.value='public_vis' />
    <Model.Association.isDerived xmi.value='false' />
    <Model.Namespace.contents>
        <Model.AssociationEnd xmi.id='a3766779B0280'>
            <Model.ModelElement.name>machine</Model.ModelElement.name>
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            <Model.AssociationEnd.isNavigable xmi.value='true' />
            <Model.AssociationEnd.aggregation xmi.value='composite' />
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            <Model.AssociationEnd.isChangeable xmi.value='true' />
            <Model.TypedElement.type>
                <Model.Class xmi.idref='a3731C5D500A4' /> <!-- warehouseDeployment.Machine -->
            </Model.TypedElement.type>
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        <Model.AssociationEnd xmi.id='a3766779B0281'>
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            <Model.AssociationEnd.isChangeable xmi.value='true' />
            <Model.TypedElement.type>
                <Model.Class xmi.idref='a3731C67B0071' /> <!-- warehouseDeployment.DeployedComponent -->
            </Model.TypedElement.type>
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    </Model.Namespace.contents>
</Model.Association>

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<!-- Contents of Association: SiteMachines -->
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<Model.Association xmi.id='a37668AC60399'>
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  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a37668AC7031C'>
      <Model.ModelElement.name>site</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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      <Model.AssociationEnd.aggregation xmi.value='none' />
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        <XMI.field>1</XMI.field>
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      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3731C5690320' /> <!-- warehouseDeployment.Site -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a37668AC7031D'>
      <Model.ModelElement.name>machine</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
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      <Model.AssociationEnd.isChangeable xmi.value='true' />
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      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

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<!-- -->
<!-- Contents of Association: ConnectionDataTypeMappings -->
<!-- -->
<!-- ----- -->

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  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
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    CWMFoundation.DataTypeMapping -->
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<Model.AssociationEnd xmi.id='a376A5A670149'>
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  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi:idref='a378357EA0015'/> <!-- warehouseDeployment.ProviderConnection
      -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

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<!-- _____ -->
<!-- Contents of Association: ProviderConnections -->
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<!-- _____ -->

<Model.Association xmi.id='a37835A6C0022'>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a37835A6E0350'>
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      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi:idref='a37668549009C'/> <!-- warehouseDeployment.DataProvider -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a37835A6E0351'>
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    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a378357EA0015'/> <!-- warehouseDeployment.ProviderConnection
      -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
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<!-- _____ -->
<!-- Contents of Association: ResourceConnections -->
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<!-- _____ -->

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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a37835AB201AA'>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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      <Model.AssociationEnd.aggregation xmi.value='none'/>
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      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a376A2BCD0186'/> <!-- warehouseDeployment.DataResource -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a37835AB201BE'>
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      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
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        -->
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</Model.Association>

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<!-- -->
<!-- Contents of Association: DataResourceDataTypes -->
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<!-- _____ -->

<Model.Association xmi.id='a37835C5F03CD'>
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  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
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    <Model.AssociationEnd xmi.id='a37835C610312'>
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      <Model.AssociationEnd.isChangeable xmi.value='true' />
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        <Model.Class xml:link='simple' href='Foundation.xml#a3298A036025B' /> <!--
          Foundation.Core.DataType -->
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    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a37835C61033A'>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a376A2BCD0186' /> <!-- warehouseDeployment.DataResource -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: SoftwareSystemDeployments -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a3795D5580364'>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>

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<Model.AssociationEnd xmi.id='a3795D55902D9'>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.AssociationEnd.aggregation xmi.value='none'/>
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  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a3795CFCF01CC'/> <!--
      WarehouseDeployment.DeployedSoftwareSystem -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a3795D55902DA'>
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  <Model.AssociationEnd.isNavigable xmi.value='true'/>
  <Model.AssociationEnd.aggregation xmi.value='none'/>
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  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
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    <Model.Class xmi.idref='a3731C5FD0337'/> <!-- warehouseDeployment.SoftwareSystem -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: DataResourceDataPackage -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a37B2BB3B022C'>
  <Model.ModelElement.name>DataResourceDataPackage</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a37B2BB3E01AE'>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
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        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xml:link='simple' href='Model_Management.xml#a327A5D19033E'/> <!--
          Model_Management.Package -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

```

```

</Model.AssociationEnd>
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  <Model.AssociationEnd.aggregation xmi.value='none'>
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    <XMI.field>>true</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a376A2BCD0186'> <!-- warehouseDeployment.DataResource -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Tag: org.omg.mof.idl_prefix -->
<!-- _____ -->
<!-- _____ -->

<Model.Tag>
  <Model.ModelElement.name>IDL Prefix</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Tag.tagId>org.omg.mof.idl_prefix</Model.Tag.tagId>
  <Model.Tag.values>
    <XMI.any xmi.type='string' xmi.name=''>org.omg.cwm</XMI.any>
  </Model.Tag.values>
  <Model.Tag.elements>
    <Model.Package xmi.idref='a3731C42F0314'> <!-- warehouseDeployment -->
  </Model.Tag.elements>
</Model.Tag>
</Model.Namespace.contents>
</Model.Package>
</XMI.content>
</XMI>

```

## 1.10 WarehouseOperation.xml

```

<?xml version = '1.0' encoding = 'ISO-8859-1' ?>
<!DOCTYPE XMI SYSTEM 'Model.dtd'>
<XMI xmi.version='1.0'>
  <XMI.header>
    <XMI.metamodel xmi.name='org.omg.Mof.Model' xmi.version='1.3' />
  </XMI.header>
  <XMI.content>

    <!-- _____ -->
    <!-- _____ -->
    <!-- Contents of Package: warehouseOperation -->
    <!-- _____ -->
    <!-- _____ -->

    <Model.Package xmi.id='a37419FF7000C'>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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      <Model.GeneralizableElement.isLeaf xmi.value='false' />
      <Model.GeneralizableElement.isAbstract xmi.value='false' />
      <Model.GeneralizableElement.visibility xmi.value='public_vis' />
      <Model.Namespace.contents>

        <!-- _____ -->
        <!-- _____ -->
        <!-- Contents of Class: StepExecution -->
        <!-- _____ -->
        <!-- _____ -->

        <Model.Class xmi.id='a36E070B201EB'>
          <Model.ModelElement.name>StepExecution</Model.ModelElement.name>
          <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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          <Model.GeneralizableElement.visibility xmi.value='public_vis' />
          <Model.Class.isSingleton xmi.value='false' />
          <Model.GeneralizableElement.supertypes>
            <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC' /> <!--
              Foundation.Core.ModelElement -->
          </Model.GeneralizableElement.supertypes>
          <Model.Namespace.contents>
            <Model.Attribute xmi.id='a36E468BD029B'>
              <Model.ModelElement.name>startDate</Model.ModelElement.name>
              <Model.ModelElement.annotation> </Model.ModelElement.annotation>
              <Model.Feature.scope xmi.value='instance_level' />
              <Model.Feature.visibility xmi.value='public_vis' />
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                <XMI.field>1</XMI.field>
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              <Model.Attribute.isDerived xmi.value='false' />
              <Model.TypedElement.type>
                <Model.DataType xml:link='simple' href='Foundation.xml#a33DD702703B6' /> <!--
                  Foundation.Data_Types.Time -->
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            </Model.Attribute>
            <Model.Attribute xmi.id='a36E468FC00D9'>
              <Model.ModelElement.name>endDate</Model.ModelElement.name>
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```

```

<Model.Feature.visibility xmi.value='public_vis'>
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    Foundation.Data_Types.Expression -->
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```

```

</Model.Attribute>
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      Transformation.TransformationStep -->
  </Model.TypedElement.type>
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    <Model.AssociationEnd xmi.idref='a37494BEF03B9'/> <!--
      warehouseOperation.TransformationStepExecutions.transformationStep -->
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  </Model.TypedElement.type>
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    <Model.AssociationEnd xmi.idref='a376A803803D8'/> <!--
      warehouseOperation.ActivityStepExecutions.activityExecution -->
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    <Model.Class xmi:link='simple' href='Behavioral_Elements.xml#a336990DE026C'/> <!--
      Behavioral_Elements.Common_Behavior.CallAction -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a37B3F999020A'/> <!--
      warehouseOperation.StepExecutionCallAction.callAction -->
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</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->

```

```

<!-- -->
<!-- Contents of Class: ActivityExecution -->
<!-- -->
<!-- -->
<!-- -->

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  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC' /> <!--
      Foundation.Core.ModelElement -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
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```

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      Transformation.TransformationActivity -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a376A7F99033C' /> <!--
      warehouseOperation.TransformationActivityExecutions.transformationActivit
      y -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>stepExecution</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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```

```

    <Model.Feature.visibility xmi.value='public_vis' />
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      <Model.Class xmi.idref='a36E070B201EB' /> <!-- WarehouseOperation.StepExecution -->
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    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a376A80390000' /> <!--
        WarehouseOperation.ActivityStepExecutions.stepExecution -->
    </Model.Reference.referencedEnd>
    </Model.Reference>
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<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Measurement -->
<!-- _____ -->
<!-- _____ -->

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```

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      ->
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  <Model.Attribute.isDerived xmi.value='false'/>
  <Model.TypedElement.type>
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      Foundation.Data_Types.Time -->
  </Model.TypedElement.type>
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</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Contents of DataType: MeasurementType -->
<!-- -->

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<!-- _____ -->

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  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcEnum xmi.tcName='MeasurementType' xmi.tcId=''>
        <XMI.CorbaTcEnumLabel xmi.tcName='measure'>/>
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<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: ChangeRequest -->
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<!-- _____ -->

<Model.Class xmi.id='a379DC1A90234'>
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      Foundation.Core.ModelElement -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
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      <Model.Feature.visibility xmi.value='public_vis'>/>
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      <Model.Feature.visibility xmi.value='public_vis'>/>
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  <Model.Feature.visibility xmi.value='public_vis' />
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  <Model.Attribute.isDerived xmi.value='false' />
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      Foundation.Data_Types.Time -->
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  <Model.ModelElement.name>completionDate</Model.ModelElement.name>
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  <Model.Feature.scope xmi.value='instance_level' />
  <Model.Feature.visibility xmi.value='public_vis' />

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    <Model.Attribute.isDerived xmi.value='false' />
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        Foundation.Data_Types.Time -->
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  </Model.Attribute>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Import to: Foundation -->
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<Model.Import>
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  <Model.Import.isClustered xmi.value='false' />
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  </Model.Import.importedNamespace>
</Model.Import>

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<!-- _____ -->
<!-- Contents of DataType: Float -->
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<!-- _____ -->

<Model.DataType xmi.id='aFloat'>
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  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
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    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: TransformationStepExecutions -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a37494BEF000F'>
  <Model.ModelElement.name>TransformationStepExecutions</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>

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<Model.AssociationEnd xmi.id='a37494BEF03A9'>
  <Model.ModelElement.name>execution</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true'>/>
  <Model.AssociationEnd.aggregation xmi.value='none'>/>
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  <Model.AssociationEnd.isChangeable xmi.value='true'>/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a36E070B201EB'>/> <!-- WarehouseOperation.StepExecution -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a37494BEF03B9'>
  <Model.ModelElement.name>transformationStep</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true'>/>
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  <Model.AssociationEnd.isChangeable xmi.value='true'>/>
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      Transformation.TransformationStep -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Import to: Transformation -->
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<Model.Import>
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<!-- _____ -->
<!-- Contents of Association: TransformationActivityExecutions -->
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<!-- _____ -->

<Model.Association xmi.id='a376A7F980280'>
  <Model.ModelElement.name>TransformationActivityExecutions</Model.ModelElement.name>
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  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
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<Model.AssociationEnd xmi.id='a376A7F99033C'>
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  <Model.AssociationEnd.isNavigable xmi.value='true' />
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  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xml:link='simple' href='Transformation.xml#a36E070680112' /> <!--
      Transformation.TransformationActivity -->
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.AssociationEnd.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a376A7BF10213' /> <!-- WarehouseOperation.ActivityExecution -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: ActivityStepExecutions -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a376A8038004E'>
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  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
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        <Model.Class xmi.idref='a376A7BF10213' /> <!-- WarehouseOperation.ActivityExecution -->
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  </Model.Namespace.contents>
</Model.Association>

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<Model.AssociationEnd xmi.id='a376A80390000'>
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</Model.AssociationEnd>
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</Model.Association>

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<!-- _____ -->
<!-- Contents of Association: ModelElementMeasurement -->
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<Model.Association xmi.id='a37935A9E018F'>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
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    <Model.AssociationEnd xmi.id='a37935A9F008C'>
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          Foundation.Core.ModelElement -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
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</Model.Association>

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</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: ModelElementChangeRequest -->
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<!-- _____ -->

<Model.Association xmi.id='a379DC29F011F'>
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  <Model.GeneralizableElement.isLeaf xmi.value='false' />
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  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
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      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: StepExecutionCallAction -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a37B3F9970275'>
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  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />

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<Model.Association.isDerived xmi.value='false'/>
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    <Model.AssociationEnd.isNavigable xmi.value='true'/>
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    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xml:link='simple' href='Behavioral_Elements.xml#a336990DE026C'/> <!--
        Behavioral_Elements.Common_Behavior.CallAction -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a37B3F9990214'>
    <Model.ModelElement.name>stepExecution</Model.ModelElement.name>
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    <Model.AssociationEnd.isChangeable xmi.value='true'/>
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    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
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<!-- _____ -->

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  <Model.Import.visibility xmi.value='public_vis'/>
  <Model.Import.isClustered xmi.value='false'/>
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='Behavioral_Elements.xml#a327A5A8003B6'/>
  </Model.Import.importedNamespace>
</Model.Import>

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<!-- _____ -->
<!-- Tag: org.omg.mof.idl_prefix -->
<!-- _____ -->
<!-- _____ -->

<Model.Tag>
  <Model.ModelElement.name>IDL Prefix</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Tag.tagId>org.omg.mof.idl_prefix</Model.Tag.tagId>
  <Model.Tag.values>
    <XMI.any xmi.type='string' xmi.name=''>org.omg.cwm</XMI.any>
  </Model.Tag.values>

```

```
<Model.Tag.elements>
  <Model.Package xmi.idref='a37419FF7000C' /> <!-- WarehouseOperation -->
</Model.Tag.elements>
</Model.Tag>
</Model.Namespace.contents>
</Model.Package>
</XMI.content>
</XMI>
```

## 1.11 WarehouseProcess.xml

```

<?xml version = '1.0' encoding = 'ISO-8859-1' ?>
<!DOCTYPE XMI SYSTEM 'Model.dtd'>
<XMI xmi.version='1.0'>
  <XMI.header>
    <XMI.metamodel xmi.name='org.omg.Mof.Model' xmi.version='1.3'/>
  </XMI.header>
  <XMI.content>

    <!-- _____ -->
    <!-- -->
    <!-- Contents of Package: WarehouseProcess -->
    <!-- -->
    <!-- _____ -->

    <Model.Package xmi.id='a357DC1E5015B'>
      <Model.ModelElement.name>WarehouseProcess</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.GeneralizableElement.isRoot xmi.value='false'/>
      <Model.GeneralizableElement.isLeaf xmi.value='false'/>
      <Model.GeneralizableElement.isAbstract xmi.value='false'/>
      <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
      <Model.Namespace.contents>

        <!-- _____ -->
        <!-- -->
        <!-- Contents of Package: DataType -->
        <!-- -->
        <!-- _____ -->

        <Model.Package xmi.id='a37017CC20073'>
          <Model.ModelElement.name>DataType</Model.ModelElement.name>
          <Model.ModelElement.annotation> </Model.ModelElement.annotation>
          <Model.GeneralizableElement.isRoot xmi.value='false'/>
          <Model.GeneralizableElement.isLeaf xmi.value='false'/>
          <Model.GeneralizableElement.isAbstract xmi.value='false'/>
          <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
          <Model.Namespace.contents>

            <!-- _____ -->
            <!-- -->
            <!-- Contents of DataType: RecurringType -->
            <!-- -->
            <!-- _____ -->

            <Model.DataType xmi.id='a3701832502BF'>
              <Model.ModelElement.name>RecurringType</Model.ModelElement.name>
              <Model.ModelElement.annotation> </Model.ModelElement.annotation>
              <Model.GeneralizableElement.isRoot xmi.value='false'/>
              <Model.GeneralizableElement.isLeaf xmi.value='false'/>
              <Model.GeneralizableElement.isAbstract xmi.value='false'/>
              <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
              <Model.DataType.typeCode>
                <XMI.CorbaTypeCode>
                  <XMI.CorbaTcEnum xmi.tcName='RecurringType' xmi.tcId=''>
                    <XMI.CorbaTcEnumLabel xmi.tcName='everyYear'/>
                    <XMI.CorbaTcEnumLabel xmi.tcName='everyMonth'/>
                    <XMI.CorbaTcEnumLabel xmi.tcName='everyWeek'/>
                    <XMI.CorbaTcEnumLabel xmi.tcName='everyDay'/>
                    <XMI.CorbaTcEnumLabel xmi.tcName='everyHour'/>
                    <XMI.CorbaTcEnumLabel xmi.tcName='everyMinute'/>
                  </XMI.CorbaTcEnum>
                </XMI.CorbaTypeCode>
              </Model.DataType.typeCode>
            </Model.DataType>
          
```

```

<!-- _____ -->
<!-- -->
<!-- Contents of DataType: DayOfWeek -->
<!-- -->
<!-- _____ -->

<Model.DataType xmi.id='a37018504023B'>
  <Model.ModelElement.name>DayOfWeek</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcEnum xmi.tcName='DayOfWeek' xmi.tcId=''>
        <XMI.CorbaTcEnumLabel xmi.tcName='monday'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='tuesday'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='wednesday'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='thursday'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='friday'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='saturday'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='sunday'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='workingDay'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='nonworkingDay'/>
      </XMI.CorbaTcEnum>
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- -->
<!-- Contents of DataType: Duration -->
<!-- -->
<!-- _____ -->

<Model.DataType xmi.id='a370186F201EE'>
  <Model.ModelElement.name>Duration</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcAlias xmi.tcName='Duration' xmi.tcId=''>
        <XMI.CorbaTypeCode>
          <XMI.CorbaTcString xmi.tcLength='0'/>
        </XMI.CorbaTypeCode>
      </XMI.CorbaTcAlias>
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- -->
<!-- Contents of DataType: waitRuleType -->
<!-- -->
<!-- _____ -->

<Model.DataType xmi.id='a370187A50033'>
  <Model.ModelElement.name>waitRuleType</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>

```

```

    <Model.GeneralizableElement.visibility xmi.value='public_vis' />
    <Model.DataType.typeCode>
      <XMI.CorbaTypeCode>
        <XMI.CorbaTcEnum xmi.tcName='waitRuleType' xmi.tcId=''>
          <XMI.CorbaTcEnumLabel xmi.tcName='waitForAll' />
          <XMI.CorbaTcEnumLabel xmi.tcName='waitForAny' />
        </XMI.CorbaTcEnum>
      </XMI.CorbaTypeCode>
    </Model.DataType.typeCode>
  </Model.DataType>
</Model.Namespace.contents>
</Model.Package>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Package: Events -->
<!-- _____ -->
<!-- _____ -->

<Model.Package xmi.id='a35E1B0C300D0'>
  <Model.ModelElement.name>Events</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Namespace.contents>

    <!-- _____ -->
    <!-- _____ -->
    <!-- Contents of Class: WarehouseEvent -->
    <!-- _____ -->
    <!-- _____ -->

    <Model.Class xmi.id='a37017E8501B5'>
      <Model.ModelElement.name>WarehouseEvent</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.GeneralizableElement.isRoot xmi.value='false' />
      <Model.GeneralizableElement.isLeaf xmi.value='false' />
      <Model.GeneralizableElement.isAbstract xmi.value='true' />
      <Model.GeneralizableElement.visibility xmi.value='public_vis' />
      <Model.Class.isSingleton xmi.value='false' />
      <Model.GeneralizableElement.supertypes>
        <Model.Class xml:link='simple' href='Behavioral_Elements.xml#a3288E51203DE' /> <!--
          Behavioral_Elements.State_Machines.Event -->
      </Model.GeneralizableElement.supertypes>
    </Model.Class>

    <!-- _____ -->
    <!-- _____ -->
    <!-- Contents of Class: ScheduleEvent -->
    <!-- _____ -->
    <!-- _____ -->

    <Model.Class xmi.id='a37017E8F0386'>
      <Model.ModelElement.name>ScheduleEvent</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.GeneralizableElement.isRoot xmi.value='false' />
      <Model.GeneralizableElement.isLeaf xmi.value='false' />
      <Model.GeneralizableElement.isAbstract xmi.value='true' />
      <Model.GeneralizableElement.visibility xmi.value='public_vis' />
      <Model.Class.isSingleton xmi.value='false' />
      <Model.GeneralizableElement.supertypes>
        <Model.Class xmi.idref='a37017E8501B5' /> <!-- WarehouseProcess.Events.WarehouseEvent
          -->
      </Model.GeneralizableElement.supertypes>
    </Model.Class>

```

```

<!-- _____ -->
<!-- -->
<!-- Contents of Class: PointInTimeEvent -->
<!-- -->
<!-- -->

<Model.Class xmi.id='a37017E9B0012'>
  <Model.ModelElement.name>PointInTimeEvent</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a37017E8F0386' /> <!-- warehouseProcess.Events.ScheduleEvent -
    -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Contents of Class: CustomCalendarEvent -->
<!-- -->
<!-- -->

<Model.Class xmi.id='a37017EB3019D'>
  <Model.ModelElement.name>CustomCalendarEvent</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a37017E9B0012' /> <!-- warehouseProcess.Events.PointInTimeEvent
    -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Contents of Class: CustomCalendar -->
<!-- -->
<!-- -->

<Model.Class xmi.id='a37017EE303B9'>
  <Model.ModelElement.name>CustomCalendar</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi:link='simple' href='Model_Management.xml#a327A5D19033E' /> <!--
    Model_Management.Package -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Contents of Class: CalendarDate -->
<!-- -->
<!-- -->

```

```

<Model.Class xmi.id='a37017EED006A'>
  <Model.ModelElement.name>CalendarDate</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi:link='simple' href='Foundation.xml#a327A5C7301CC' /> <!--
      Foundation.Core.ModelElement -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a370186A902EE'>
      <Model.ModelElement.name>specificDate</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>false</XMI.field>
        <XMI.field>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.Attribute.isDerived xmi.value='false' />
      <Model.TypedElement.type>
        <Model.DataType xmi:link='simple' href='Foundation.xml#a33DD702703B6' /> <!--
          Foundation.Data_Types.Time -->
      </Model.TypedElement.type>
    </Model.Attribute>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: IntervalEvent -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a37017F000053'>
  <Model.ModelElement.name>IntervalEvent</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi:idref='a37017E8F0386' /> <!-- WarehouseProcess.Events.ScheduleEvent -
      ->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a3701873601C4'>
      <Model.ModelElement.name>duration</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>false</XMI.field>
        <XMI.field>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.Attribute.isDerived xmi.value='false' />
      <Model.TypedElement.type>

```

```

        <Model.DataType xmi.idref='a370186F201EE'/> <!-- warehouseProcess.DataType.Duration
        -->
    </Model.TypedElement.type>
</Model.Attribute>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: ExternalEvent -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a37017F090132'>
<Model.ModelElement.name>ExternalEvent</Model.ModelElement.name>
<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.GeneralizableElement.isRoot xmi.value='false'/>
<Model.GeneralizableElement.isLeaf xmi.value='false'/>
<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Class.isSingleton xmi.value='false'/>
<Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a37017E8501B5'/> <!-- warehouseProcess.Events.WarehouseEvent
    -->
</Model.GeneralizableElement.supertypes>
<Model.Namespace.contents>
    <Model.Attribute xmi.id='a37018757032A'>
        <Model.ModelElement.name>description</Model.ModelElement.name>
        <Model.ModelElement.annotation> </Model.ModelElement.annotation>
        <Model.Feature.scope xmi.value='instance_level'/>
        <Model.Feature.visibility xmi.value='public_vis'/>
        <Model.StructuralFeature.multiplicity>
            <XMI.field>1</XMI.field>
            <XMI.field>1</XMI.field>
            <XMI.field>>false</XMI.field>
            <XMI.field>>false</XMI.field>
        </Model.StructuralFeature.multiplicity>
        <Model.StructuralFeature.isChangeable xmi.value='true'/>
        <Model.Attribute.isDerived xmi.value='false'/>
        <Model.TypedElement.type>
            <Model.DataType xml:link='simple' href='Foundation.xml#a33DD702401B8'/> <!--
            Foundation.Data_Types.String -->
        </Model.TypedElement.type>
    </Model.Attribute>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: InternalEvent -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a37017F12006D'>
<Model.ModelElement.name>InternalEvent</Model.ModelElement.name>
<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.GeneralizableElement.isRoot xmi.value='false'/>
<Model.GeneralizableElement.isLeaf xmi.value='false'/>
<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Class.isSingleton xmi.value='false'/>
<Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a37017E8501B5'/> <!-- warehouseProcess.Events.WarehouseEvent
    -->
</Model.GeneralizableElement.supertypes>
<Model.Namespace.contents>
    <Model.Attribute xmi.id='a3701877903A1'>

```

```

<Model.ModelElement.name>condition</Model.ModelElement.name>
<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.Feature.scope xmi.value='instance_level' />
<Model.Feature.visibility xmi.value='public_vis' />
<Model.StructuralFeature.multiplicity>
  <XMI.field>1</XMI.field>
  <XMI.field>1</XMI.field>
  <XMI.field>>false</XMI.field>
  <XMI.field>>false</XMI.field>
</Model.StructuralFeature.multiplicity>
<Model.StructuralFeature.isChangeable xmi.value='true' />
<Model.Attribute.isDerived xmi.value='false' />
<Model.TypedElement.type>
  <Model.DataType xml:link='simple' href='Foundation.xml#a33CFA9DA01D6' /> <!--
    Foundation.Data.Types.BooleanExpression -->
</Model.TypedElement.type>
</Model.Attribute>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Contents of Class: CascadeEvent -->
<!-- -->
<!-- _____ -->

<Model.Class xmi.id='a37017F230343'>
  <Model.ModelElement.name>CascadeEvent</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a37017F12006D' /> <!-- WarehouseProcess.Events.InternalEvent -
      ->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a370187CE0119'>
      <Model.ModelElement.name>waitRule</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.Attribute.isDerived xmi.value='false' />
      <Model.TypedElement.type>
        <Model.DataType xmi.idref='a370187A50033' /> <!--
          WarehouseProcess.DataType.WaitRuleType -->
      </Model.TypedElement.type>
    </Model.Attribute>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Contents of Class: RetryEvent -->
<!-- -->
<!-- _____ -->

<Model.Class xmi.id='a37017F2E0262'>

```

```

<Model.ModelElement.name>RetryEvent</Model.ModelElement.name>
<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.GeneralizableElement.isRoot xmi.value='false'/>
<Model.GeneralizableElement.isLeaf xmi.value='false'/>
<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Class.isSingleton xmi.value='false'/>
<Model.GeneralizableElement.supertypes>
  <Model.Class xmi.idref='a37017F12006D'/> <!-- warehouseProcess.Events.InternalEvent -
-->
</Model.GeneralizableElement.supertypes>
<Model.Namespace.contents>
  <Model.Attribute xmi.id='a370187F202DD'>
    <Model.ModelElement.name>waitDuration</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
      <XMI.field>1</XMI.field>
      <XMI.field>1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.Attribute.isDerived xmi.value='false'/>
    <Model.TypedElement.type>
      <Model.DataType xmi.idref='a370186F201EE'/> <!-- warehouseProcess.DataType.Duration
-->
    </Model.TypedElement.type>
  </Model.Attribute>
  <Model.Attribute xmi.id='a3701881A010E'>
    <Model.ModelElement.name>maxCount</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
      <XMI.field>1</XMI.field>
      <XMI.field>1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.Attribute.isDerived xmi.value='false'/>
    <Model.TypedElement.type>
      <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6FD7021C'/> <!--
      Foundation.DataTypes.Integer -->
    </Model.TypedElement.type>
  </Model.Attribute>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: RecurringPointInTimeEvent -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a3701844602CE'>
  <Model.ModelElement.name>RecurringPointInTimeEvent</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a37017E9B0012'/> <!-- warehouseProcess.Events.PointInTimeEvent

```

```

-->
</Model.GeneralizableElement.supertypes>
<Model.Namespace.contents>
  <Model.Attribute xmi.id='a3701846D03BB'>
    <Model.ModelElement.name>recurringType</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level' />
    <Model.Feature.visibility xmi.value='public_vis' />
    <Model.StructuralFeature.multiplicity>
      <XMI.field>1</XMI.field>
      <XMI.field>1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true' />
    <Model.Attribute.isDerived xmi.value='false' />
    <Model.TypedElement.type>
      <Model.DataType xmi.idref='a3701832502BF' /> <!--
        WarehouseProcess.DataType.RecurringType -->
    </Model.TypedElement.type>
  </Model.Attribute>
  <Model.Attribute xmi.id='a3701849B0367'>
    <Model.ModelElement.name>frequencyFactor</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level' />
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    <Model.Attribute.isDerived xmi.value='false' />
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        Foundation.Data_Types.Integer -->
    </Model.TypedElement.type>
  </Model.Attribute>
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    <Model.ModelElement.name>month</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level' />
    <Model.Feature.visibility xmi.value='public_vis' />
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    </Model.TypedElement.type>
  </Model.Attribute>
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    <Model.ModelElement.name>dayOfMonth</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level' />
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    <Model.StructuralFeature.multiplicity>
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      <XMI.field>>false</XMI.field>
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  <Model.Attribute.isDerived xmi.value='false'/>
  <Model.TypedElement.type>
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      -->
  </Model.TypedElement.type>
</Model.Attribute>
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  <Model.ModelElement.name>hour</Model.ModelElement.name>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.Feature.visibility xmi.value='public_vis'/>

```

```

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        Foundation.Data_Types.Integer -->
    </Model.TypedElement.type>
  </Model.Attribute>
</Model.Namespace.contents>
</Model.Class>
</Model.Namespace.contents>
</Model.Package>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: WarehouseProcess -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a356E122A0336'>
  <Model.ModelElement.name>WarehouseProcess</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC'/> <!--
      Foundation.Core.ModelElement -->
  </Model.GeneralizableElement.supertypes>
</Model.Namespace.contents>
  <Model.Attribute xmi.id='a3614097A0297'>
    <Model.ModelElement.name>staticDefinition</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
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      <XMI.field>>false</XMI.field>
      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.Attribute.isDerived xmi.value='false'/>
    <Model.TypedElement.type>
      <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6F650276'/> <!--
        Foundation.Data_Types.Boolean -->
    </Model.TypedElement.type>
  </Model.Attribute>
  <Model.Attribute xmi.id='a3703CA680311'>
    <Model.ModelElement.name>isSequential</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
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      <XMI.field>1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'/>

```

```

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<Model.TypedElement.type>
  <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6F650276'/> <!--
    Foundation.Data.Types.Boolean -->
</Model.TypedElement.type>
</Model.Attribute>
<Model.Reference>
  <Model.ModelElement.name>warehouseEvent</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
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    <XMI.field>>true</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a37017E8501B5'/> <!-- WarehouseProcess.Events.WarehouseEvent
      -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a3701811402D9'/> <!--
      WarehouseProcess.Event.warehouseEvent -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>internalEvent</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
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    <XMI.field>-1</XMI.field>
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    <XMI.field>>true</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a37017F12006D'/> <!-- WarehouseProcess.Events.InternalEvent -
      -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a3701811E011B'/> <!--
      WarehouseProcess.TriggeringProcess.internalEvent -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>transformationStep</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
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    <XMI.field>>false</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xml:link='simple' href='Transformation.xml#a36D590F003B9'/> <!--
      Transformation.TransformationStep -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a3769432E001F'/> <!--
      WarehouseProcess.A_transformationStep_warehouseProcess.transformationStep

```

```

-->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Import to: Behavioral_Elements -->
<!-- _____ -->
<!-- _____ -->

<Model.Import>
  <Model.ModelElement.name>Behavioral_Elements</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Import.visibility xmi.value='public_vis' />
  <Model.Import.isClustered xmi.value='false' />
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='Behavioral_Elements.xml|a327A5A8003B6' />
  </Model.Import.importedNamespace>
</Model.Import>

<!-- _____ -->
<!-- _____ -->
<!-- Import to: Model_Management -->
<!-- _____ -->
<!-- _____ -->

<Model.Import>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Import.visibility xmi.value='public_vis' />
  <Model.Import.isClustered xmi.value='false' />
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='Model_Management.xml|a334ACE0C0028' />
  </Model.Import.importedNamespace>
</Model.Import>

<!-- _____ -->
<!-- _____ -->
<!-- Import to: Foundation -->
<!-- _____ -->
<!-- _____ -->

<Model.Import>
  <Model.ModelElement.name>Foundation</Model.ModelElement.name>
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  <Model.Import.isClustered xmi.value='false' />
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='Foundation.xml|a327A5A6D02DA' />
  </Model.Import.importedNamespace>
</Model.Import>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_customCalendar_customCalendarEvent -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a370180FB0070'>
  <Model.ModelElement.name>A_customCalendar_customCalendarEvent</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />

```

```

<Model.Association.isDerived xmi.value='false'/>
<Model.Namespace.contents>
  <Model.AssociationEnd xmi.id='a370180FC00E0'>
    <Model.ModelElement.name>customCalendar</Model.ModelElement.name>
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    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='none'/>
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      <XMI.field>>false</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a37017EE303B9'/> <!-- WarehouseProcess.Events.CustomCalendar
      -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a370180FC00EA'>
    <Model.ModelElement.name>customCalendarEvent</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='none'/>
    <Model.AssociationEnd.multiplicity>
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    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a37017EB3019D'/> <!--
      WarehouseProcess.Events.CustomCalendarEvent -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: Event -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a3701811303B4'>
  <Model.ModelElement.name>Event</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a3701811402BB'>
      <Model.ModelElement.name>warehouseProcess</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='composite'/>
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      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
    </Model.AssociationEnd>
  </Model.Namespace.contents>

```

```

    <Model.Class xmi.idref='a356E122A0336' /> <!-- warehouseProcess.WarehouseProcess -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a3701811402D9'>
  <Model.ModelElement.name>warehouseEvent</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.AssociationEnd.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a37017E8501B5' /> <!-- warehouseProcess.Events.WarehouseEvent
    -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: TriggeringProcess -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a3701811B03D3'>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a3701811E00FD'>
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      <Model.AssociationEnd.aggregation xmi.value='none' />
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      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a356E122A0336' /> <!-- warehouseProcess.WarehouseProcess -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a3701811E011B'>
      <Model.ModelElement.name>internalEvent</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
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        <XMI.field>>true</XMI.field>
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      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>

```

```

        <Model.Class xmi.idref='a37017F12006D' /> <!-- warehouseProcess.Events.InternalEvent -
        -->
    </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_transformationStep_warehouseProcess -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a3769432C0398'>
  <Model.ModelElement.name>A_transformationStep_warehouseProcess</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a3769432E001F'>
      <Model.ModelElement.name>transformationStep</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
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      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xml:link='simple' href='Transformation.xml#a36D590F003B9' /> <!--
          Transformation.TransformationStep -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a3769432E0156'>
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      <Model.AssociationEnd.aggregation xmi.value='none' />
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      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a356E122A0336' /> <!-- warehouseProcess.WarehouseProcess -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Import to: Transformation -->
<!-- _____ -->
<!-- _____ -->

<Model.Import>
  <Model.ModelElement.name>Transformation</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>

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```

    <Model.Import.visibility xmi.value='public_vis' />
    <Model.Import.isClustered xmi.value='false' />
    <Model.Import.importedNamespace>
      <Model.Package xml:link='simple' href='Transformation.xml#a35E1B0B40042' />
    </Model.Import.importedNamespace>
  </Model.Import>

  <!-- _____ -->
  <!-- _____ -->
  <!-- Tag: org.omg.mof.idl_prefix -->
  <!-- _____ -->
  <!-- _____ -->

  <Model.Tag>
    <Model.ModelElement.name>IDL Prefix</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Tag.tagId>org.omg.mof.idl_prefix</Model.Tag.tagId>
    <Model.Tag.values>
      <XMI.any xmi.type='string' xmi.name=''>org.omg.cwm</XMI.any>
    </Model.Tag.values>
    <Model.Tag.elements>
      <Model.Package xmi.idref='a357DC1E5015B' /> <!-- WarehouseProcess -->
    </Model.Tag.elements>
  </Model.Tag>
</Model.Namespace.contents>
</Model.Package>
</XMI.content>
</XMI>

```

## 1.12 UML Foundation.xml

```

<?xml version = '1.0' encoding = 'ISO-8859-1' ?>
<!DOCTYPE XMI SYSTEM 'Model.dtd'>
<XMI xmi.version='1.0'>
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    <Model.Class xmi.idref='a32989FB2023D'/> <!-- Foundation.Core.Classifier -->
  </Model.GeneralizableElement.supertypes>

```

```

</Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Constraint -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a327A649B000A'>
  <Model.ModelElement.name>Constraint</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a327A5C7301CC' /> <!-- Foundation.Core.ModelElement -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a32866F630244'>
      <Model.ModelElement.name>body</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
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        <XMI.field>>false</XMI.field>
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      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.Attribute.isDerived xmi.value='false' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a33CFA9DA01D6' /> <!--
          Foundation.Data.Types.BooleanExpression -->
      </Model.TypedElement.type>
    </Model.Attribute>
    <Model.Reference>
      <Model.ModelElement.name>constrainedElement</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
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        <XMI.field>-1</XMI.field>
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      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327A5C7301CC' /> <!-- Foundation.Core.ModelElement -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a33EA67BB010E' /> <!--
          Foundation.Core.A_constrainedElement_constraint.constrainedElement -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
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</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Association -->
<!-- _____ -->
<!-- _____ -->

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<Model.Class xmi.id='a3298AE8300D9'>
  <Model.ModelElement.name>Association</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Class.isSingleton xmi.value='false'>/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a327A810D03C0'>/> <!-- Foundation.Core.GeneralizableElement -->
    <Model.Class xmi.idref='a3634C5000082'>/> <!-- Foundation.Core.Relationship -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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      <Model.Feature.visibility xmi.value='public_vis'>/>
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      <Model.StructuralFeature.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3340359400BD'>/> <!-- Foundation.Core.AssociationEnd -->
      </Model.TypedElement.type>
      <Model.Reference.referenceEnd>
        <Model.AssociationEnd xmi.idref='a32A2A510017B'>/> <!--
          Foundation.Core.A_association_connection.connection -->
      </Model.Reference.referenceEnd>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

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<!-- _____ -->
<!-- Contents of Class: Element -->
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<!-- _____ -->

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  <Model.ModelElement.name>Element</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
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<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: GeneralizableElement -->
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<!-- _____ -->

<Model.Class xmi.id='a327A810D03C0'>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='true'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Class.isSingleton xmi.value='false'>/>

```

```

<Model.GeneralizableElement.supertypes>
  <Model.Class xmi.idref='a327A5C7301CC' /> <!-- Foundation.Core.ModelElement -->
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  <Model.Attribute xmi.id='a327A877801CC'>
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    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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    <Model.Feature.visibility xmi.value='public_vis' />
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      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
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    <Model.Attribute.isDerived xmi.value='false' />
    <Model.TypedElement.type>
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    </Model.TypedElement.type>
  </Model.Attribute>
  <Model.Attribute xmi.id='a327A877E006E'>
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    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level' />
    <Model.Feature.visibility xmi.value='public_vis' />
    <Model.StructuralFeature.multiplicity>
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    <Model.Attribute.isDerived xmi.value='false' />
    <Model.TypedElement.type>
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  </Model.Attribute>
  <Model.Attribute xmi.id='a327A878400D2'>
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    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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    <Model.Feature.visibility xmi.value='public_vis' />
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    <Model.StructuralFeature.isChangeable xmi.value='true' />
    <Model.Attribute.isDerived xmi.value='false' />
    <Model.TypedElement.type>
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    </Model.TypedElement.type>
  </Model.Attribute>
  <Model.Reference>
    <Model.ModelElement.name>generalization</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level' />
    <Model.Feature.visibility xmi.value='public_vis' />
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    <Model.StructuralFeature.isChangeable xmi.value='true' />

```

```

<Model.TypedElement.type>
  <Model.Class xmi.idref='a327A8080035C' /> <!-- Foundation.Core.Generalization -->
</Model.TypedElement.type>
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  <Model.AssociationEnd xmi.idref='a335C14A50352' /> <!--
    Foundation.Core.A_child_generalization.generalization -->
</Model.Reference.referencedEnd>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level' />
  <Model.Feature.visibility xmi.value='public_vis' />
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  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a335C146B0352' /> <!--
      Foundation.Core.A_parent_specialization.specialization -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Attribute -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a327BA5E802E4'>
  <Model.ModelElement.name>Attribute</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a3298F1A403BF' /> <!-- Foundation.Core.StructuralFeature -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a327BBC7501CC'>
      <Model.ModelElement.name>initialValue</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
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      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.Attribute.isDerived xmi.value='false' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a33CFA00203A2' /> <!-- Foundation.Data_Types.Expression -->
      </Model.TypedElement.type>
    </Model.Attribute>
  </Model.Namespace.contents>
</Model.Class>

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<Model.ModelElement.name>associationEnd</Model.ModelElement.name>
<Model.ModelElement.annotation> </Model.ModelElement.annotation>
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<Model.Feature.visibility xmi.value='public_vis' />
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  <Model.Class xmi.idref='a3340359400BD' /> <!-- Foundation.Core.AssociationEnd -->
</Model.TypedElement.type>
<Model.Reference.referencedEnd>
  <Model.AssociationEnd xmi.idref='a33DBE50B001F' /> <!--
    Foundation.Core.A_qualifier_associationEnd.associationEnd -->
</Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Operation -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a327BB68C0398'>
  <Model.ModelElement.name>Operation</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a3298BCF00260' /> <!-- Foundation.Core.BehavioralFeature -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a33F0E99F0230'>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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      <Model.Feature.visibility xmi.value='public_vis' />
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      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.Attribute.isDerived xmi.value='false' />
      <Model.TypedElement.type>
        <Model.DataType xmi.idref='a33F0EC2002BC' /> <!--
          Foundation.Data_Types.CallConcurrencyKind -->
      </Model.TypedElement.type>
    </Model.Attribute>
    <Model.Attribute xmi.id='a3627CF1A035C'>
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      <Model.Feature.visibility xmi.value='public_vis' />
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  <Model.Attribute.isDerived xmi.value='false' />
  <Model.TypedElement.type>
    <Model.DataType xmi.idref='a33DD6F650276' /> <!-- Foundation.Data_Types.Boolean -->
  </Model.TypedElement.type>
</Model.Attribute>
<Model.Attribute xmi.id='a3627CF2301AE'>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.Feature.visibility xmi.value='public_vis' />
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  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.Attribute.isDerived xmi.value='false' />
  <Model.TypedElement.type>
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  </Model.TypedElement.type>
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<Model.Attribute xmi.id='a3627CF2B030C'>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level' />
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  </Model.TypedElement.type>
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  <Model.ModelElement.name>specification</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.Feature.visibility xmi.value='public_vis' />
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  <Model.Attribute.isDerived xmi.value='false' />
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    <Model.DataType xmi.idref='a33DD702401B8' /> <!-- Foundation.Data_Types.String -->
  </Model.TypedElement.type>
</Model.Attribute>
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  <Model.Feature.visibility xmi.value='public_vis' />
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    <Model.Class xmi.idref='a327BB67E0028'/> <!-- Foundation.Core.Method -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a32B6D9BE00C9'/> <!--
      Foundation.Core.A_specification_method.method -->
  </Model.Reference.referencedEnd>
  </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Parameter -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a327BBB9F02B2'>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a327A5C7301CC'/> <!-- Foundation.Core.ModelElement -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a327BE04D0096'>
      <Model.ModelElement.name>defaultValue</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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      <Model.Feature.visibility xmi.value='public_vis'/>
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      <Model.StructuralFeature.isChangeable xmi.value='true'/>
      <Model.Attribute.isDerived xmi.value='false'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a33CFA00203A2'/> <!-- Foundation.Data_Types.Expression -->
      </Model.TypedElement.type>
    </Model.Attribute>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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      <Model.Feature.visibility xmi.value='public_vis'/>
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      <Model.Attribute.isDerived xmi.value='false'/>
      <Model.TypedElement.type>
        <Model.DataType xmi.idref='a33DD6FDC024E'/> <!--
          Foundation.Data_Types.ParameterDirectionKind -->
      </Model.TypedElement.type>
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</Model.Class>

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</Model.Attribute>
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  <Model.TypedElement.type>
    <Model.Class xmi.idref='a3298BCF00260'/> <!-- Foundation.Core.BehavioralFeature -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a33599464017C'/> <!--
      Foundation.Core.A_behavioralFeature_parameter.behavioralFeature -->
  </Model.Reference.referencedEnd>
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  <Model.Feature.visibility xmi.value='public_vis'/>
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  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a32989FB2023D'/> <!-- Foundation.Core.Classifier -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a335BC7D503D4'/> <!--
      Foundation.Core.A_parameter_type.type -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Method -->
<!-- _____ -->
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  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a365EEE3B00B4'/> <!-- Foundation.Core.TemplateParameter -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a365EEE830014'/> <!--
      Foundation.Core.A_defaultElement_templateParameter3.templateParameter3 --
    >
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>binding</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
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    <XMI.field>1</XMI.field>
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    <XMI.field>>false</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a33EB89FD01F4'/> <!-- Foundation.Core.Binding -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a365EF00601D6'/> <!--
      Foundation.Core.A_binding_argument.binding -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>comment</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
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    <XMI.field>-1</XMI.field>
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    <XMI.field>>true</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>

```

```

<Model.TypedElement.type>
  <Model.Class xmi.idref='a33F675820370' /> <!-- Foundation.Core.Comment -->
</Model.TypedElement.type>
<Model.Reference.referencedEnd>
  <Model.AssociationEnd xmi.idref='a370E7E3C02CE' /> <!--
    Foundation.Core.A_comment_annotatedElement.comment -->
</Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>elementResidence</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level' />
  <Model.Feature.visibility xmi.value='public_vis' />
  <Model.StructuralFeature.multiplicity>
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    <XMI.field>>true</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a3648B41E0082' /> <!-- Foundation.Core.ElementResidence -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a3717C4430020' /> <!--
      Foundation.Core.A_resident_elementResidence.elementResidence -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>templateParameter</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level' />
  <Model.Feature.visibility xmi.value='public_vis' />
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    <XMI.field>>true</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a365EEE3B00B4' /> <!-- Foundation.Core.TemplateParameter -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a371B6E4303DA' /> <!--
      Foundation.Core.A_modelElement_templateParameter.templateParameter -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>templateParameter2</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level' />
  <Model.Feature.visibility xmi.value='public_vis' />
  <Model.StructuralFeature.multiplicity>
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    <XMI.field>-1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>true</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a365EEE3B00B4' /> <!-- Foundation.Core.TemplateParameter -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a371B6E8C02BD' /> <!--
      Foundation.Core.A_modelElement2_templateParameter2.templateParameter2 -->
  </Model.Reference.referencedEnd>

```

```

    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Contents of Class: Dependency -->
<!-- -->
<!-- _____ -->

<Model.Class xmi.id='a327A646F00E6'>
  <Model.ModelElement.name>Dependency</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='true'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Class.isSingleton xmi.value='false'>/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a3634C5000082'>/> <!-- Foundation.Core.Relationship -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
      <Model.ModelElement.name>client</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'>/>
      <Model.Feature.visibility xmi.value='public_vis'>/>
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327A5C7301CC'>/> <!-- Foundation.Core.ModelElement -->
      </Model.TypedElement.type>
      <Model.Reference.referenceEnd>
        <Model.AssociationEnd xmi.idref='a33FFE57B0395'>/> <!--
          Foundation.Core.A_client_clientDependency.client -->
      </Model.Reference.referenceEnd>
    </Model.Reference>
    <Model.Reference>
      <Model.ModelElement.name>supplier</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'>/>
      <Model.Feature.visibility xmi.value='public_vis'>/>
      <Model.StructuralFeature.multiplicity>
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        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327A5C7301CC'>/> <!-- Foundation.Core.ModelElement -->
      </Model.TypedElement.type>
      <Model.Reference.referenceEnd>
        <Model.AssociationEnd xmi.idref='a335C0D7A02A8'>/> <!--
          Foundation.Core.A_supplier_supplierDependency.supplier -->
      </Model.Reference.referenceEnd>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- -->

```

```

<!-- Contents of Class: Abstraction                                -->
<!--                                                            -->
<!-- _____ -->

<Model.Class xmi.id='a3388FE7D006E'>
  <Model.ModelElement.name>Abstraction</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Class.isSingleton xmi.value='false'>/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a327A646F00E6'> <!-- Foundation.Core.Dependency -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a33EB8A4500B4'>
      <Model.ModelElement.name>mapping</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'>/>
      <Model.Feature.visibility xmi.value='public_vis'>/>
      <Model.StructuralFeature.multiplicity>
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        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'>/>
      <Model.Attribute.isDerived xmi.value='false'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a36264EBF0276'> <!--
          Foundation.Data.Types.MappingExpression -->
      </Model.TypedElement.type>
    </Model.Attribute>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: PresentationElement                      -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a327A5C8800A0'>
  <Model.ModelElement.name>PresentationElement</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='true'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Class.isSingleton xmi.value='false'>/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a327A5C330208'> <!-- Foundation.Core.Element -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
      <Model.ModelElement.name>subject</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'>/>
      <Model.Feature.visibility xmi.value='public_vis'>/>
      <Model.StructuralFeature.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>true</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'>/>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

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```

    <Model.TypedElement.type>
    <Model.Class xmi.idref='a327A5C7301CC' /> <!-- Foundation.Core.ModelElement -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a362409A9000A' /> <!--
      Foundation.Core.A_presentation_subject.subject -->
  </Model.Reference.referencedEnd>
  </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Usage -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a33E8FEF701E0'>
  <Model.ModelElement.name>Usage</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a327A646F00E6' /> <!-- Foundation.Core.Dependency -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Binding -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a33EB89FD01F4'>
  <Model.ModelElement.name>Binding</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a327A646F00E6' /> <!-- Foundation.Core.Dependency -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
      <Model.ModelElement.name>argument</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
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        <XMI.field>true</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a327A5C7301CC' /> <!-- Foundation.Core.ModelElement -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a365EF00601D7' /> <!--
        Foundation.Core.A_binding_argument.argument -->
    </Model.Reference.referencedEnd>
  </Model.Namespace.contents>
</Model.Class>

```

```

    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Component -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a33F59891028A'>
  <Model.ModelElement.name>Component</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Class.isSingleton xmi.value='false'>/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a32989FB2023D'>/> <!-- Foundation.Core.Classifier -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
      <Model.ModelElement.name>deploymentLocation</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'>/>
      <Model.Feature.visibility xmi.value='public_vis'>/>
      <Model.StructuralFeature.multiplicity>
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        <XMI.field>-1</XMI.field>
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        <XMI.field>>true</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a33F5989A02F8'>/> <!-- Foundation.Core.Node -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a36240BF10398'>/> <!--
          Foundation.Core.A_deploymentLocation_resident.deploymentLocation -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
    <Model.Reference>
      <Model.ModelElement.name>residentElement</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'>/>
      <Model.Feature.visibility xmi.value='public_vis'>/>
      <Model.StructuralFeature.multiplicity>
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      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3648B41E0082'>/> <!-- Foundation.Core.ElementResidence -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a371B6DA80392'>/> <!--
          Foundation.Core.A_implementationLocation_residentElement.residentElement
          -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->

```

```

<!-- Contents of Class: Node -->
<!-- -->
<!-- -->
<!-- -->

<Model.Class xmi.id='a33F5989A02F8'>
  <Model.ModelElement.name>Node</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a32989FB2023b'/> <!-- Foundation.Core.Classifier -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
      <Model.ModelElement.name>resident</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
      <Model.StructuralFeature.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a33F59891028A'/> <!-- Foundation.Core.Component -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a36240BF10399'/> <!--
          Foundation.Core.A_deploymentLocation_resident.resident -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

<!-- Contents of Class: Permission -->
<!-- -->
<!-- -->
<!-- -->
<!-- -->

<Model.Class xmi.id='a33F5A6AA03CA'>
  <Model.ModelElement.name>Permission</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a327A646F00E6'/> <!-- Foundation.Core.Dependency -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- Contents of Class: Comment -->
<!-- -->
<!-- -->
<!-- -->
<!-- -->

<Model.Class xmi.id='a33F675820370'>
  <Model.ModelElement.name>Comment</Model.ModelElement.name>

```

```

<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.GeneralizableElement.isRoot xmi.value='false'/>
<Model.GeneralizableElement.isLeaf xmi.value='false'/>
<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Class.isSingleton xmi.value='false'/>
<Model.GeneralizableElement.supertypes>
  <Model.Class xmi.idref='a327A5C7301CC'/> <!-- Foundation.Core.ModelElement -->
</Model.GeneralizableElement.supertypes>
<Model.Namespace.contents>
  <Model.Reference>
    <Model.ModelElement.name>annotatedElement</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
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      <XMI.field>-1</XMI.field>
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      <XMI.field>>true</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a327A5C7301CC'/> <!-- Foundation.Core.ModelElement -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a370E7E3C02DE'/> <!--
        Foundation.Core.A_comment_annotatedElement.annotatedElement -->
    </Model.Reference.referencedEnd>
  </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Flow _____ -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a3624012E0352'>
  <Model.ModelElement.name>Flow</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a3634C5000082'/> <!-- Foundation.Core.Relationship -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
      <Model.ModelElement.name>target</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
      <Model.StructuralFeature.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327A5C7301CC'/> <!-- Foundation.Core.ModelElement -->
      </Model.TypedElement.type>
    <Model.Reference.referencedEnd>

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    <Model.AssociationEnd xmi.idref='a3627D5E9010F'> <!--
        Foundation.Core.A_targetFlow_target.target -->
    </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
    <Model.ModelElement.name>source</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'>
    <Model.Feature.visibility xmi.value='public_vis'>
    <Model.StructuralFeature.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'>
    <Model.TypedElement.type>
        <Model.Class xmi.idref='a327A5C7301CC'> <!-- Foundation.Core.ModelElement -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a3627D60F03DF'> <!--
            Foundation.Core.A_sourceFlow_source.source -->
    </Model.Reference.referencedEnd>
    </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Relationship -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a3634C5000082'>
    <Model.ModelElement.name>Relationship</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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    <Model.GeneralizableElement.isLeaf xmi.value='false'>
    <Model.GeneralizableElement.isAbstract xmi.value='true'>
    <Model.GeneralizableElement.visibility xmi.value='public_vis'>
    <Model.Class.isSingleton xmi.value='false'>
    <Model.GeneralizableElement.supertypes>
        <Model.Class xmi.idref='a327A5C7301CC'> <!-- Foundation.Core.ModelElement -->
    </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: ElementResidence -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a3648B41E0082'>
    <Model.ModelElement.name>ElementResidence</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.GeneralizableElement.isRoot xmi.value='false'>
    <Model.GeneralizableElement.isLeaf xmi.value='false'>
    <Model.GeneralizableElement.isAbstract xmi.value='false'>
    <Model.GeneralizableElement.visibility xmi.value='public_vis'>
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            <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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    <XMI.field>1</XMI.field>
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    <Model.DataType xmi.idref='a33DD704201E0'/> <!--
      Foundation.Data_Types.VisibilityKind -->
  </Model.TypedElement.type>
</Model.Attribute>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.Feature.visibility xmi.value='public_vis'/>
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  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a327A5C7301CC'/> <!-- Foundation.Core.ModelElement -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a3717C44200DC'/> <!--
      Foundation.Core.A_resident_elementResidence.resident -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
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  <Model.Feature.visibility xmi.value='public_vis'/>
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    <XMI.field>false</XMI.field>
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  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a33F59891028A'/> <!-- Foundation.Core.Component -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a371B6DA80391'/> <!--
      Foundation.Core.A_implementationLocation_residentElement.implementationLo
      cation -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: TemplateParameter -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a365EEE3B00B4'>
  <Model.ModelElement.name>TemplateParameter</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>

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<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
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    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
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      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
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    <Model.TypedElement.type>
      <Model.Class xmi.idref='a327A5C7301CC'/> <!-- Foundation.Core.ModelElement -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a365EEE82035C'/> <!--
        Foundation.Core.A_defaultElement_templateParameter3.defaultElement -->
    </Model.Reference.referencedEnd>
  </Model.Reference>
  <Model.Reference>
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    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
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    <Model.TypedElement.type>
      <Model.Class xmi.idref='a327A5C7301CC'/> <!-- Foundation.Core.ModelElement -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a371B6E43039E'/> <!--
        Foundation.Core.A_modelElement_templateParameter.modelElement -->
    </Model.Reference.referencedEnd>
  </Model.Reference>
  <Model.Reference>
    <Model.ModelElement.name>modelElement2</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
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    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a327A5C7301CC'/> <!-- Foundation.Core.ModelElement -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a371B6E8C0277'/> <!--
        Foundation.Core.A_modelElement2_templateParameter2.modelElement2 -->
    </Model.Reference.referencedEnd>
  </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

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<!-- _____ -->
<!-- -->
<!-- Contents of Association: A_association_connection -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a32A2A50C0084'>
  <Model.ModelElement.name>A_association_connection</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a32A2A510017A'>
      <Model.ModelElement.name>association</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='composite'>/>
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        <XMI.field>1</XMI.field>
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        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3298AE8300D9'>/> <!-- Foundation.Core.Association -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a32A2A510017B'>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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      <Model.AssociationEnd.aggregation xmi.value='none'>/>
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        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3340359400BD'>/> <!-- Foundation.Core.AssociationEnd -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: A_owner_feature -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a32B5D7EE02FF'>
  <Model.ModelElement.name>A_owner_feature</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a32B5D7EF03D3'>
      <Model.ModelElement.name>owner</Model.ModelElement.name>

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<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.AssociationEnd.isNavigable xmi.value='true'/>
<Model.AssociationEnd.aggregation xmi.value='composite'/>
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  <XMI.field>1</XMI.field>
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</Model.AssociationEnd.multiplicity>
<Model.AssociationEnd.isChangeable xmi.value='true'/>
<Model.TypedElement.type>
  <Model.Class xmi.idref='a32989FB2023D'/> <!-- Foundation.Core.Classifier -->
</Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a32B5D7EF03DD'>
  <Model.ModelElement.name>feature</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true'/>
  <Model.AssociationEnd.aggregation xmi.value='none'/>
  <Model.AssociationEnd.multiplicity>
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    <XMI.field>>true</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a32989F9700FE'/> <!-- Foundation.Core.Feature -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_specification_method -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a32B6D9B302FD'>
  <Model.ModelElement.name>A_specification_method</Model.ModelElement.name>
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  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a32B6D9BE00C8'>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>1</XMI.field>
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        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327BB68C0398'/> <!-- Foundation.Core.Operation -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a32B6D9BE00C9'>
      <Model.ModelElement.name>method</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>

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<Model.AssociationEnd.isNavigable xmi.value='true'/>
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  <XMI.field>>true</XMI.field>
</Model.AssociationEnd.multiplicity>
<Model.AssociationEnd.isChangeable xmi.value='true'/>
<Model.TypedElement.type>
  <Model.Class xmi.idref='a327BB67E0028'/> <!-- Foundation.Core.Method -->
</Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

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<!-- _____ -->
<!-- Contents of Association: A_structuralFeature_type -->
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<!-- _____ -->

<Model.Association xmi.id='a316437BF0352'>
  <Model.ModelElement.name>A_structuralFeature_type</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3298F1A403BF'/> <!-- Foundation.Core.StructuralFeature -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a316437C003B6'>
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      <Model.AssociationEnd.aggregation xmi.value='none'/>
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      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a32989FB2023D'/> <!-- Foundation.Core.Classifier -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->

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<!--                                     -->
<!-- Contents of Association: A_namespace_ownedElement -->
<!--                                     -->
<!--                                     -->
<!--                                     -->

<Model.Association xmi.id='a33598CAA030C'>
  <Model.ModelElement.name>A_namespace_ownedElement</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33598CAA030D'>
      <Model.ModelElement.name>namespace</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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      <Model.AssociationEnd.aggregation xmi.value='composite'>/>
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        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a32B69F3A0118'>/> <!-- Foundation.Core.Namespace -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a33598CAA030E'>
      <Model.ModelElement.name>ownedElement</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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      <Model.AssociationEnd.aggregation xmi.value='none'>/>
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        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327A5C7301CC'>/> <!-- Foundation.Core.ModelElement -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!--                                     -->
<!--                                     -->
<!-- Contents of Association: A_behavioralFeature_parameter -->
<!--                                     -->
<!--                                     -->
<!--                                     -->

<Model.Association xmi.id='a3359946200F0'>
  <Model.ModelElement.name>A_behavioralFeature_parameter</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33599464017C'>
      <Model.ModelElement.name>behavioralFeature</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

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<Model.AssociationEnd.isNavigable xmi.value='true'/>
<Model.AssociationEnd.aggregation xmi.value='composite'/>
<Model.AssociationEnd.multiplicity>
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  <XMI.field>1</XMI.field>
  <XMI.field>>false</XMI.field>
  <XMI.field>>false</XMI.field>
</Model.AssociationEnd.multiplicity>
<Model.AssociationEnd.isChangeable xmi.value='true'/>
<Model.TypedElement.type>
  <Model.Class xmi.idref='a3298BCF00260'/> <!-- Foundation.Core.BehavioralFeature -->
</Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a3359946401AE'>
  <Model.ModelElement.name>parameter</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true'/>
  <Model.AssociationEnd.aggregation xmi.value='none'/>
  <Model.AssociationEnd.multiplicity>
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    <XMI.field>-1</XMI.field>
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  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a327BBB9F02B2'/> <!-- Foundation.Core.Parameter -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: A_parameter_type -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a335BC7D400A0'>
  <Model.ModelElement.name>A_parameter_type</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a335BC7D50398'>
      <Model.ModelElement.name>parameter</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>-1</XMI.field>
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        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327BBB9F02B2'/> <!-- Foundation.Core.Parameter -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a335BC7D503D4'>
      <Model.ModelElement.name>type</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>

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    <Model.AssociationEnd.aggregation xmi.value='none' />
    <Model.AssociationEnd.multiplicity>
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      <XMI.field>>false</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true' />
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a32989FB2023D' /> <!-- Foundation.Core.Classifier -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_child_generalization -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a335C14A102DA'>
  <Model.ModelElement.name>A_child_generalization</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a335C14A5019A'>
      <Model.ModelElement.name>child</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
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        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327A810D03C0' /> <!-- Foundation.Core.GeneralizableElement
        -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a335C14A50352'>
      <Model.ModelElement.name>generalization</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327A8080035C' /> <!-- Foundation.Core.Generalization -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->

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<!-- Contents of Association: A_parent_specialization -->
<!-- ----- -->
<!-- ----- -->
<!-- ----- -->

<Model.Association xmi.id='a335C14690334'>
  <Model.ModelElement.name>A_parent_specialization</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a335C146B01D6'>
      <Model.ModelElement.name>parent</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327A810D03C0'/> <!-- Foundation.Core.GeneralizableElement -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a335C146B0352'>
      <Model.ModelElement.name>specialization</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327A8080035C'/> <!-- Foundation.Core.Generalization -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- ----- -->
<!-- ----- -->
<!-- Contents of Association: A_qualifier_associationEnd -->
<!-- ----- -->
<!-- ----- -->

<Model.Association xmi.id='a33DBE5050028'>
  <Model.ModelElement.name>A_qualifier_associationEnd</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33DBE50B001E'>
      <Model.ModelElement.name>qualifier</Model.ModelElement.name>

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<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.AssociationEnd.isNavigable xmi.value='true'/>
<Model.AssociationEnd.aggregation xmi.value='none'/>
<Model.AssociationEnd.multiplicity>
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  <XMI.field>-1</XMI.field>
  <XMI.field>true</XMI.field>
  <XMI.field>true</XMI.field>
</Model.AssociationEnd.multiplicity>
<Model.AssociationEnd.isChangeable xmi.value='true'/>
<Model.TypedElement.type>
  <Model.Class xmi.idref='a327BA5E802E4'/> <!-- Foundation.Core.Attribute -->
</Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a33DBE50B001F'>
  <Model.ModelElement.name>associationEnd</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true'/>
  <Model.AssociationEnd.aggregation xmi.value='composite'/>
  <Model.AssociationEnd.multiplicity>
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    <XMI.field>1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>false</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a3340359400BD'/> <!-- Foundation.Core.AssociationEnd -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_type_associationEnd -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a33E265070352'>
  <Model.ModelElement.name>A_type_associationEnd</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33E265070353'>
      <Model.ModelElement.name>type</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
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        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a32989FB2023D'/> <!-- Foundation.Core.Classifier -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a33E265070354'>
      <Model.ModelElement.name>associationEnd</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>

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<Model.AssociationEnd.isNavigable xmi.value='true'/>
<Model.AssociationEnd.aggregation xmi.value='none'/>
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  <XMI.field>-1</XMI.field>
  <XMI.field>>false</XMI.field>
  <XMI.field>>true</XMI.field>
</Model.AssociationEnd.multiplicity>
<Model.AssociationEnd.isChangeable xmi.value='true'/>
<Model.TypedElement.type>
  <Model.Class xmi.idref='a3340359400BD'/> <!-- Foundation.Core.AssociationEnd -->
</Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_participant_specification -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a33F0EFAB0050'>
  <Model.ModelElement.name>A_participant_specification</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33F0EFAD00AA'>
      <Model.ModelElement.name>participant</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
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        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3340359400BD'/> <!-- Foundation.Core.AssociationEnd -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a33F0EFAD00AB'>
      <Model.ModelElement.name>specification</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
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        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a32989FB2023D'/> <!-- Foundation.Core.Classifier -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->

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<!--                                     -->
<!-- Contents of Association: A_client_clientDependency -->
<!--                                     -->
<!--                                     -->
<!--                                     -->

<Model.Association xmi.id='a33FFE57902A2'>
  <Model.ModelElement.name>A_client_clientDependency</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33FFE57B0395'>
      <Model.ModelElement.name>client</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='none'>/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327A5C7301CC'>/> <!-- Foundation.Core.ModelElement -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a33FFE57B03B3'>
      <Model.ModelElement.name>clientDependency</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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      <Model.AssociationEnd.aggregation xmi.value='none'>/>
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        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327A646F00E6'>/> <!-- Foundation.Core.Dependency -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!--                                     -->
<!--                                     -->
<!-- Contents of Association: A_constrainedElement_constraint -->
<!--                                     -->
<!--                                     -->
<!--                                     -->

<Model.Association xmi.id='a33EA67B702EE'>
  <Model.ModelElement.name>A_constrainedElement_constraint</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33EA67BB010E'>
      <Model.ModelElement.name>constrainedElement</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>

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```

<Model.AssociationEnd.isNavigable xmi.value='true'/>
<Model.AssociationEnd.aggregation xmi.value='none'/>
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  <XMI.field>true</XMI.field>
</Model.AssociationEnd.multiplicity>
<Model.AssociationEnd.isChangeable xmi.value='true'/>
<Model.TypedElement.type>
  <Model.Class xmi.idref='a327A5C7301CC'/> <!-- Foundation.Core.ModelElement -->
</Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a33EA67BB010F'>
  <Model.ModelElement.name>constraint</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true'/>
  <Model.AssociationEnd.aggregation xmi.value='none'/>
  <Model.AssociationEnd.multiplicity>
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  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a327A649B000A'/> <!-- Foundation.Core.Constraint -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: A_supplier_supplierDependency -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a335C0D770302'>
  <Model.ModelElement.name>A_supplier_supplierDependency</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a335C0D7A02A8'>
      <Model.ModelElement.name>supplier</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327A5C7301CC'/> <!-- Foundation.Core.ModelElement -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a335C0D7A02E4'>
      <Model.ModelElement.name>supplierDependency</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>

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    <Model.AssociationEnd.aggregation xmi.value='none' />
    <Model.AssociationEnd.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true' />
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a327A646F00E6' /> <!-- Foundation.Core.Dependency -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_presentation_subject -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a362409A800BE'>
  <Model.ModelElement.name>A_presentation_subject</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a362409A803C0'>
      <Model.ModelElement.name>presentation</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327A5C8800A0' /> <!-- Foundation.Core.PresentationElement -
        -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a362409A9000A'>
      <Model.ModelElement.name>subject</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>-1</XMI.field>
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        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327A5C7301CC' /> <!-- Foundation.Core.ModelElement -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->

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<!-- Contents of Association: A_deploymentLocation_resident -->
<!-- ----- -->
<!-- ----- -->
<!-- ----- -->
<!-- ----- -->

<Model.Association xmi.id='a36240BF10028'>
  <Model.ModelElement.name>A_deploymentLocation_resident</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a36240BF10398'>
      <Model.ModelElement.name>deploymentLocation</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='composite' />
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a33F5989A02F8' /> <!-- Foundation.Core.Node -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a36240BF10399'>
      <Model.ModelElement.name>resident</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
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      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a33F59891028A' /> <!-- Foundation.Core.Component -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- ----- -->
<!-- ----- -->
<!-- Contents of Association: A_targetFlow_target -->
<!-- ----- -->
<!-- ----- -->

<Model.Association xmi.id='a3627D5E8006E'>
  <Model.ModelElement.name>A_targetFlow_target</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a3627D5E9010E'>
      <Model.ModelElement.name>targetFlow</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

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<Model.AssociationEnd.isNavigable xmi.value='true'/>
<Model.AssociationEnd.aggregation xmi.value='none'/>
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  <XMI.field>-1</XMI.field>
  <XMI.field>>false</XMI.field>
  <XMI.field>>true</XMI.field>
</Model.AssociationEnd.multiplicity>
<Model.AssociationEnd.isChangeable xmi.value='true'/>
<Model.TypedElement.type>
  <Model.Class xmi.idref='a3624012E0352'/> <!-- Foundation.Core.Flow -->
</Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a3627D5E9010F'>
  <Model.ModelElement.name>target</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true'/>
  <Model.AssociationEnd.aggregation xmi.value='none'/>
  <Model.AssociationEnd.multiplicity>
    <XMI.field>0</XMI.field>
    <XMI.field>-1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>true</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a327A5C7301CC'/> <!-- Foundation.Core.ModelElement -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: A_sourceFlow_source -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a3627D60D03C0'>
  <Model.ModelElement.name>A_sourceFlow_source</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a3627D60F03DE'>
      <Model.ModelElement.name>sourceFlow</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3624012E0352'/> <!-- Foundation.Core.Flow -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a3627D60F03DF'>
      <Model.ModelElement.name>source</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>

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    <Model.AssociationEnd.aggregation xmi.value='none' />
    <Model.AssociationEnd.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true' />
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a327A5C7301CC' /> <!-- Foundation.Core.ModelElement -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_defaultElement_templateParameter3 -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a365EEE8103D4'>
  <Model.ModelElement.name>A_defaultElement_templateParameter3</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a365EEE82035C'>
      <Model.ModelElement.name>defaultElement</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327A5C7301CC' /> <!-- Foundation.Core.ModelElement -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a365EEE830014'>
      <Model.ModelElement.name>templateParameter3</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a365EEE3B00B4' /> <!-- Foundation.Core.TemplateParameter -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->

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<!-- Contents of Association: A_binding_argument -->
<!-- -->
<!-- ----- -->

<Model.Association xmi.id='a365EF005035C'>
  <Model.ModelElement.name>A_binding_argument</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a365EF00601D6'>
      <Model.ModelElement.name>binding</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='composite'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a33EB89FD01F4'/> <!-- Foundation.Core.Binding -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a365EF00601D7'>
      <Model.ModelElement.name>argument</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>true</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327A5C7301CC'/> <!-- Foundation.Core.ModelElement -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- ----- -->
<!-- -->
<!-- Contents of Association: A_powertype_powertypeRange -->
<!-- -->
<!-- ----- -->

<Model.Association xmi.id='a36E96A860316'>
  <Model.ModelElement.name>A_powertype_powertypeRange</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a36E96A87033E'>
      <Model.ModelElement.name>powertype</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

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<Model.AssociationEnd.aggregation xmi.value='none'/>
<Model.AssociationEnd.multiplicity>
  <XMI.field>0</XMI.field>
  <XMI.field>1</XMI.field>
  <XMI.field>>false</XMI.field>
  <XMI.field>>false</XMI.field>
</Model.AssociationEnd.multiplicity>
<Model.AssociationEnd.isChangeable xmi.value='true'/>
<Model.TypedElement.type>
  <Model.Class xmi.idref='a32989FB2023D'/> <!-- Foundation.Core.Classifier -->
</Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a36E96A870370'>
  <Model.ModelElement.name>powertypeRange</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true'/>
  <Model.AssociationEnd.aggregation xmi.value='none'/>
  <Model.AssociationEnd.multiplicity>
    <XMI.field>0</XMI.field>
    <XMI.field>-1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>true</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a327A8080035C'/> <!-- Foundation.Core.Generalization -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_comment_annotatedElement -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a370E7E3B0138'>
  <Model.ModelElement.name>A_comment_annotatedElement</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a370E7E3C02CE'>
      <Model.ModelElement.name>comment</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a33F675820370'/> <!-- Foundation.Core.Comment -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a370E7E3C02DE'>
      <Model.ModelElement.name>annotatedElement</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>

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    <Model.AssociationEnd.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true' />
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a327A5C7301CC' /> <!-- Foundation.Core.ModelElement -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_resident_elementResidence -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a3717C43C02F0'>
  <Model.ModelElement.name>A_resident_elementResidence</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a3717C44200DC'>
      <Model.ModelElement.name>resident</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327A5C7301CC' /> <!-- Foundation.Core.ModelElement -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a3717C4430020'>
      <Model.ModelElement.name>elementResidence</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3648B41E0082' /> <!-- Foundation.Core.ElementResidence -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_implementationLocation_residentElement-->

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<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a371B6DA8000C'>
  <Model.ModelElement.name>A_implementationLocation_residentElement</
    Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a371B6DA80391'>
      <Model.ModelElement.name>implementationLocation</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='composite'>/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a33F59891028A'>/> <!-- Foundation.Core.Component -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a371B6DA80392'>
      <Model.ModelElement.name>residentElement</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='none'>/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3648B41E0082'>/> <!-- Foundation.Core.ElementResidence -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_modelElement_templateParameter -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a371B6E3D01FB'>
  <Model.ModelElement.name>A_modelElement_templateParameter</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a371B6E43039E'>
      <Model.ModelElement.name>modelElement</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

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<Model.AssociationEnd.aggregation xmi.value='composite'>
<Model.AssociationEnd.multiplicity>
  <XMI.field>0</XMI.field>
  <XMI.field>1</XMI.field>
  <XMI.field>>false</XMI.field>
  <XMI.field>>false</XMI.field>
</Model.AssociationEnd.multiplicity>
<Model.AssociationEnd.isChangeable xmi.value='true'>
<Model.TypedElement.type>
  <Model.Class xmi.idref='a327A5C7301CC'> <!-- Foundation.Core.ModelElement -->
</Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a371B6E4303DA'>
  <Model.ModelElement.name>templateParameter</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true'>
  <Model.AssociationEnd.aggregation xmi.value='none'>
  <Model.AssociationEnd.multiplicity>
    <XMI.field>0</XMI.field>
    <XMI.field>-1</XMI.field>
    <XMI.field>>true</XMI.field>
    <XMI.field>>true</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a365EEE3B00B4'> <!-- Foundation.Core.TemplateParameter -->
  </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: A_modelElement2_templateParameter2 -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a371B6E890395'>
  <Model.ModelElement.name>A_modelElement2_templateParameter2</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>
  <Model.Association.isDerived xmi.value='false'>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a371B6E8C0277'>
      <Model.ModelElement.name>modelElement2</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>
      <Model.AssociationEnd.aggregation xmi.value='none'>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327A5C7301CC'> <!-- Foundation.Core.ModelElement -->
      </Model.TypedElement.type>
      </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a371B6E8C02BD'>
      <Model.ModelElement.name>templateParameter2</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>
      <Model.AssociationEnd.aggregation xmi.value='none'>

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    <Model.AssociationEnd.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a365EEE3B00B4'/> <!-- Foundation.Core.TemplateParameter -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>
</Model.Namespace.contents>
</Model.Package>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Package: Data_Types -->
<!-- _____ -->
<!-- _____ -->

<Model.Package xmi.id='a33DD6EB1001E'>
  <Model.ModelElement.name>Data_Types</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Namespace.contents>

    <!-- _____ -->
    <!-- _____ -->
    <!-- Contents of DataType: AggregationKind -->
    <!-- _____ -->
    <!-- _____ -->

    <Model.DataType xmi.id='a33DD6F5903A2'>
      <Model.ModelElement.name>AggregationKind</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.GeneralizableElement.isRoot xmi.value='false'/>
      <Model.GeneralizableElement.isLeaf xmi.value='false'/>
      <Model.GeneralizableElement.isAbstract xmi.value='false'/>
      <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
      <Model.DataType.typeCode>
        <XMI.CorbaTypeCode>
          <XMI.CorbaTcEnum xmi.tcName='AggregationKind' xmi.tcId=''>
            <XMI.CorbaTcEnumLabel xmi.tcName='none'/>
            <XMI.CorbaTcEnumLabel xmi.tcName='aggregate'/>
            <XMI.CorbaTcEnumLabel xmi.tcName='composite'/>
          </XMI.CorbaTcEnum>
        </XMI.CorbaTypeCode>
      </Model.DataType.typeCode>
    </Model.DataType>

    <!-- _____ -->
    <!-- _____ -->
    <!-- Contents of DataType: Boolean -->
    <!-- _____ -->
    <!-- _____ -->

    <Model.DataType xmi.id='a33DD6F650276'>
      <Model.ModelElement.name>Boolean</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.GeneralizableElement.isRoot xmi.value='false'/>
      <Model.GeneralizableElement.isLeaf xmi.value='false'/>
      <Model.GeneralizableElement.isAbstract xmi.value='false'/>

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<Model.GeneralizableElement.visibility xmi.value='public_vis' />
<Model.DataType.typeCode>
  <XMI.CorbaTypeCode>
    <XMI.CorbaTcBoolean />
  </XMI.CorbaTypeCode>
</Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- -->
<!-- Contents of DataType: ChangeableKind -->
<!-- -->
<!-- _____ -->

<Model.DataType xmi.id='a33DD6F820208'>
  <Model.ModelElement.name>ChangeableKind</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcEnum xmi.tcName='ChangeableKind' xmi.tcId=''>
        <XMI.CorbaTcEnumLabel xmi.tcName='changeable' />
        <XMI.CorbaTcEnumLabel xmi.tcName='frozen' />
        <XMI.CorbaTcEnumLabel xmi.tcName='addOnly' />
      </XMI.CorbaTcEnum>
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- -->
<!-- Contents of Class: Multiplicity -->
<!-- -->
<!-- _____ -->

<Model.Class xmi.id='a33DD6FC5001E'>
  <Model.ModelElement.name>Multiplicity</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.Namespace.contents>
    <Model.Reference>
      <Model.ModelElement.name>range</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a33E93BD00075' /> <!--
          Foundation.Data_Types.MultiplicityRange -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a33FF95B90378' /> <!--
          Foundation.Data_Types.A_multiplicity_range.range -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

```

```

    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Contents of DataType: Name -->
<!-- -->
<!-- _____ -->

<Model.DataType xmi.id='a33DD6FCF03C0'>
  <Model.ModelElement.name>Name</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcString xmi.tcLength='0'/>
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- -->
<!-- Contents of DataType: Integer -->
<!-- -->
<!-- _____ -->

<Model.DataType xmi.id='a33DD6FD7021C'>
  <Model.ModelElement.name>Integer</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcLong/>
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- -->
<!-- Contents of DataType: ParameterDirectionKind -->
<!-- -->
<!-- _____ -->

<Model.DataType xmi.id='a33DD6FDC024E'>
  <Model.ModelElement.name>ParameterDirectionKind</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcEnum xmi.tcName='ParameterDirectionKind' xmi.tcId=''>
        <XMI.CorbaTcEnumLabel xmi.tcName='in'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='inout'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='out'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='return'/>
      </XMI.CorbaTcEnum>
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

```

```

</Model.DataType>

<!-- _____ -->
<!-- -->
<!-- Contents of DataType: MessageDirectionKind -->
<!-- -->
<!-- _____ -->

<Model.DataType xmi.id='a33DD6FFF0168'>
  <Model.ModelElement.name>MessageDirectionKind</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcEnum xmi.tcName='MessageDirectionKind' xmi.tcId=''>
        <XMI.CorbaTcEnumLabel xmi.tcName='activation' />
        <XMI.CorbaTcEnumLabel xmi.tcName='return' />
      </XMI.CorbaTcEnum>
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- -->
<!-- Contents of DataType: ScopeKind -->
<!-- -->
<!-- _____ -->

<Model.DataType xmi.id='a33DD7020032A'>
  <Model.ModelElement.name>ScopeKind</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcEnum xmi.tcName='ScopeKind' xmi.tcId=''>
        <XMI.CorbaTcEnumLabel xmi.tcName='instance' />
        <XMI.CorbaTcEnumLabel xmi.tcName='classifier' />
      </XMI.CorbaTcEnum>
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- -->
<!-- Contents of DataType: String -->
<!-- -->
<!-- _____ -->

<Model.DataType xmi.id='a33DD702401B8'>
  <Model.ModelElement.name>String</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcString xmi.tcLength='0' />
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

```

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<!-- _____ -->
<!-- _____ -->
<!-- Contents of DataType: Time -->
<!-- _____ -->
<!-- _____ -->

<Model.DataType xmi.id='a33DD702703B6'>
  <Model.ModelElement.name>Time</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcAlias xmi.tcName='UmlTime' xmi.tcId=''>
        <XMI.CorbaTypeCode>
          <XMI.CorbaTcFloat/>
        </XMI.CorbaTypeCode>
      </XMI.CorbaTcAlias>
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of DataType: VisibilityKind -->
<!-- _____ -->
<!-- _____ -->

<Model.DataType xmi.id='a33DD704201E0'>
  <Model.ModelElement.name>VisibilityKind</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcEnum xmi.tcName='visibilityKind' xmi.tcId=''>
        <XMI.CorbaTcEnumLabel xmi.tcName='public'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='protected'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='private'/>
      </XMI.CorbaTcEnum>
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: ObjectSetExpression -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a337EFDBA0302'>
  <Model.ModelElement.name>ObjectSetExpression</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a33CFA00203A2'/> <!-- Foundation.Data_Types.Expression -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

```

```

<!-- _____ -->
<!-- -->
<!-- Contents of Class: TimeExpression -->
<!-- -->
<!-- _____ -->

<Model.Class xmi.id='a3288E5F60258'>
  <Model.ModelElement.name>TimeExpression</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a33CFA00203A2' /> <!-- Foundation.Data_Types.Expression -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Contents of Class: Expression -->
<!-- -->
<!-- _____ -->

<Model.Class xmi.id='a33CFA00203A2'>
  <Model.ModelElement.name>Expression</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a33E12E5F01CA'>
      <Model.ModelElement.name>language</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.Attribute.isDerived xmi.value='false' />
      <Model.TypedElement.type>
        <Model.DataType xmi.idref='a33DD6FCF03C0' /> <!-- Foundation.Data_Types.Name -->
      </Model.TypedElement.type>
    </Model.Attribute>
    <Model.Attribute xmi.id='a33E12E870203'>
      <Model.ModelElement.name>body</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.Attribute.isDerived xmi.value='false' />
      <Model.TypedElement.type>
        <Model.DataType xmi.idref='a33DD702401B8' /> <!-- Foundation.Data_Types.String -->
      </Model.TypedElement.type>
    </Model.Attribute>
  </Model.Namespace.contents>
</Model.Class>

```

```

    </Model.TypedElement.type>
  </Model.Attribute>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Contents of Class: BooleanExpression -->
<!-- -->
<!-- _____ -->

<Model.Class xmi.id='a33CFA9DA01D6'>
  <Model.ModelElement.name>BooleanExpression</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a33CFA00203A2'/> <!-- Foundation.Data_Types.Expression -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Contents of DataType: PseudostateKind -->
<!-- -->
<!-- _____ -->

<Model.DataType xmi.id='a33E139AE01C2'>
  <Model.ModelElement.name>PseudostateKind</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcEnum xmi.tcName='PseudostateKind' xmi.tcId=''>
        <XMI.CorbaTcEnumLabel xmi.tcName='initial'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='deepHistory'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='shallowHistory'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='join'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='fork'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='branch'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='junction'/>
        <XMI.CorbaTcEnumLabel xmi.tcName='final'/>
      </XMI.CorbaTcEnum>
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- -->
<!-- Contents of Class: ActionExpression -->
<!-- -->
<!-- _____ -->

<Model.Class xmi.id='a33E92EB600FE'>
  <Model.ModelElement.name>ActionExpression</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>

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<Model.GeneralizableElement.supertypes>
  <Model.Class xmi.idref='a33CFA00203A2' /> <!-- Foundation.Data_Types.Expression -->
</Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: MultiplicityRange -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a33E93BD00075'>
  <Model.ModelElement.name>MultiplicityRange</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.issingleton xmi.value='false' />
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a33E93BE902E8'>
      <Model.ModelElement.name>lower</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.Attribute.isDerived xmi.value='false' />
      <Model.TypedElement.type>
        <Model.DataType xmi.idref='a33DD6FD7021C' /> <!-- Foundation.Data_Types.Integer -->
      </Model.TypedElement.type>
    </Model.Attribute>
    <Model.Attribute xmi.id='a33E93BFA0329'>
      <Model.ModelElement.name>upper</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.Attribute.isDerived xmi.value='false' />
      <Model.TypedElement.type>
        <Model.DataType xmi.idref='a3635582D03D4' /> <!--
          Foundation.Data_Types.UnlimitedInteger -->
      </Model.TypedElement.type>
    </Model.Attribute>
    <Model.Reference>
      <Model.ModelElement.name>multiplicity</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />

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    <Model.TypedElement.type>
    <Model.Class xmi.idref='a33DD6FC5001E' /> <!-- Foundation.Data_Types.Multiplicity -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a33FF95B90300' /> <!--
    Foundation.Data_Types.A_multiplicity_range.multiplicity -->
    </Model.Reference.referencedEnd>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of DataType: CallConcurrencyKind -->
<!-- _____ -->
<!-- _____ -->

<Model.DataType xmi.id='a33F0EC2002BC'>
  <Model.ModelElement.name>CallConcurrencyKind</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcEnum xmi.tcName='CallConcurrencyKind' xmi.tcId=''>
        <XMI.CorbaTcEnumLabel xmi.tcName='sequential' />
        <XMI.CorbaTcEnumLabel xmi.tcName='guarded' />
        <XMI.CorbaTcEnumLabel xmi.tcName='concurrent' />
      </XMI.CorbaTcEnum>
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of DataType: Mapping -->
<!-- _____ -->
<!-- _____ -->

<Model.DataType xmi.id='a33FFFA1400A9'>
  <Model.ModelElement.name>Mapping</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcString xmi.tcLength='0' />
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: IterationExpression -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a3611C1DE02B2'>
  <Model.ModelElement.name>IterationExpression</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />

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<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Class.isSingleton xmi.value='false'/>
<Model.GeneralizableElement.supertypes>
  <Model.Class xmi.idref='a33CFA00203A2'/> <!-- Foundation.Data_Types.Expression -->
</Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: TypeExpression -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a3611C2150230'>
<Model.ModelElement.name>TypeExpression</Model.ModelElement.name>
<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.GeneralizableElement.isRoot xmi.value='false'/>
<Model.GeneralizableElement.isLeaf xmi.value='false'/>
<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Class.isSingleton xmi.value='false'/>
<Model.GeneralizableElement.supertypes>
  <Model.Class xmi.idref='a33CFA00203A2'/> <!-- Foundation.Data_Types.Expression -->
</Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: ArgListsExpression -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a3611D37B0280'>
<Model.ModelElement.name>ArgListsExpression</Model.ModelElement.name>
<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.GeneralizableElement.isRoot xmi.value='false'/>
<Model.GeneralizableElement.isLeaf xmi.value='false'/>
<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Class.isSingleton xmi.value='false'/>
<Model.GeneralizableElement.supertypes>
  <Model.Class xmi.idref='a33CFA00203A2'/> <!-- Foundation.Data_Types.Expression -->
</Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: MappingExpression -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a36264EBF0276'>
<Model.ModelElement.name>MappingExpression</Model.ModelElement.name>
<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.GeneralizableElement.isRoot xmi.value='false'/>
<Model.GeneralizableElement.isLeaf xmi.value='false'/>
<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Class.isSingleton xmi.value='false'/>
<Model.GeneralizableElement.supertypes>
  <Model.Class xmi.idref='a33CFA00203A2'/> <!-- Foundation.Data_Types.Expression -->
</Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of DataType: UnlimitedInteger -->
<!-- _____ -->

```

```

<!-- _____ -->
<!-- _____ -->

<Model.DataType xmi.id='a3635582D03D4'>
  <Model.ModelElement.name>UnlimitedInteger</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcLong />
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: ProcedureExpression -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a363559050190'>
  <Model.ModelElement.name>ProcedureExpression</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a33CFA00203A2' /> <!-- Foundation.Data_Types.Expression -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of DataType: LocationReference -->
<!-- _____ -->
<!-- _____ -->

<Model.DataType xmi.id='a363559250136'>
  <Model.ModelElement.name>LocationReference</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcAlias xmi.tcName='LocationReference' xmi.tcId=''>
        <XMI.CorbaTypeCode>
          <XMI.CorbaTcString xmi.tcLength='0' />
        </XMI.CorbaTypeCode>
      </XMI.CorbaTcAlias>
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of DataType: OrderingKind -->
<!-- _____ -->
<!-- _____ -->

<Model.DataType xmi.id='a36619BC301D6'>

```

```

<Model.ModelElement.name>OrderingKind</Model.ModelElement.name>
<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.GeneralizableElement.isRoot xmi.value='false'/>
<Model.GeneralizableElement.isLeaf xmi.value='false'/>
<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.DataType.typeCode>
  <XMI.CorbaTypeCode>
    <XMI.CorbaTcEnum xmi.tcName='OrderingKind' xmi.tcId=''>
      <XMI.CorbaTcEnumLabel xmi.tcName='unordered'/>
      <XMI.CorbaTcEnumLabel xmi.tcName='ordered'/>
      <XMI.CorbaTcEnumLabel xmi.tcName='sorted'/>
    </XMI.CorbaTcEnum>
  </XMI.CorbaTypeCode>
</Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- -->
<!-- Contents of DataType: Geometry -->
<!-- -->
<!-- _____ -->

<Model.DataType xmi.id='a372A1B8E02D0'>
  <Model.ModelElement.name>Geometry</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.DataType.typeCode>
    <XMI.CorbaTypeCode>
      <XMI.CorbaTcString xmi.tcLength='0'/>
    </XMI.CorbaTypeCode>
  </Model.DataType.typeCode>
</Model.DataType>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: A_multiplicity_range -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a33FF95B90061'>
  <Model.ModelElement.name>A_multiplicity_range</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33FF95B90300'>
      <Model.ModelElement.name>multiplicity</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='composite'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a33DD6FC5001E'/> <!-- Foundation.Data_Types.Multiplicity -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>

```

```

</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a33FF95B90378'>
  <Model.ModelElement.name>range</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true'>/>
  <Model.AssociationEnd.aggregation xmi.value='none'>/>
  <Model.AssociationEnd.multiplicity>
    <XMI.field>1</XMI.field>
    <XMI.field>-1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>true</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'>/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a33E93BD00075'>/> <!--
      Foundation.Data_Types.MultiplicityRange -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>
</Model.Namespace.contents>
</Model.Package>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Package: Extension_Mechanisms -->
<!-- _____ -->
<!-- _____ -->

<Model.Package xmi.id='a334ACE180082'>
  <Model.ModelElement.name>Extension_Mechanisms</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Namespace.contents>

    <!-- _____ -->
    <!-- _____ -->
    <!-- Contents of Class: Stereotype -->
    <!-- _____ -->
    <!-- _____ -->

    <Model.Class xmi.id='a3372549100E5'>
      <Model.ModelElement.name>Stereotype</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.GeneralizableElement.isRoot xmi.value='false'>/>
      <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
      <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
      <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
      <Model.Class.isSingleton xmi.value='false'>/>
      <Model.GeneralizableElement.supertypes>
        <Model.Class xmi.idref='a327A810D03C0'>/> <!-- Foundation.Core.GeneralizableElement -->
      </Model.GeneralizableElement.supertypes>
      <Model.Namespace.contents>
        <Model.Attribute xmi.id='a338614B602CD'>
          <Model.ModelElement.name>icon</Model.ModelElement.name>
          <Model.ModelElement.annotation> </Model.ModelElement.annotation>
          <Model.Feature.scope xmi.value='instance_level'>/>
          <Model.Feature.visibility xmi.value='public_vis'>/>
          <Model.StructuralFeature.multiplicity>
            <XMI.field>1</XMI.field>
            <XMI.field>1</XMI.field>
            <XMI.field>>false</XMI.field>
            <XMI.field>>false</XMI.field>
          </Model.StructuralFeature.multiplicity>
        </Model.Attribute>
      </Model.Namespace.contents>
    </Model.Class>
  </Model.Namespace.contents>
</Model.Package>

```

```

<Model.StructuralFeature.isChangeable xmi.value='true'/>
<Model.Attribute.isDerived xmi.value='false'/>
<Model.TypedElement.type>
  <Model.DataType xmi.idref='a372A1B8E02D0'/> <!-- Foundation.Data_Types.Geometry -->
</Model.TypedElement.type>
</Model.Attribute>
<Model.Attribute xmi.id='a340389C403C0'>
  <Model.ModelElement.name>baseClass</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
    <XMI.field>1</XMI.field>
    <XMI.field>1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>false</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.Attribute.isDerived xmi.value='false'/>
  <Model.TypedElement.type>
    <Model.DataType xmi.idref='a33DD6FCF03C0'/> <!-- Foundation.Data_Types.Name -->
  </Model.TypedElement.type>
</Model.Attribute>
<Model.Reference>
  <Model.ModelElement.name>requiredTag</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
    <XMI.field>0</XMI.field>
    <XMI.field>-1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>true</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a337A4EF7002C'/> <!--
      Foundation.Extension_Mechanisms.TaggedValue -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a3386129C003F'/> <!--
      Foundation.Extension_Mechanisms.A_requiredTag_stereotype.requiredTag -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>extendedElement</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
    <XMI.field>0</XMI.field>
    <XMI.field>-1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>true</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a327A5C7301CC'/> <!-- Foundation.Core.ModelElement -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a338613A4007B'/> <!--
      Foundation.Extension_Mechanisms.A_stereotype_extendedElement.extendedElem
      ent -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>stereotypeConstraint</Model.ModelElement.name>

```

```

<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.Feature.scope xmi.value='instance_level' />
<Model.Feature.visibility xmi.value='public_vis' />
<Model.StructuralFeature.multiplicity>
  <XMI.field>0</XMI.field>
  <XMI.field>-1</XMI.field>
  <XMI.field>>false</XMI.field>
  <XMI.field>>true</XMI.field>
</Model.StructuralFeature.multiplicity>
<Model.StructuralFeature.isChangeable xmi.value='true' />
<Model.TypedElement.type>
  <Model.Class xmi.idref='a327A649B000A' /> <!-- Foundation.Core.Constraint -->
</Model.TypedElement.type>
<Model.Reference.referencedEnd>
  <Model.AssociationEnd xmi.idref='a364B66900259' /> <!--
    Foundation.Extension_Mechanisms.A_constrainedElement2_stereotypeConstrain
    t.stereotypeConstraint -->
</Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: TaggedValue -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a337A4EF7002C'>
  <Model.ModelElement.name>TaggedValue</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a33E901140334'>
      <Model.ModelElement.name>tag</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.Attribute.isDerived xmi.value='false' />
      <Model.TypedElement.type>
        <Model.DataType xmi.idref='a33DD6FCF03C0' /> <!-- Foundation.Data_Types.Name -->
      </Model.TypedElement.type>
    </Model.Attribute>
    <Model.Attribute xmi.id='a337A50700273'>
      <Model.ModelElement.name>value</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.Attribute.isDerived xmi.value='false' />

```

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    <Model.TypedElement.type>
      <Model.DataType xmi.idref='a33DD702401B8' /> <!-- Foundation.Data_Types.String -->
    </Model.TypedElement.type>
  </Model.Attribute>
  <Model.Reference>
    <Model.ModelElement.name>stereotype</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level' />
    <Model.Feature.visibility xmi.value='public_vis' />
    <Model.StructuralFeature.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a3372549100E5' /> <!--
      Foundation.Extension_Mechanisms.Stereotype -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a3386129C0040' /> <!--
      Foundation.Extension_Mechanisms.A_requiredTag_stereotype.stereotype -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>modelElement</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level' />
  <Model.Feature.visibility xmi.value='public_vis' />
  <Model.StructuralFeature.multiplicity>
    <XMI.field>0</XMI.field>
    <XMI.field>1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>false</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a327A5C7301CC' /> <!-- Foundation.Core.ModelElement -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a33E901E003D4' /> <!--
      Foundation.Extension_Mechanisms.A_modelElement_taggedValue.modelElement -
    -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_requiredTag_stereotype -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a33861298030A'>
  <Model.ModelElement.name>A_requiredTag_stereotype</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a3386129C003F'>
      <Model.ModelElement.name>requiredTag</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    </Model.AssociationEnd>
  </Model.Namespace.contents>

```

```

<Model.AssociationEnd.isNavigable xmi.value='true'/>
<Model.AssociationEnd.aggregation xmi.value='none'/>
<Model.AssociationEnd.multiplicity>
  <XMI.field>0</XMI.field>
  <XMI.field>-1</XMI.field>
  <XMI.field>>false</XMI.field>
  <XMI.field>>true</XMI.field>
</Model.AssociationEnd.multiplicity>
<Model.AssociationEnd.isChangeable xmi.value='true'/>
<Model.TypedElement.type>
  <Model.Class xmi.idref='a337A4EF7002c'/> <!--
    Foundation.Extension_Mechanisms.TaggedValue -->
</Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a3386129C0040'>
  <Model.ModelElement.name>stereotype</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true'/>
  <Model.AssociationEnd.aggregation xmi.value='composite'/>
  <Model.AssociationEnd.multiplicity>
    <XMI.field>0</XMI.field>
    <XMI.field>1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>false</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a3372549100E5'/> <!--
      Foundation.Extension_Mechanisms.Stereotype -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_stereotype_extendedElement -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a338613A10275'>
  <Model.ModelElement.name>A_stereotype_extendedElement</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a338613A4007A'>
      <Model.ModelElement.name>stereotype</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3372549100E5'/> <!--
          Foundation.Extension_Mechanisms.Stereotype -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a338613A4007B'>

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```

<Model.ModelElement.name>extendedElement</Model.ModelElement.name>
<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.AssociationEnd.isNavigable xmi.value='true'/>
<Model.AssociationEnd.aggregation xmi.value='none'/>
<Model.AssociationEnd.multiplicity>
  <XMI.field>0</XMI.field>
  <XMI.field>-1</XMI.field>
  <XMI.field>>false</XMI.field>
  <XMI.field>>true</XMI.field>
</Model.AssociationEnd.multiplicity>
<Model.AssociationEnd.isChangeable xmi.value='true'/>
<Model.TypedElement.type>
  <Model.Class xmi.idref='a327A5C7301CC'/> <!-- Foundation.Core.ModelElement -->
</Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_constrainedElement2_stereotypeConstraint-->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a364B668E012C'>
  <Model.ModelElement.name>A_constrainedElement2_stereotypeConstraint</
    Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a364B66900258'>
      <Model.ModelElement.name>constrainedElement2</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='composite'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3372549100E5'/> <!--
          Foundation.Extension_Mechanisms.Stereotype -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a364B66900259'>
      <Model.ModelElement.name>stereotypeConstraint</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327A649B000A'/> <!-- Foundation.Core.Constraint -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

```

```

</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_modelElement_taggedValue -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a33E901DD001E'>
  <Model.ModelElement.name>A_modelElement_taggedValue</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33E901E003D4'>
      <Model.ModelElement.name>modelElement</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='composite'>/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327A5C7301CC'>/> <!-- Foundation.Core.ModelElement -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a33E901E10028'>
      <Model.ModelElement.name>taggedValue</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='none'>/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a337A4EF7002C'>/> <!--
        Foundation.Extension_Mechanisms.TaggedValue -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>
</Model.Namespace.contents>
</Model.Package>

<!-- _____ -->
<!-- _____ -->
<!-- Tags -->
<!-- _____ -->
<!-- _____ -->

<Model.Tag>
  <Model.ModelElement.name>IDL Name for Interface</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Tag.tagId>org.omg.mof.idl_substitute_name</Model.Tag.tagId>
  <Model.Tag.values>

```

```

    <XMI.any xmi.type='string' xmi.name=''>UmlInterface</XMI.any>
  </Model.Tag.values>
</Model.Tag.elements>
  <Model.Class xmi.idref='a3342A195014D' /> <!-- Foundation.Core.Interface -->
</Model.Tag.elements>
</Model.Tag>
<Model.Tag>
  <Model.ModelElement.name>IDL Name for Constraint</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Tag.tagId>org.omg.mof.idl_substitute_name</Model.Tag.tagId>
  <Model.Tag.values>
    <XMI.any xmi.type='string' xmi.name=''>UmlConstraint</XMI.any>
  </Model.Tag.values>
  <Model.Tag.elements>
    <Model.Class xmi.idref='a327A649B000A' /> <!-- Foundation.Core.Constraint -->
  </Model.Tag.elements>
</Model.Tag>
<Model.Tag>
  <Model.ModelElement.name>IDL Name for Attribute</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Tag.tagId>org.omg.mof.idl_substitute_name</Model.Tag.tagId>
  <Model.Tag.values>
    <XMI.any xmi.type='string' xmi.name=''>UmlAttribute</XMI.any>
  </Model.Tag.values>
  <Model.Tag.elements>
    <Model.Class xmi.idref='a327BA5E802E4' /> <!-- Foundation.Core.Attribute -->
  </Model.Tag.elements>
</Model.Tag>
<Model.Tag>
  <Model.ModelElement.name>IDL Name for AssociationClass</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Tag.tagId>org.omg.mof.idl_substitute_name</Model.Tag.tagId>
  <Model.Tag.values>
    <XMI.any xmi.type='string' xmi.name=''>UmlAssociationClass</XMI.any>
  </Model.Tag.values>
  <Model.Tag.elements>
    <Model.Class xmi.idref='a33657990026C' /> <!-- Foundation.Core.AssociationClass -->
  </Model.Tag.elements>
</Model.Tag>
<Model.Tag>
  <Model.ModelElement.name>IDL Name for Time</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Tag.tagId>org.omg.mof.idl_substitute_name</Model.Tag.tagId>
  <Model.Tag.values>
    <XMI.any xmi.type='string' xmi.name=''>UmlTime</XMI.any>
  </Model.Tag.values>
  <Model.Tag.elements>
    <Model.DataType xmi.idref='a33DD702703B6' /> <!-- Foundation.Data_Types.Time -->
  </Model.Tag.elements>
</Model.Tag>
<Model.Tag>
  <Model.ModelElement.name>IDL Prefix</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Tag.tagId>org.omg.mof.idl_prefix</Model.Tag.tagId>
  <Model.Tag.values>
    <XMI.any xmi.type='string' xmi.name=''>org.omg.uml</XMI.any>
  </Model.Tag.values>
  <Model.Tag.elements>
    <Model.Package xmi.idref='a327A5A6D02DA' /> <!-- Foundation -->
  </Model.Tag.elements>
</Model.Tag>
</Model.Namespace.contents>
</Model.Package>
</XMI.content>
</XMI>

```

## 1.13 UML Model\_Management.xml

```

<?xml version = '1.0' encoding = 'ISO-8859-1' ?>
<!DOCTYPE XMI SYSTEM 'Model.dtd'>
<XMI xmi.version='1.0'>
  <XMI.header>
    <XMI.metamodel xmi.name='org.omg.Mof.Model' xmi.version='1.3' />
  </XMI.header>
  <XMI.content>

    <!-- _____ -->
    <!-- _____ -->
    <!-- Contents of Package: Model_Management -->
    <!-- _____ -->
    <!-- _____ -->

    <Model.Package xmi.id='a334ACE0C0028'>
      <Model.ModelElement.name>Model_Management</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.GeneralizableElement.isRoot xmi.value='false' />
      <Model.GeneralizableElement.isLeaf xmi.value='false' />
      <Model.GeneralizableElement.isAbstract xmi.value='false' />
      <Model.GeneralizableElement.visibility xmi.value='public_vis' />
      <Model.Namespace.contents>

        <!-- _____ -->
        <!-- _____ -->
        <!-- Contents of Class: Model -->
        <!-- _____ -->
        <!-- _____ -->

        <Model.Class xmi.id='a327A5D1E0032'>
          <Model.ModelElement.name>Model</Model.ModelElement.name>
          <Model.ModelElement.annotation> </Model.ModelElement.annotation>
          <Model.GeneralizableElement.isRoot xmi.value='false' />
          <Model.GeneralizableElement.isLeaf xmi.value='false' />
          <Model.GeneralizableElement.isAbstract xmi.value='false' />
          <Model.GeneralizableElement.visibility xmi.value='public_vis' />
          <Model.Class.isSingleton xmi.value='false' />
          <Model.GeneralizableElement.supertypes>
            <Model.Class xmi.idref='a327A5D19033E' /> <!-- Model_Management.Package -->
          </Model.GeneralizableElement.supertypes>
        </Model.Class>

        <!-- _____ -->
        <!-- _____ -->
        <!-- Contents of Class: Package -->
        <!-- _____ -->
        <!-- _____ -->

        <Model.Class xmi.id='a327A5D19033E'>
          <Model.ModelElement.name>Package</Model.ModelElement.name>
          <Model.ModelElement.annotation> </Model.ModelElement.annotation>
          <Model.GeneralizableElement.isRoot xmi.value='false' />
          <Model.GeneralizableElement.isLeaf xmi.value='false' />
          <Model.GeneralizableElement.isAbstract xmi.value='false' />
          <Model.GeneralizableElement.visibility xmi.value='public_vis' />
          <Model.Class.isSingleton xmi.value='false' />
          <Model.GeneralizableElement.supertypes>
            <Model.Class xml:link='simple' href='Foundation.xml#a327A810D03C0' /> <!--
              Foundation.Core.GeneralizableElement -->
            <Model.Class xml:link='simple' href='Foundation.xml#a32B69F3A0118' /> <!--
              Foundation.Core.Namespace -->
          </Model.GeneralizableElement.supertypes>
          <Model.Namespace.contents>
            <Model.Reference>

```

```

<Model.ModelElement.name>elementImport</Model.ModelElement.name>
<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.Feature.scope xmi.value='instance_level'/>
<Model.Feature.visibility xmi.value='public_vis'/>
<Model.StructuralFeature.multiplicity>
  <XMI.field>0</XMI.field>
  <XMI.field>-1</XMI.field>
  <XMI.field>>false</XMI.field>
  <XMI.field>>true</XMI.field>
</Model.StructuralFeature.multiplicity>
<Model.StructuralFeature.isChangeable xmi.value='true'/>
<Model.TypedElement.type>
  <Model.Class xmi.idref='a33CD73FB0168'/> <!-- Model_Management.ElementImport -->
</Model.TypedElement.type>
<Model.Reference.referencedEnd>
  <Model.AssociationEnd xmi.idref='a3717D25E01D1'/> <!--
    Model_Management.A_package_elementImport.elementImport -->
</Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Subsystem -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a33CD6DE5030C'>
  <Model.ModelElement.name>Subsystem</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a327A5D19033E'/> <!-- Model_Management.Package -->
    <Model.Class xmi:link='simple' href='Foundation.xml#a32989FB2023D'/> <!--
      Foundation.Core.Classifier -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a33F223B800AA'>
      <Model.ModelElement.name>isInstantiable</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'/>
      <Model.Attribute.isDerived xmi.value='false'/>
      <Model.TypedElement.type>
        <Model.DataType xmi:link='simple' href='Foundation.xml#a33DD6F650276'/> <!--
          Foundation.Data_Types.Boolean -->
      </Model.TypedElement.type>
    </Model.Attribute>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: ElementImport -->
<!-- _____ -->

```

```

<!-- _____ -->
<Model.Class xmi.id='a33CD73FB0168'>
  <Model.ModelElement.name>ElementImport</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a33CD741B0032'>
      <Model.ModelElement.name>visibility</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'/>
      <Model.Attribute.isDerived xmi.value='false'/>
      <Model.TypedElement.type>
        <Model.DataType xmi:link='simple' href='Foundation.xml#a33DD704201E0'/> <!--
          Foundation.Data_Types.VisibilityKind -->
      </Model.TypedElement.type>
    </Model.Attribute>
    <Model.Attribute xmi.id='a33CD74260168'>
      <Model.ModelElement.name>alias</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'/>
      <Model.Attribute.isDerived xmi.value='false'/>
      <Model.TypedElement.type>
        <Model.DataType xmi:link='simple' href='Foundation.xml#a33DD6FCF03C0'/> <!--
          Foundation.Data_Types.Name -->
      </Model.TypedElement.type>
    </Model.Attribute>
    <Model.Reference>
      <Model.ModelElement.name>modelElement</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi:link='simple' href='Foundation.xml#a327A5C7301CC'/> <!--
          Foundation.Core.ModelElement -->
      </Model.TypedElement.type>
    </Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a3717D1EA01E8'/> <!--
      Model_Management.A_modelElement_elementImport.modelElement -->
  </Model.Reference.referencedEnd>

```

```

</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>package</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
    <XMI.field>1</XMI.field>
    <XMI.field>1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>false</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a327A5D19033E'/> <!-- Model_Management.Package -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a3717D25E01BD'/> <!--
      Model_Management.A_package_elementImport.package -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Import to: Foundation -->
<!-- -->
<!-- _____ -->

<Model.Import>
  <Model.ModelElement.name>Foundation</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Import.visibility xmi.value='public_vis'/>
  <Model.Import.isClustered xmi.value='false'/>
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='Foundation.xml|a327A5A6D02DA'/>
  </Model.Import.importedNamespace>
</Model.Import>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: A_modelElement_elementImport -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a3717D1E1031C'>
  <Model.ModelElement.name>A_modelElement_elementImport</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a3717D1EA01E8'>
      <Model.ModelElement.name>modelElement</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

```

```

    <Model.TypedElement.type>
      <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC' /> <!--
        Foundation.Core.ModelElement -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a3717D1EB0027'>
    <Model.ModelElement.name>elementImport</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true' />
    <Model.AssociationEnd.aggregation xmi.value='none' />
    <Model.AssociationEnd.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true' />
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a33CD73FB0168' /> <!-- Model_Management.ElementImport -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_package_elementImport -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a3717D2530334'>
  <Model.ModelElement.name>A_package_elementImport</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a3717D25E01BD'>
      <Model.ModelElement.name>package</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='composite' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327A5D19033E' /> <!-- Model_Management.Package -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a3717D25E01D1'>
      <Model.ModelElement.name>elementImport</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />

```

---

```

    <Model.TypedElement.type>
      <Model.Class xmi.idref='a33CD73FB0168' /> <!-- Model_Management.ElementImport -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Tags _____ -->
<!-- _____ -->
<!-- _____ -->

<Model.Tag>
  <Model.ModelElement.name>IDL Prefix</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Tag.tagId>org.omg.mof.idl_prefix</Model.Tag.tagId>
  <Model.Tag.values>
    <XMI.any xmi.type='string' xmi.name=''>org.omg.uml</XMI.any>
  </Model.Tag.values>
  <Model.Tag.elements>
    <Model.Package xmi.idref='a334ACE0C0028' /> <!-- Model_Management -->
  </Model.Tag.elements>
</Model.Tag>
</Model.Namespace.contents>
</Model.Package>
</XMI.content>
</XMI>

```

## 1.14 UML Behavioral\_Elements.xml

```

<?xml version = '1.0' encoding = 'ISO-8859-1' ?>
<!DOCTYPE XMI SYSTEM 'Model.dtd'>
<XMI xmi.version='1.0'>
  <XMI.header>
    <XMI.metamodel xmi.name='org.omg.Mof.Model' xmi.version='1.3'/>
  </XMI.header>
  <XMI.content>

    <!-- _____ -->
    <!-- _____ -->
    <!-- Contents of Package: Behavioral_Elements -->
    <!-- _____ -->
    <!-- _____ -->

    <Model.Package xmi.id='a327A5A8003B6'>
      <Model.ModelElement.name>Behavioral_Elements</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.GeneralizableElement.isRoot xmi.value='false'/>
      <Model.GeneralizableElement.isLeaf xmi.value='false'/>
      <Model.GeneralizableElement.isAbstract xmi.value='false'/>
      <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
      <Model.Namespace.contents>

        <!-- _____ -->
        <!-- _____ -->
        <!-- Contents of Package: Common_Behavior -->
        <!-- _____ -->
        <!-- _____ -->

        <Model.Package xmi.id='a335C122001A4'>
          <Model.ModelElement.name>Common_Behavior</Model.ModelElement.name>
          <Model.ModelElement.annotation> </Model.ModelElement.annotation>
          <Model.GeneralizableElement.isRoot xmi.value='false'/>
          <Model.GeneralizableElement.isLeaf xmi.value='false'/>
          <Model.GeneralizableElement.isAbstract xmi.value='false'/>
          <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
          <Model.Namespace.contents>

            <!-- _____ -->
            <!-- _____ -->
            <!-- Contents of Class: Instance -->
            <!-- _____ -->
            <!-- _____ -->

            <Model.Class xmi.id='a327BC77C038E'>
              <Model.ModelElement.name>Instance</Model.ModelElement.name>
              <Model.ModelElement.annotation> </Model.ModelElement.annotation>
              <Model.GeneralizableElement.isRoot xmi.value='false'/>
              <Model.GeneralizableElement.isLeaf xmi.value='false'/>
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    <Model.Reference.referencedEnd>
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    >
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  <Model.GeneralizableElement.supertypes>
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      Foundation.Core.ModelElement -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
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      <Model.Feature.visibility xmi.value='public_vis' />
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        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.ischangeable xmi.value='true' />
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        <Model.Class xmi:link='simple' href='Foundation.xml#a327BA5E802E4' /> <!--
          Foundation.Core.Attribute -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a33DBC16F0028' /> <!--
          Behavioral_Elements.Common_Behavior.A_attributeLink_attribute.attribute -
        ->
      </Model.Reference.referencedEnd>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

```

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<Model.Reference>
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  <Model.Feature.visibility xmi.value='public_vis'/>
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  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a327BC77C038E'/> <!--
      Behavioral_Elements.Common_Behavior.Instance -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a33DBC1A401EB'/> <!--
      Behavioral_Elements.Common_Behavior.A_attributeLink_value.value -->
  </Model.Reference.referencedEnd>
</Model.Reference>
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  <Model.Feature.visibility xmi.value='public_vis'/>
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      Behavioral_Elements.Common_Behavior.Instance -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a33FF4EFA0137'/> <!--
      Behavioral_Elements.Common_Behavior.A_slot_instance.instance -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
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  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
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    <Model.Class xmi.idref='a33F2803D0320'/> <!--
      Behavioral_Elements.Common_Behavior.LinkEnd -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a374F0B5400BB'/> <!--
      Behavioral_Elements.Common_Behavior.A_linkEnd_qualifiedValue.linkEnd -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->

```

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<!-- Contents of Class: LinkObject -->
<!-- ----- -->
<!-- ----- -->
<!-- ----- -->
<!-- ----- -->

<Model.Class xmi.id='a33BC9AB9033E'>
  <Model.ModelElement.name>LinkObject</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Class.isSingleton xmi.value='false'>/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a33BC99D60302'>/> <!--
      Behavioral_Elements.Common_Behavior.Object -->
  <Model.Class xmi.idref='a33F275E20000'>/> <!-- Behavioral_Elements.Common_Behavior.Link
    -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- ----- -->
<!-- ----- -->
<!-- Contents of Class: Object -->
<!-- ----- -->
<!-- ----- -->
<!-- ----- -->

<Model.Class xmi.id='a33BC99D60302'>
  <Model.ModelElement.name>Object</Model.ModelElement.name>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Class.isSingleton xmi.value='false'>/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a327BC77C038E'>/> <!--
      Behavioral_Elements.Common_Behavior.Instance -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- ----- -->
<!-- ----- -->
<!-- Contents of Class: DataValue -->
<!-- ----- -->
<!-- ----- -->
<!-- ----- -->

<Model.Class xmi.id='a33BC9AFB02E4'>
  <Model.ModelElement.name>DataValue</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Class.isSingleton xmi.value='false'>/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a327BC77C038E'>/> <!--
      Behavioral_Elements.Common_Behavior.Instance -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- ----- -->
<!-- ----- -->
<!-- Contents of Class: CallAction -->
<!-- ----- -->
<!-- ----- -->
<!-- ----- -->

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```

<Model.Class xmi.id='a336990DE026C'>
  <Model.ModelElement.name>CallAction</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a328AAE8E0028' /> <!--
      Behavioral_Elements.Common_Behavior.Action -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
      <Model.ModelElement.name>operation</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
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        <XMI.field>1</XMI.field>
        <XMI.field>false</XMI.field>
        <XMI.field>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi:link='simple' href='Foundation.xml#a327BB68C0398' /> <!--
          Foundation.Core.Operation -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a36266EAA01FF' /> <!--
          Behavioral_Elements.Common_Behavior.A_callAction_operation.operation -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: SendAction _____ -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a336990B900A0'>
  <Model.ModelElement.name>SendAction</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a328AAE8E0028' /> <!--
      Behavioral_Elements.Common_Behavior.Action -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
      <Model.ModelElement.name>signal</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
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        <XMI.field>false</XMI.field>
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    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a3389030B00E6'/> <!--
        Behavioral_Elements.Common_Behavior.Signal -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a33699121012C'/> <!--
        Behavioral_Elements.Common_Behavior.A_signal_sendAction.signal -->
    </Model.Reference.referencedEnd>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: ActionSequence -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a3288E55B03DE'>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a328AAE8E0028'/> <!--
      Behavioral_Elements.Common_Behavior.Action -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
      <Model.ModelElement.name>action</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
      <Model.StructuralFeature.multiplicity>
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        <XMI.field>true</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a328AAE8E0028'/> <!--
          Behavioral_Elements.Common_Behavior.Action -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a363555210065'/> <!--
          Behavioral_Elements.Common_Behavior.A_actionSequence_action.action -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Argument -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a33D9073E03B6'>
  <Model.ModelElement.name>Argument</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>

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```

<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Class.isSingleton xmi.value='false'/>
<Model.GeneralizableElement.supertypes>
  <Model.Class xmi:link='simple' href='Foundation.xml#a327A5C7301CC'/> <!--
    Foundation.Core.ModelElement -->
</Model.GeneralizableElement.supertypes>
<Model.Namespace.contents>
  <Model.Attribute xmi.id='a33D9076D00FA'>
    <Model.ModelElement.name>value</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
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    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.Attribute.isDerived xmi.value='false'/>
    <Model.TypedElement.type>
      <Model.DataType xmi:link='simple' href='Foundation.xml#a33CFA00203A2'/> <!--
        Foundation.Data.Types.Expression -->
    </Model.TypedElement.type>
  </Model.Attribute>
  <Model.Reference>
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    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
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      <XMI.field>>false</XMI.field>
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    <Model.TypedElement.type>
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        Behavioral_Elements.Common_Behavior.Action -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi:idref='a33CFA4B90281'/> <!--
        Behavioral_Elements.Common_Behavior.A_actualArgument_action.action -->
    </Model.Reference.referencedEnd>
  </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Reception -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a33EC13250140'>
  <Model.ModelElement.name>Reception</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi:link='simple' href='Foundation.xml#a3298BCF00260'/> <!--
      Foundation.Core.BehavioralFeature -->
  </Model.GeneralizableElement.supertypes>

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</Model.GeneralizableElement.supertypes>
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  <Model.Attribute xmi.id='a33EC14D000FA'>
    <Model.ModelElement.name>specification</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level' />
    <Model.Feature.visibility xmi.value='public_vis' />
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      <XMI.field>>false</XMI.field>
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    <Model.StructuralFeature.ischangeable xmi.value='true' />
    <Model.Attribute.isDerived xmi.value='false' />
    <Model.TypedElement.type>
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        Foundation.Data_Types.String -->
    </Model.TypedElement.type>
  </Model.Attribute>
  <Model.Attribute xmi.id='a374F09C900DA'>
    <Model.ModelElement.name>isRoot</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level' />
    <Model.Feature.visibility xmi.value='public_vis' />
    <Model.StructuralFeature.multiplicity>
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    <Model.Attribute.isDerived xmi.value='false' />
    <Model.TypedElement.type>
      <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6F650276' /> <!--
        Foundation.Data_Types.Boolean -->
    </Model.TypedElement.type>
  </Model.Attribute>
  <Model.Attribute xmi.id='a374F09E800AB'>
    <Model.ModelElement.name>isLeaf</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level' />
    <Model.Feature.visibility xmi.value='public_vis' />
    <Model.StructuralFeature.multiplicity>
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      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.ischangeable xmi.value='true' />
    <Model.Attribute.isDerived xmi.value='false' />
    <Model.TypedElement.type>
      <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6F650276' /> <!--
        Foundation.Data_Types.Boolean -->
    </Model.TypedElement.type>
  </Model.Attribute>
  <Model.Attribute xmi.id='a374F09FB0157'>
    <Model.ModelElement.name>isAbstract</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level' />
    <Model.Feature.visibility xmi.value='public_vis' />
    <Model.StructuralFeature.multiplicity>
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    </Model.StructuralFeature.multiplicity>

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```

<Model.StructuralFeature.isChangeable xmi.value='true'/>
<Model.Attribute.isDerived xmi.value='false'/>
<Model.TypedElement.type>
  <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6F650276'/> <!--
    Foundation.Data_Types.Boolean -->
</Model.TypedElement.type>
</Model.Attribute>
<Model.Reference>
  <Model.ModelElement.name>signal</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
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    <XMI.field>1</XMI.field>
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    <XMI.field>>false</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a3389030B00E6'/> <!--
      Behavioral_Elements.Common_Behavior.Signal -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a33FA370702F8'/> <!--
      Behavioral_Elements.Common_Behavior.A_signal_reception.signal -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Link -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a33F275E20000'>
  <Model.ModelElement.name>Link</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC'/> <!--
      Foundation.Core.ModelElement -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
      <Model.ModelElement.name>association</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
      <Model.StructuralFeature.multiplicity>
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        <XMI.field>1</XMI.field>
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        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xml:link='simple' href='Foundation.xml#a3298AE8300D9'/> <!--
          Foundation.Core.Association -->
      </Model.TypedElement.type>
    <Model.Reference.referencedEnd>

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    <Model.AssociationEnd xmi.idref='a328A5BB3023A'> <!--
        Behavioral_Elements.Common_Behavior.A_association_link.association -->
    </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
    <Model.ModelElement.name>connection</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'>
    <Model.Feature.visibility xmi.value='public_vis'>
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        <XMI.field>-1</XMI.field>
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        <XMI.field>>true</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'>
    <Model.TypedElement.type>
        <Model.Class xmi.idref='a33F2803D0320'> <!--
            Behavioral_Elements.Common_Behavior.LinkEnd -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a328A598B03C0'> <!--
            Behavioral_Elements.Common_Behavior.A_link_connection.connection -->
    </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
    <Model.ModelElement.name>stimulus</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'>
    <Model.Feature.visibility xmi.value='public_vis'>
    <Model.StructuralFeature.multiplicity>
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        <XMI.field>-1</XMI.field>
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        <XMI.field>>true</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true'>
    <Model.TypedElement.type>
        <Model.Class xmi.idref='a33FEEA66033E'> <!--
            Behavioral_Elements.Common_Behavior.Stimulus -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a3650EE690082'> <!--
            Behavioral_Elements.Common_Behavior.A_stimulus_communicationLink.stimulus
            -->
    </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: LinkEnd -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a33F2803D0320'>
    <Model.ModelElement.name>LinkEnd</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.GeneralizableElement.isRoot xmi.value='false'>
    <Model.GeneralizableElement.isLeaf xmi.value='false'>
    <Model.GeneralizableElement.isAbstract xmi.value='false'>
    <Model.GeneralizableElement.visibility xmi.value='public_vis'>
    <Model.Class.isSingleton xmi.value='false'>
    <Model.GeneralizableElement.supertypes>
        <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC'> <!--
            Foundation.Core.ModelElement -->

```

```

</Model.GeneralizableElement.supertypes>
<Model.Namespace.contents>
  <Model.Reference>
    <Model.ModelElement.name>instance</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level' />
    <Model.Feature.visibility xmi.value='public_vis' />
    <Model.StructuralFeature.multiplicity>
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      <XMI.field>1</XMI.field>
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      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true' />
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a327BC77C038E' /> <!--
        Behavioral_Elements.Common_Behavior.Instance -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a33DBC1DC01FE' /> <!--
        Behavioral_Elements.Common_Behavior.A_instance_linkEnd.instance -->
    </Model.Reference.referencedEnd>
  </Model.Reference>
  <Model.Reference>
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    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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    <Model.Feature.visibility xmi.value='public_vis' />
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        Behavioral_Elements.Common_Behavior.Link -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a328A598B0352' /> <!--
        Behavioral_Elements.Common_Behavior.A_link_connection.link -->
    </Model.Reference.referencedEnd>
  </Model.Reference>
  <Model.Reference>
    <Model.ModelElement.name>associationEnd</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level' />
    <Model.Feature.visibility xmi.value='public_vis' />
    <Model.StructuralFeature.multiplicity>
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      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.isChangeable xmi.value='true' />
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      <Model.Class xml:link='simple' href='Foundation.xml#a3340359400BD' /> <!--
        Foundation.Core.AssociationEnd -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a328A5C1F029E' /> <!--
        Behavioral_Elements.Common_Behavior.A_associationEnd_linkEnd.associationEnd -->
    </Model.Reference.referencedEnd>
  </Model.Reference>
</Model.Reference>

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<Model.ModelElement.name>qualifiedValue</Model.ModelElement.name>
<Model.ModelElement.annotation> </Model.ModelElement.annotation>
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<Model.Feature.visibility xmi.value='public_vis' />
<Model.StructuralFeature.multiplicity>
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  <XMI.field>>true</XMI.field>
</Model.StructuralFeature.multiplicity>
<Model.StructuralFeature.isChangeable xmi.value='true' />
<Model.TypedElement.type>
  <Model.Class xmi.idref='a33BEF3A603CA' /> <!--
    Behavioral_Elements.Common_Behavior.AttributeLink -->
</Model.TypedElement.type>
<Model.Reference.referencedEnd>
  <Model.AssociationEnd xmi.idref='a374F0B5400CB' /> <!--
    Behavioral_Elements.Common_Behavior.A_linkEnd_qualifiedValue.qualifiedVal
    ue -->
</Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Contents of Class: ReturnAction -->
<!-- -->
<!-- _____ -->

<Model.Class xmi.id='a33FB67A202E4'>
  <Model.ModelElement.name>ReturnAction</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a328AAE8E0028' /> <!--
      Behavioral_Elements.Common_Behavior.Action -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Contents of Class: TerminateAction -->
<!-- -->
<!-- _____ -->

<Model.Class xmi.id='a33FD1F8F00F0'>
  <Model.ModelElement.name>TerminateAction</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a328AAE8E0028' /> <!--
      Behavioral_Elements.Common_Behavior.Action -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Contents of Class: Stimulus -->
<!-- -->

```

```

<!-- -->
<!-- -->

<Model.Class xmi.id='a33FEEA66033E'>
  <Model.ModelElement.name>Stimulus</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Class.isSingleton xmi.value='false'>/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi:link='simple' href='Foundation.xml#a327A5C7301CC'>/> <!--
      Foundation.Core.ModelElement -->
  </Model.GeneralizableElement.supertypes>
</Model.Namespace.contents>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'>/>
  <Model.Feature.visibility xmi.value='public_vis'>/>
  <Model.StructuralFeature.multiplicity>
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    <XMI.field>-1</XMI.field>
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    <XMI.field>true</XMI.field>
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  <Model.StructuralFeature.isChangeable xmi.value='true'>/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a327BC77C038E'>/> <!--
      Behavioral_Elements.Common_Behavior.Instance -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a33FF558C015E'>/> <!--
      Behavioral_Elements.Common_Behavior.A_argument_stimulus1.argument -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>sender</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'>/>
  <Model.Feature.visibility xmi.value='public_vis'>/>
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    <XMI.field>1</XMI.field>
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    <XMI.field>>false</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'>/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a327BC77C038E'>/> <!--
      Behavioral_Elements.Common_Behavior.Instance -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a34030E17017D'>/> <!--
      Behavioral_Elements.Common_Behavior.A_stimulus3_sender.sender -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
  <Model.ModelElement.name>receiver</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'>/>
  <Model.Feature.visibility xmi.value='public_vis'>/>
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    <XMI.field>1</XMI.field>
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    <Model.Class xmi.idref='a327BC77C038E' /> <!--
      Behavioral_Elements.Common_Behavior.Instance -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a3650ECD502BC' /> <!--
      Behavioral_Elements.Common_Behavior.A_receiver_stimulus2.receiver -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
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  <Model.Feature.scope xmi.value='instance_level' />
  <Model.Feature.visibility xmi.value='public_vis' />
  <Model.StructuralFeature.multiplicity>
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    <XMI.field>false</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a33F275E20000' /> <!--
      Behavioral_Elements.Common_Behavior.Link -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a3650EE690083' /> <!--
      Behavioral_Elements.Common_Behavior.A_stimulus_communicationLink.communic
      ationLink -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
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  <Model.Feature.visibility xmi.value='public_vis' />
  <Model.StructuralFeature.multiplicity>
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  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a328AAE8E0028' /> <!--
      Behavioral_Elements.Common_Behavior.Action -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a3650F0CD0294' /> <!--
      Behavioral_Elements.Common_Behavior.A_dispatchAction_stimulus.dispatchAct
      ion -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Exception -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a33FFD974028A'>
  <Model.ModelElement.name>Exception</Model.ModelElement.name>

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<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.GeneralizableElement.isRoot xmi.value='false' />
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<Model.GeneralizableElement.visibility xmi.value='public_vis' />
<Model.Class.isSingleton xmi.value='false' />
<Model.GeneralizableElement.supertypes>
  <Model.Class xmi.idref='a3389030B00E6' /> <!--
    Behavioral_Elements.Common_Behavior.Signal -->
</Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Contents of Class: ComponentInstance -->
<!-- -->
<!-- _____ -->

<Model.Class xmi.id='a364B657E03CA'>
  <Model.ModelElement.name>ComponentInstance</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a327BC77C038E' /> <!--
      Behavioral_Elements.Common_Behavior.Instance -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
      <Model.ModelElement.name>nodeInstance</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
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        <XMI.field>1</XMI.field>
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        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a364B6592023A' /> <!--
          Behavioral_Elements.Common_Behavior.NodeInstance -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a364B65E50123' /> <!--
          Behavioral_Elements.Common_Behavior.A_resident_nodeInstance.nodeInstance
          -->
      </Model.Reference.referencedEnd>
    </Model.Reference>
    <Model.Reference>
      <Model.ModelElement.name>resident</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level' />
      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
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        <XMI.field>true</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327BC77C038E' /> <!--

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        Behavioral_Elements.Common_Behavior.Instance -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a364B65EA0154' /> <!--
            Behavioral_Elements.Common_Behavior.A_resident_componentInstance.resident
        -->
    </Model.Reference.referencedEnd>
    </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: NodeInstance -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a364B6592023A'>
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    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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    <Model.GeneralizableElement.isLeaf xmi.value='false' />
    <Model.GeneralizableElement.isAbstract xmi.value='false' />
    <Model.GeneralizableElement.visibility xmi.value='public_vis' />
    <Model.Class.isSingleton xmi.value='false' />
    <Model.GeneralizableElement.supertypes>
        <Model.Class xmi.idref='a327BC77C038E' /> <!--
            Behavioral_Elements.Common_Behavior.Instance -->
    </Model.GeneralizableElement.supertypes>
    <Model.Namespace.contents>
        <Model.Reference>
            <Model.ModelElement.name>resident</Model.ModelElement.name>
            <Model.ModelElement.annotation> </Model.ModelElement.annotation>
            <Model.Feature.scope xmi.value='instance_level' />
            <Model.Feature.visibility xmi.value='public_vis' />
            <Model.StructuralFeature.multiplicity>
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            </Model.StructuralFeature.multiplicity>
            <Model.StructuralFeature.isChangeable xmi.value='true' />
            <Model.TypedElement.type>
                <Model.Class xmi.idref='a364B657E03CA' /> <!--
                    Behavioral_Elements.Common_Behavior.ComponentInstance -->
            </Model.TypedElement.type>
            <Model.Reference.referencedEnd>
                <Model.AssociationEnd xmi.idref='a364B65E50122' /> <!--
                    Behavioral_Elements.Common_Behavior.A_resident_nodeInstance.resident -->
            </Model.Reference.referencedEnd>
        </Model.Reference>
    </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_instance_classifier -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a33CAD7E7008C'>
    <Model.ModelElement.name>A_instance_classifier</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.GeneralizableElement.isRoot xmi.value='false' />
    <Model.GeneralizableElement.isLeaf xmi.value='false' />
    <Model.GeneralizableElement.isAbstract xmi.value='false' />
    <Model.GeneralizableElement.visibility xmi.value='public_vis' />

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<Model.Association.isDerived xmi.value='false'/>
<Model.Namespace.contents>
  <Model.AssociationEnd xmi.id='a33CAD7E900AA'>
    <Model.ModelElement.name>instance</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='none'/>
    <Model.AssociationEnd.multiplicity>
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      <XMI.field>-1</XMI.field>
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      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a327BC77C038E'/> <!--
        Behavioral_Elements.Common_Behavior.Instance -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a33CAD7E900AB'>
    <Model.ModelElement.name>classifier</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='none'/>
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    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi:link='simple' href='Foundation.xml#a32989FB2023D'/> <!--
        Foundation.Core.Classifier -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_actualArgument_action -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a33CFA4B80334'>
  <Model.ModelElement.name>A_actualArgument_action</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33CFA4B90280'>
      <Model.ModelElement.name>actualArgument</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>-1</XMI.field>
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        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>

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    <Model.Class xmi.idref='a33D9073E03B6' /> <!--
        Behavioral_Elements.Common_Behavior.Argument -->
    </Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a33CFA4B90281'>
    <Model.ModelElement.name>action</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true' />
    <Model.AssociationEnd.aggregation xmi.value='composite' />
    <Model.AssociationEnd.multiplicity>
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        <XMI.field>>false</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true' />
    <Model.TypedElement.type>
        <Model.Class xmi.idref='a328AAE8E0028' /> <!--
            Behavioral_Elements.Common_Behavior.Action -->
    </Model.TypedElement.type>
    </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: A_createAction_instantiation -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a33CFD0A602F8'>
    <Model.ModelElement.name>A_createAction_instantiation</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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    <Model.GeneralizableElement.isLeaf xmi.value='false' />
    <Model.GeneralizableElement.isAbstract xmi.value='false' />
    <Model.GeneralizableElement.visibility xmi.value='public_vis' />
    <Model.Association.isDerived xmi.value='false' />
    <Model.Namespace.contents>
        <Model.AssociationEnd xmi.id='a33CFD0A70168'>
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            <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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            <Model.AssociationEnd.aggregation xmi.value='none' />
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                <XMI.field>>true</XMI.field>
            </Model.AssociationEnd.multiplicity>
            <Model.AssociationEnd.isChangeable xmi.value='true' />
            <Model.TypedElement.type>
                <Model.Class xmi.idref='a33CAD65D0370' /> <!--
                    Behavioral_Elements.Common_Behavior.CreateAction -->
            </Model.TypedElement.type>
        </Model.AssociationEnd>
        <Model.AssociationEnd xmi.id='a33CFD0A701A4'>
            <Model.ModelElement.name>instantiation</Model.ModelElement.name>
            <Model.ModelElement.annotation> </Model.ModelElement.annotation>
            <Model.AssociationEnd.isNavigable xmi.value='true' />
            <Model.AssociationEnd.aggregation xmi.value='none' />
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                <XMI.field>1</XMI.field>
                <XMI.field>>false</XMI.field>
                <XMI.field>>false</XMI.field>
            </Model.AssociationEnd.multiplicity>
    </Model.Namespace.contents>
</Model.Association>

```

```

    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xml:link='simple' href='Foundation.xml#a32989FB2023D'/> <!--
        Foundation.Core.Classifier -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_attributeLink_attribute -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a33DBC16D0190'>
  <Model.ModelElement.name>A_attributeLink_attribute</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33DBC16E02C6'>
      <Model.ModelElement.name>attributeLink</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
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        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a33BEF3A603CA'/> <!--
          Behavioral_Elements.Common_Behavior.AttributeLink -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a33DBC16F0028'>
      <Model.ModelElement.name>attribute</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xml:link='simple' href='Foundation.xml#a327BA5E802E4'/> <!--
          Foundation.Core.Attribute -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_attributeLink_value -->
<!-- _____ -->
<!-- _____ -->

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<Model.Association xmi.id='a33DBC1A200B4'>
  <Model.ModelElement.name>A_attributeLink</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33DBC1A401EA'>
      <Model.ModelElement.name>attributeLink</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a33BEF3A603CA'/> <!--
          Behavioral_Elements.Common_Behavior.AttributeLink -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a33DBC1A401EB'>
      <Model.ModelElement.name>value</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327BC77C038E'/> <!--
          Behavioral_Elements.Common_Behavior.Instance -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_instance_linkEnd -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a33DBC1DB012C'>
  <Model.ModelElement.name>A_instance_linkEnd</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33DBC1DC01FE'>
      <Model.ModelElement.name>instance</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>

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    <XMI.field>1</XMI.field>
    <XMI.field>1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>false</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a327BC77C038E'/> <!--
      Behavioral_Elements.Common_Behavior.Instance -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a33DBC1DC01FF'>
  <Model.ModelElement.name>linkEnd</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true'/>
  <Model.AssociationEnd.aggregation xmi.value='none'/>
  <Model.AssociationEnd.multiplicity>
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  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a33F2803D0320'/> <!--
      Behavioral_Elements.Common_Behavior.LinkEnd -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_signal_reception -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a33FA37050118'>
  <Model.ModelElement.name>A_signal_reception</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33FA370702F8'>
      <Model.ModelElement.name>signal</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3389030B00E6'/> <!--
          Behavioral_Elements.Common_Behavior.Signal -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a33FA370702F9'>
      <Model.ModelElement.name>reception</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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<Model.AssociationEnd.aggregation xmi.value='none'/>
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  <XMI.field>>false</XMI.field>
  <XMI.field>>true</XMI.field>
</Model.AssociationEnd.multiplicity>
<Model.AssociationEnd.isChangeable xmi.value='true'/>
<Model.TypedElement.type>
  <Model.Class xmi.idref='a33EC13250140'/> <!--
    Behavioral_Elements.Common_Behavior.Reception -->
</Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: A_slot_instance -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a33FF4EF7029E'>
  <Model.ModelElement.name>A_slot_instance</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33FF4EFA0136'>
      <Model.ModelElement.name>slot</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a33BEF3A603CA'/> <!--
          Behavioral_Elements.Common_Behavior.AttributeLink -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a33FF4EFA0137'>
      <Model.ModelElement.name>instance</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='composite'/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327BC77C038E'/> <!--
          Behavioral_Elements.Common_Behavior.Instance -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

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<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_argument_stimulus1 -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a33FF558A01AE'>
  <Model.ModelElement.name>A_argument_stimulus1</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33FF558C015E'>
      <Model.ModelElement.name>argument</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='none'>/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327BC77C038E'>/> <!--
          Behavioral_Elements.Common_Behavior.Instance -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a33FF558C0190'>
      <Model.ModelElement.name>stimulus1</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='composite'>/>
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        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a33FEEA66033E'>/> <!--
          Behavioral_Elements.Common_Behavior.Stimulus -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_context_raisedSignal -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a33FFD9830014'>
  <Model.ModelElement.name>A_context_raisedSignal</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>

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<Model.Namespace.contents>
  <Model.AssociationEnd xmi.id='a33FFD98400B6'>
    <Model.ModelElement.name>context</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'>/>
    <Model.AssociationEnd.aggregation xmi.value='none'>/>
    <Model.AssociationEnd.multiplicity>
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      <XMI.field>-1</XMI.field>
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      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'>/>
    <Model.TypedElement.type>
      <Model.Class xmi:link='simple' href='Foundation.xml#a3298BCF00260'>/> <!--
        Foundation.Core.BehavioralFeature -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a33FFD98400B7'>
    <Model.ModelElement.name>raisedSignal</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'>/>
    <Model.AssociationEnd.aggregation xmi.value='none'>/>
    <Model.AssociationEnd.multiplicity>
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      <XMI.field>-1</XMI.field>
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      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'>/>
    <Model.TypedElement.type>
      <Model.Class xmi:idref='a3389030B00E6'>/> <!--
        Behavioral_Elements.Common_Behavior.Signal -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_association_link -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a328A5BB20280'>
  <Model.ModelElement.name>A_association_link</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a328A5BB3023A'>
      <Model.ModelElement.name>association</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='none'>/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi:link='simple' href='Foundation.xml#a3298AE8300D9'>/> <!--

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        Foundation.Core.Association -->
    </Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a328A5BB3023B'>
    <Model.ModelElement.name>link</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='none'/>
    <Model.AssociationEnd.multiplicity>
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        <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
        <Model.Class xmi.idref='a33F275E20000'/> <!--
            Behavioral_Elements.Common_Behavior.Link -->
    </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_link_connection -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a328A598B00F0'>
    <Model.ModelElement.name>A_link_connection</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.GeneralizableElement.isRoot xmi.value='false'/>
    <Model.GeneralizableElement.isLeaf xmi.value='false'/>
    <Model.GeneralizableElement.isAbstract xmi.value='false'/>
    <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
    <Model.Association.isDerived xmi.value='false'/>
    <Model.Namespace.contents>
        <Model.AssociationEnd xmi.id='a328A598B0352'>
            <Model.ModelElement.name>link</Model.ModelElement.name>
            <Model.ModelElement.annotation> </Model.ModelElement.annotation>
            <Model.AssociationEnd.isNavigable xmi.value='true'/>
            <Model.AssociationEnd.aggregation xmi.value='composite'/>
            <Model.AssociationEnd.multiplicity>
                <XMI.field>1</XMI.field>
                <XMI.field>1</XMI.field>
                <XMI.field>>false</XMI.field>
                <XMI.field>>false</XMI.field>
            </Model.AssociationEnd.multiplicity>
            <Model.AssociationEnd.isChangeable xmi.value='true'/>
            <Model.TypedElement.type>
                <Model.Class xmi.idref='a33F275E20000'/> <!--
                    Behavioral_Elements.Common_Behavior.Link -->
            </Model.TypedElement.type>
        </Model.AssociationEnd>
        <Model.AssociationEnd xmi.id='a328A598B03C0'>
            <Model.ModelElement.name>connection</Model.ModelElement.name>
            <Model.ModelElement.annotation> </Model.ModelElement.annotation>
            <Model.AssociationEnd.isNavigable xmi.value='true'/>
            <Model.AssociationEnd.aggregation xmi.value='none'/>
            <Model.AssociationEnd.multiplicity>
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                <XMI.field>-1</XMI.field>
                <XMI.field>>false</XMI.field>
                <XMI.field>>true</XMI.field>
            </Model.AssociationEnd.multiplicity>
            <Model.AssociationEnd.isChangeable xmi.value='true'/>

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    <Model.TypedElement.type>
      <Model.Class xmi.idref='a33F2803D0320' /> <!--
        Behavioral_Elements.Common_Behavior.LinkEnd -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_associationEnd_linkEnd -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a328A5C1F0118'>
  <Model.ModelElement.name>A_associationEnd_linkEnd</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a328A5C1F029E'>
      <Model.ModelElement.name>associationEnd</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi:link='simple' href='Foundation.xml#a3340359400BD' /> <!--
          Foundation.Core.AssociationEnd -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a328A5C1F029F'>
      <Model.ModelElement.name>linkEnd</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a33F2803D0320' /> <!--
          Behavioral_Elements.Common_Behavior.LinkEnd -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_stimulus3_sender -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a34030E1501CC'>

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<Model.ModelElement.name>A_stimulus3_sender</Model.ModelElement.name>
<Model.ModelElement.annotation> </Model.ModelElement.annotation>
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      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
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        Behavioral_Elements.Common_Behavior.Stimulus -->
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  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a34030E17017D'>
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    <Model.AssociationEnd.aggregation xmi.value='none'/>
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      <XMI.field>1</XMI.field>
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    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a327BC77C038E'/> <!--
        Behavioral_Elements.Common_Behavior.Instance -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

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<!-- _____ -->
<!-- Contents of Association: A_callAction_operation -->
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<!-- _____ -->

<Model.Association xmi.id='a36266EA903C0'>
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  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a36266EAA01FE'>
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    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

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    <XMI.field>-1</XMI.field>
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      Behavioral_Elements.Common_Behavior.CallAction -->
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  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi:link='simple' href='Foundation.xml|a327BB68C0398'/> <!--
      Foundation.Core.Operation -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

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<!-- _____ -->
<!-- Contents of Association: A_actionSequence_action -->
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<!-- _____ -->

<Model.Association xmi.id='a3635552000DC'>
  <Model.ModelElement.name>A_actionSequence_action</Model.ModelElement.name>
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  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a363555210064'>
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      <Model.AssociationEnd.aggregation xmi.value='composite'/>
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      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3288E55B03DE'/> <!--
          Behavioral_Elements.Common_Behavior.ActionSequence -->
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    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a363555210065'>
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    <Model.TypedElement.type>
      <Model.Class xmi.idref='a328AAE8E0028' /> <!--
        Behavioral_Elements.Common_Behavior.Action -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_resident_nodeInstance -->
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<!-- _____ -->

<Model.Association xmi.id='a364B65E4008C'>
  <Model.ModelElement.name>A_resident_nodeInstance</Model.ModelElement.name>
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  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
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      <Model.AssociationEnd.isChangeable xmi.value='true' />
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          Behavioral_Elements.Common_Behavior.ComponentInstance -->
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    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a364B65E50123'>
      <Model.ModelElement.name>nodeInstance</Model.ModelElement.name>
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        <Model.Class xmi.idref='a364B6592023A' /> <!--
          Behavioral_Elements.Common_Behavior.NodeInstance -->
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</Model.Association>

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<!-- _____ -->
<!-- -->
<!-- Contents of Association: A_resident_componentInstance -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a364B65E8024E'>
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  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
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          Behavioral_Elements.Common_Behavior.Instance -->
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    <Model.AssociationEnd xmi.id='a364B65EA0155'>
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        <Model.Class xmi.idref='a364B657E03CA'> <!--
          Behavioral_Elements.Common_Behavior.ComponentInstance -->
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  </Model.Association>

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<!-- -->
<!-- Contents of Association: A_receiver_stimulus2 -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a3650ECD402C6'>
  <Model.ModelElement.name>A_receiver_stimulus2</Model.ModelElement.name>
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  <Model.GeneralizableElement.isRoot xmi.value='false'/>
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  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
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<Model.AssociationEnd xmi.id='a3650ECD502BC'>
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    <Model.Class xmi.idref='a327BC77C038E'/> <!--
      Behavioral_Elements.Common_Behavior.Instance -->
  </Model.TypedElement.type>
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<Model.AssociationEnd xmi.id='a3650ECD502F8'>
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  <Model.TypedElement.type>
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      Behavioral_Elements.Common_Behavior.Stimulus -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
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<!-- _____ -->
<!-- Contents of Association: A_stimulus_communicationLink -->
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<!-- _____ -->

<Model.Association xmi.id='a3650EE68008C'>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
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      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a33FEEA66033E'/> <!--
          Behavioral_Elements.Common_Behavior.Stimulus -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

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    <Model.TypedElement.type>
      <Model.Class xmi.idref='a33F275E20000' /> <!--
        Behavioral_Elements.Common_Behavior.Link -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

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<!-- _____ -->
<!-- Contents of Association: A_dispatchAction_stimulus -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a3650F0CC0262'>
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  <Model.GeneralizableElement.isLeaf xmi.value='false' />
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  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
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      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a328AAE8E0028' /> <!--
          Behavioral_Elements.Common_Behavior.Action -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a3650F0CD0295'>
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        <Model.Class xmi.idref='a33FEEA66033E'> <!--
            Behavioral_Elements.Common_Behavior.Stimulus -->
        </Model.TypedElement.type>
    </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_signal_sendAction -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a3369912001A4'>
    <Model.ModelElement.name>A_signal_sendAction</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.GeneralizableElement.isRoot xmi.value='false'>/>
    <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
    <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
    <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
    <Model.Association.isDerived xmi.value='false'>/>
    <Model.Namespace.contents>
        <Model.AssociationEnd xmi.id='a33699121012C'>
            <Model.ModelElement.name>signal</Model.ModelElement.name>
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            <Model.AssociationEnd.isNavigable xmi.value='true'>/>
            <Model.AssociationEnd.aggregation xmi.value='none'>/>
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            </Model.AssociationEnd.multiplicity>
            <Model.AssociationEnd.isChangeable xmi.value='true'>/>
            <Model.TypedElement.type>
                <Model.Class xmi.idref='a3389030B00E6'> <!--
                    Behavioral_Elements.Common_Behavior.Signal -->
            </Model.TypedElement.type>
        </Model.AssociationEnd>
        <Model.AssociationEnd xmi.id='a33699121012D'>
            <Model.ModelElement.name>sendAction</Model.ModelElement.name>
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            <Model.AssociationEnd.aggregation xmi.value='none'>/>
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            </Model.AssociationEnd.multiplicity>
            <Model.AssociationEnd.isChangeable xmi.value='true'>/>
            <Model.TypedElement.type>
                <Model.Class xmi.idref='a336990B900A0'> <!--
                    Behavioral_Elements.Common_Behavior.SendAction -->
            </Model.TypedElement.type>
        </Model.AssociationEnd>
    </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_linkEnd_qualifiedValue -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a374F0B5201D4'>
    <Model.ModelElement.name>A_linkEnd_qualifiedValue</Model.ModelElement.name>

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<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.GeneralizableElement.isRoot xmi.value='false'/>
<Model.GeneralizableElement.isLeaf xmi.value='false'/>
<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Association.isDerived xmi.value='false'/>
<Model.Namespace.contents>
  <Model.AssociationEnd xmi.id='a374F0B5400BB'>
    <Model.ModelElement.name>linkEnd</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='composite'/>
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    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a33F2803D0320'/> <!--
        Behavioral_Elements.Common_Behavior.LinkEnd -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a374F0B5400CB'>
    <Model.ModelElement.name>qualifiedValue</Model.ModelElement.name>
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    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a33BEF3A603CA'/> <!--
        Behavioral_Elements.Common_Behavior.AttributeLink -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>
</Model.Namespace.contents>
</Model.Package>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Package: Use_Cases -->
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<!-- _____ -->

<Model.Package xmi.id='a336185C00118'>
  <Model.ModelElement.name>Use_Cases</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Namespace.contents>

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    <!-- _____ -->
    <!-- Contents of Class: UseCase -->
    <!-- _____ -->
    <!-- _____ -->

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<Model.Class xmi.id='a32ABA35D0230'>
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      -->
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      -->
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      Behavioral_Elements.Use_Cases.A_extension_extend.extend -->
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-->
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-->
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    Behavioral_Elements.Use_Cases.ExtensionPoint -->
</Model.TypedElement.type>
<Model.Reference.referencedEnd>
  <Model.AssociationEnd xmi.idref='a362661DB015E' /> <!--
    Behavioral_Elements.Use_Cases.A_extensionPoint_useCase.extensionPoint -->
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<!-- _____ -->
<!-- Contents of Class: Actor -->
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<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: UseCaseInstance -->
<!-- _____ -->
<!-- _____ -->

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      Behavioral_Elements.Common_Behavior.Instance -->
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<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Extend -->
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<!-- _____ -->

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    <Model.Class xml:link='simple' href='Foundation.xml#a3634C5000082'/> <!--
      Foundation.Core.Relationship -->
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-->
</Model.TypedElement.type>
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<!-- _____ -->
<!-- -->
<!-- Contents of Class: Include -->
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<!-- _____ -->

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  <Model.GeneralizableElement.supertypes>
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          -->
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          -->
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<!-- _____ -->
<!-- Contents of Class: ExtensionPoint -->
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<Model.Class xmi.id='a362661700208'>

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        -->
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<!-- Contents of Association: A_base_extend2 -->
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  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
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      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a32ABA35D0230' /> <!-- Behavioral_Elements.Use_Cases.UseCase
          -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a35FDD865000B'>
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          -->
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    </Model.AssociationEnd>
  </Model.Namespace.contents>
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<!-- _____ -->
<!-- Contents of Association: A_extension_extend -->
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<Model.Association xmi.id='a35FDD86B006E'>

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      -->
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<!-- Contents of Association: A_include_addition -->
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<!-- _____ -->

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  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
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  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
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        Behavioral_Elements.Use_Cases.ExtensionPoint -->
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<!-- _____ -->
<!-- Contents of Class: State -->
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  <Model.AssociationEnd xmi.idref='a33EBFA1C007A' /> <!--
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      t -->
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    <Model.AssociationEnd xmi.idref='a328902D40000' /> <!--
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      nsition -->
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  <Model.TypedElement.type>
    <Model.Class xmi.idref='a328AAE8E0028' /> <!--

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        Behavioral_Elements.Common_Behavior.Action -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a364987D30072' /> <!--
            Behavioral_Elements.State_Machines.A_state3_doActivity.doActivity -->
    </Model.Reference.referencedEnd>
    </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

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<!-- -->
<!-- Contents of Class: TimeEvent -->
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<Model.Class xmi.id='a32D270E90122'>
    <Model.ModelElement.name>TimeEvent</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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    <Model.GeneralizableElement.isAbstract xmi.value='false' />
    <Model.GeneralizableElement.visibility xmi.value='public_vis' />
    <Model.Class.isSingleton xmi.value='false' />
    <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a3288E51203DE' /> <!-- Behavioral_Elements.State_Machines.Event
        -->
    </Model.GeneralizableElement.supertypes>
    <Model.Namespace.contents>
        <Model.Attribute xmi.id='a33D90A0F0384'>
            <Model.ModelElement.name>when</Model.ModelElement.name>
            <Model.ModelElement.annotation> </Model.ModelElement.annotation>
            <Model.Feature.scope xmi.value='instance_level' />
            <Model.Feature.visibility xmi.value='public_vis' />
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            </Model.StructuralFeature.multiplicity>
            <Model.StructuralFeature.isChangeable xmi.value='true' />
            <Model.Attribute.isDerived xmi.value='false' />
            <Model.TypedElement.type>
                <Model.DataType xml:link='simple' href='Foundation.xml#a3288E5F60258' /> <!--
                    Foundation.Data_Types.TimeExpression -->
            </Model.TypedElement.type>
        </Model.Attribute>
    </Model.Namespace.contents>
</Model.Class>

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<!-- -->
<!-- Contents of Class: CallEvent -->
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<!-- _____ -->

<Model.Class xmi.id='a32D270DC0262'>
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    <Model.GeneralizableElement.isLeaf xmi.value='false' />
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    <Model.GeneralizableElement.visibility xmi.value='public_vis' />
    <Model.Class.isSingleton xmi.value='false' />
    <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a3288E51203DE' /> <!-- Behavioral_Elements.State_Machines.Event
        -->

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</Model.GeneralizableElement.supertypes>
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    <Model.Feature.visibility xmi.value='public_vis' />
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    <Model.StructuralFeature.ischangeable xmi.value='true' />
    <Model.TypedElement.type>
      <Model.Class xmi:link='simple' href='Foundation.xml#a327BB68C0398' /> <!--
        Foundation.Core.Operation -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a32B598450001' /> <!--
        Behavioral_Elements.State_Machines.A_occurrence_operation.operation -->
    </Model.Reference.referencedEnd>
  </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: SignalEvent -->
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<!-- _____ -->

<Model.Class xmi.id='a32D270CC01FE'>
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  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a3288E51203DE' /> <!-- Behavioral_Elements.State_Machines.Event
      -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
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      <Model.Feature.visibility xmi.value='public_vis' />
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      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3389030B00E6' /> <!--
          Behavioral_Elements.Common_Behavior.Signal -->
      </Model.TypedElement.type>
      <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a336A39BE038E' /> <!--
          Behavioral_Elements.State_Machines.A_signal_occurrence.signal -->
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</Model.Class>

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<!-- _____ -->
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  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi:link='simple' href='Foundation.xml#a327A5C7301CC' /> <!--
      Foundation.Core.ModelElement -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Reference>
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      <Model.Feature.visibility xmi.value='public_vis' />
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          Behavioral_Elements.State_Machines.Guard -->
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        <Model.AssociationEnd xmi.idref='a3369606C0001' /> <!--
          Behavioral_Elements.State_Machines.A_guard_transition.guard -->
      </Model.Reference.referencedEnd>
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    <Model.Reference>
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      <Model.Feature.visibility xmi.value='public_vis' />
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          Behavioral_Elements.Common_Behavior.Action -->
      </Model.TypedElement.type>
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        <Model.AssociationEnd xmi.idref='a3288E53E0226' /> <!--
          Behavioral_Elements.State_Machines.A_transition_effect.effect -->
      </Model.Reference.referencedEnd>
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    Behavioral_Elements.State_Machines.State -->
</Model.TypedElement.type>
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  <Model.AssociationEnd xmi.idref='a328902D3029E' /> <!--
    Behavioral_Elements.State_Machines.A_state_internalTransition.state -->
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    <Model.Class xmi.idref='a3288E51203DE' /> <!--
      Behavioral_Elements.State_Machines.Event -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a3288E53A0172' /> <!--
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      Behavioral_Elements.State_Machines.StateMachine -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a3288D72700C8' /> <!--
      Behavioral_Elements.State_Machines.A_stateMachine_transitions.stateMachine -->
  </Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
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  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level' />
  <Model.Feature.visibility xmi.value='public_vis' />
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      Behavioral_Elements.State_Machines.StateVertex -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a3289028300D2'/> <!--
      Behavioral_Elements.State_Machines.A_outgoing_source.source -->
  </Model.Reference.referencedEnd>
  </Model.Reference>
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    <Model.Feature.visibility xmi.value='public_vis'/>
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    <Model.StructuralFeature.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a328A484303D4'/> <!--
        Behavioral_Elements.State_Machines.StateVertex -->
    </Model.TypedElement.type>
    <Model.Reference.referencedEnd>
      <Model.AssociationEnd xmi.idref='a3289028D035C'/> <!--
        Behavioral_Elements.State_Machines.A_incoming_target.target -->
    </Model.Reference.referencedEnd>
  </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: StateVertex -->
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<!-- _____ -->

<Model.Class xmi.id='a328A484303D4'>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='true'/>
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  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi:link='simple' href='Foundation.xml#a327A5C7301CC'/> <!--
      Foundation.Core.ModelElement -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
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      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
      <Model.StructuralFeature.multiplicity>
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  </Model.Namespace.contents>
</Model.Class>

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</Model.StructuralFeature.multiplicity>
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    Behavioral_Elements.State_Machines.CompositeState -->
</Model.TypedElement.type>
<Model.Reference.referencedEnd>
  <Model.AssociationEnd xmi.idref='a3288D8C70172'/> <!--
    Behavioral_Elements.State_Machines.A_container_subvertex.container -->
</Model.Reference.referencedEnd>
</Model.Reference>
<Model.Reference>
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  <Model.TypedElement.type>
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      Behavioral_Elements.State_Machines.Transition -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a328902830028'/> <!--
      Behavioral_Elements.State_Machines.A_outgoing_source.outgoing -->
  </Model.Reference.referencedEnd>
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  <Model.Feature.visibility xmi.value='public_vis'/>
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  <Model.TypedElement.type>
    <Model.Class xmi.idref='a3288D70A0212'/> <!--
      Behavioral_Elements.State_Machines.Transition -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a3289028D02BC'/> <!--
      Behavioral_Elements.State_Machines.A_incoming_target.incoming -->
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<!-- _____ -->
<!-- Contents of Class: CompositeState -->
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<!-- _____ -->

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<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
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<Model.GeneralizableElement.supertypes>
<Model.Class xmi.idref='a3287F81C0136'/> <!-- Behavioral_Elements.State_Machines.State
-->
</Model.GeneralizableElement.supertypes>
<Model.Namespace.contents>
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  <Model.ModelElement.name>isConcurrent</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Feature.scope xmi.value='instance_level'/>
  <Model.Feature.visibility xmi.value='public_vis'/>
  <Model.StructuralFeature.multiplicity>
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  <Model.Feature.visibility xmi.value='public_vis'/>
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    <Model.Class xmi.idref='a328A484303D4'/> <!--
      Behavioral_Elements.State_Machines.StateVertex -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a3288D8C7021C'/> <!--
      Behavioral_Elements.State_Machines.A_container_subvertex.subvertex -->
  </Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

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<!-- _____ -->
<!-- Contents of Class: ChangeEvent -->
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<!-- _____ -->

<Model.Class xmi.id='a3337A5530096'>
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  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
  <Model.Class xmi.idref='a3288E51203DE'/> <!-- Behavioral_Elements.State_Machines.Event
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</Model.GeneralizableElement.supertypes>
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  <Model.Attribute xmi.id='a33D909C80186'>
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    <Model.Feature.visibility xmi.value='public_vis' />
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    <Model.Attribute.isDerived xmi.value='false' />
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        Foundation.Data_Types.BooleanExpression -->
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</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Guard -->
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<!-- _____ -->

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  <Model.Class.isSingleton xmi.value='false' />
  <Model.GeneralizableElement.supertypes>
    <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC' /> <!--
      Foundation.Core.ModelElement -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
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      <Model.Feature.visibility xmi.value='public_vis' />
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          Foundation.Data_Types.BooleanExpression -->
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      <Model.Feature.visibility xmi.value='public_vis' />
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>

```

```

    <XMI.field>1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>false</XMI.field>
  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a3288D70A0212'/> <!--
      Behavioral_Elements.State_Machines.Transition -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a3369606C0002'/> <!--
      Behavioral_Elements.State_Machines.A_guard_transition.transition -->
  </Model.Reference.referencedEnd>
  </Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: Pseudostate -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a328A47F10064'>
  <Model.ModelElement.name>Pseudostate</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a328A484303D4'/> <!--
      Behavioral_Elements.State_Machines.StateVertex -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a328A480D00AA'>
      <Model.ModelElement.name>kind</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
      <Model.StructuralFeature.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.isChangeable xmi.value='true'/>
      <Model.Attribute.isDerived xmi.value='false'/>
      <Model.TypedElement.type>
        <Model.DataType xml:link='simple' href='Foundation.xml#a33E139AE01C2'/> <!--
          Foundation.Data_Types.PseudostateKind -->
      </Model.TypedElement.type>
    </Model.Attribute>
  </Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: SimpleState -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a33CF97C102DA'>
  <Model.ModelElement.name>SimpleState</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>

```

```

<Model.GeneralizableElement.isLeaf xmi.value='false'/>
<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Class.isSingleton xmi.value='false'/>
<Model.GeneralizableElement.supertypes>
<Model.Class xmi.idref='a3287F81C0136'/> <!-- Behavioral_Elements.State_Machines.State
-->
</Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Contents of Class: SubmachineState -->
<!-- -->
<!-- _____ -->

<Model.Class xmi.id='a3403111A024E'>
<Model.ModelElement.name>SubmachineState</Model.ModelElement.name>
<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.GeneralizableElement.isRoot xmi.value='false'/>
<Model.GeneralizableElement.isLeaf xmi.value='false'/>
<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Class.isSingleton xmi.value='false'/>
<Model.GeneralizableElement.supertypes>
<Model.Class xmi.idref='a3288D88401A4'/> <!--
Behavioral_Elements.State_Machines.CompositeState -->
</Model.GeneralizableElement.supertypes>
<Model.Namespace.contents>
<Model.Reference>
<Model.ModelElement.name>submachine</Model.ModelElement.name>
<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.Feature.scope xmi.value='instance_level'/>
<Model.Feature.visibility xmi.value='public_vis'/>
<Model.StructuralFeature.multiplicity>
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<XMI.field>1</XMI.field>
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<XMI.field>>false</XMI.field>
</Model.StructuralFeature.multiplicity>
<Model.StructuralFeature.isChangeable xmi.value='true'/>
<Model.TypedElement.type>
<Model.Class xmi.idref='a327D9E410186'/> <!--
Behavioral_Elements.State_Machines.StateMachine -->
</Model.TypedElement.type>
<Model.Reference.referencedEnd>
<Model.AssociationEnd xmi.idref='a3403125E03A3'/> <!--
Behavioral_Elements.State_Machines.A_subMachineState_submachine.submachin
e -->
</Model.Reference.referencedEnd>
</Model.Reference>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Contents of Class: SynchState -->
<!-- -->
<!-- _____ -->

<Model.Class xmi.id='a3611CF280262'>
<Model.ModelElement.name>SynchState</Model.ModelElement.name>
<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.GeneralizableElement.isRoot xmi.value='false'/>
<Model.GeneralizableElement.isLeaf xmi.value='false'/>
<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>

```

```

<Model.Class.issingleton xmi.value='false'/>
<Model.GeneralizableElement.supertypes>
  <Model.Class xmi.idref='a328A484303D4'/> <!--
    Behavioral_Elements.State_Machines.StateVertex -->
</Model.GeneralizableElement.supertypes>
<Model.Namespace.contents>
  <Model.Attribute xmi.id='a3611CFB300FA'>
    <Model.ModelElement.name>bound</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Feature.scope xmi.value='instance_level'/>
    <Model.Feature.visibility xmi.value='public_vis'/>
    <Model.StructuralFeature.multiplicity>
      <XMI.field>1</XMI.field>
      <XMI.field>1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>false</XMI.field>
    </Model.StructuralFeature.multiplicity>
    <Model.StructuralFeature.ischangeable xmi.value='true'/>
    <Model.Attribute.isDerived xmi.value='false'/>
    <Model.TypedElement.type>
      <Model.DataType xml:link='simple' href='Foundation.xml#a3635582D03D4'/> <!--
        Foundation.Data_Types.UnlimitedInteger -->
    </Model.TypedElement.type>
  </Model.Attribute>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: StubState -->
<!-- _____ -->
<!-- _____ -->

<Model.Class xmi.id='a361AFBD10172'>
  <Model.ModelElement.name>StubState</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.issingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a328A484303D4'/> <!--
      Behavioral_Elements.State_Machines.StateVertex -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
    <Model.Attribute xmi.id='a361AFBED01B8'>
      <Model.ModelElement.name>referenceState</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.Feature.scope xmi.value='instance_level'/>
      <Model.Feature.visibility xmi.value='public_vis'/>
      <Model.StructuralFeature.multiplicity>
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        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.StructuralFeature.multiplicity>
      <Model.StructuralFeature.ischangeable xmi.value='true'/>
      <Model.Attribute.isDerived xmi.value='false'/>
      <Model.TypedElement.type>
        <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6FCF03C0'/> <!--
          Foundation.Data_Types.Name -->
      </Model.TypedElement.type>
    </Model.Attribute>
  </Model.Namespace.contents>
</Model.Class>

```

```

<!-- _____ -->
<!-- -->
<!-- Contents of Class: FinalState -->
<!-- -->
<!-- _____ -->

<Model.Class xmi.id='a364986DD01F4'>
  <Model.ModelElement.name>FinalState</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Class.isSingleton xmi.value='false'/>
  <Model.GeneralizableElement.supertypes>
    <Model.Class xmi.idref='a3287F81C0136'/> <!-- Behavioral_Elements.State_Machines.State
    -->
  </Model.GeneralizableElement.supertypes>
</Model.Class>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: A_state1_entry -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a33377C0D0208'>
  <Model.ModelElement.name>A_state1_entry</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33377C0F0186'>
      <Model.ModelElement.name>state1</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='composite'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3287F81C0136'/> <!--
        Behavioral_Elements.State_Machines.State -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a33377C0F0187'>
      <Model.ModelElement.name>entry</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a328AAE8E0028'/> <!--
        Behavioral_Elements.Common_Behavior.Action -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

```

```

    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_state2_exit -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a333784B400AA'>
  <Model.ModelElement.name>A_state2_exit</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />
  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
  <Model.Association.isDerived xmi.value='false' />
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a333784BC0050'>
      <Model.ModelElement.name>state2</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='composite' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3287F81C0136' /> <!--
          Behavioral_Elements.State_Machines.State -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a333784BC0051'>
      <Model.ModelElement.name>exit</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true' />
      <Model.AssociationEnd.aggregation xmi.value='none' />
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a328AAE8E0028' /> <!--
          Behavioral_Elements.Common_Behavior.Action -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_event_parameter -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a3337AF9B02A8'>
  <Model.ModelElement.name>A_event_parameter</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />

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<Model.GeneralizableElement.isLeaf xmi.value='false'/>
<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Association.isDerived xmi.value='false'/>
<Model.Namespace.contents>
  <Model.AssociationEnd xmi.id='a3337AF9D028A'>
    <Model.ModelElement.name>event</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='composite'/>
    <Model.AssociationEnd.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>false</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a3288E51203DE'/> <!--
        Behavioral_Elements.State_Machines.Event -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a3337AF9D028B'>
    <Model.ModelElement.name>parameter</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='none'/>
    <Model.AssociationEnd.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>true</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xml:link='simple' href='Foundation.xml#a327BBB9F02B2'/> <!--
        Foundation.Core.Parameter -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_guard_transition -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a3369606C0000'>
  <Model.ModelElement.name>A_guard_transition</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a3369606C0001'>
      <Model.ModelElement.name>guard</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

```

```

</Model.AssociationEnd.multiplicity>
<Model.AssociationEnd.isChangeable xmi.value='true'/>
<Model.TypedElement.type>
  <Model.Class xmi.idref='a33695FE9000A'/> <!--
    Behavioral_Elements.State_Machines.Guard -->
</Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a3369606C0002'>
  <Model.ModelElement.name>transition</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true'/>
  <Model.AssociationEnd.aggregation xmi.value='composite'/>
  <Model.AssociationEnd.multiplicity>
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    <XMI.field>>false</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a3288D70A0212'/> <!--
      Behavioral_Elements.State_Machines.Transition -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_signal_occurrence -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a336A39BE0136'>
  <Model.ModelElement.name>A_signal_occurrence</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a336A39BE038E'>
      <Model.ModelElement.name>signal</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3389030B00E6'/> <!--
          Behavioral_Elements.Common_Behavior.Signal -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a336A39BE038F'>
      <Model.ModelElement.name>occurrence</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>-1</XMI.field>
      </Model.AssociationEnd.multiplicity>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

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    <XMI.field>false</XMI.field>
    <XMI.field>true</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a32D270CC01FE'/> <!--
      Behavioral_Elements.State_Machines.SignalEvent -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: A_behavior_context -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a33CF8BD300A0'>
  <Model.ModelElement.name>A_behavior_context</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33CF8BD500F0'>
      <Model.ModelElement.name>behavior</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>false</XMI.field>
        <XMI.field>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327D9E410186'/> <!--
          Behavioral_Elements.State_Machines.StateMachine -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a33CF8BD500F1'>
      <Model.ModelElement.name>context</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='composite'/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>1</XMI.field>
        <XMI.field>false</XMI.field>
        <XMI.field>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC'/> <!--
          Foundation.Core.ModelElement -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: A_top_stateMachine -->

```

```

<!--                                     -->
<!--                                     -->

<Model.Association xmi.id='a33EBFA1C0078'>
  <Model.ModelElement.name>A_top_stateMachine</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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      <Model.AssociationEnd.aggregation xmi.value='none'>/>
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      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3287F81C0136'>/> <!--
          Behavioral_Elements.State_Machines.State -->
      </Model.TypedElement.type>
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    <Model.AssociationEnd xmi.id='a33EBFA1C007A'>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
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      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327D9E410186'>/> <!--
          Behavioral_Elements.State_Machines.StateMachine -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!--                                     -->
<!--                                     -->
<!-- Contents of Association: A_state_deferrableEvent -->
<!--                                     -->
<!--                                     -->

<Model.Association xmi.id='a33FA3ABF0122'>
  <Model.ModelElement.name>A_state_deferrableEvent</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33FA3AC103D4'>
      <Model.ModelElement.name>state</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>

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<Model.AssociationEnd.isNavigable xmi.value='true'/>
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  <Model.Class xmi.idref='a3287F81C0136'/> <!--
    Behavioral_Elements.State_Machines.State -->
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  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
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      Behavioral_Elements.State_Machines.Event -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_occurrence_operation -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a32B598420168'>
  <Model.ModelElement.name>A_occurrence_operation</Model.ModelElement.name>
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  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
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      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a32D270DC0262'/> <!--
          Behavioral_Elements.State_Machines.CallEvent -->
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  <Model.Class xmi:link='simple' href='Foundation.xml#a327BB68C0398'/> <!--
    Foundation.Core.Operation -->
</Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_container_subvertex -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a3288D8C4023A'>
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    <Model.TypedElement.type>
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        Behavioral_Elements.State_Machines.CompositeState -->
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  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a3288D8C7021C'>
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    <Model.TypedElement.type>
      <Model.Class xmi:idref='a328A484303D4'/> <!--
        Behavioral_Elements.State_Machines.StateVertex -->
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  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

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    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: A_transition_effect -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a3288E53D029E'>
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      <Model.TypedElement.type>
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          Behavioral_Elements.State_Machines.Transition -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a3288E53E0226'>
      <Model.ModelElement.name>effect</Model.ModelElement.name>
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          Behavioral_Elements.Common_Behavior.Action -->
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    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: A_state_internalTransition -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a328902D000D2'>
  <Model.ModelElement.name>A_state_internalTransition</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
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<Model.GeneralizableElement.isAbstract xmi.value='false'/>
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    <Model.AssociationEnd.aggregation xmi.value='composite'/>
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    <Model.TypedElement.type>
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        Behavioral_Elements.State_Machines.State -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a328902D40000'>
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    <Model.TypedElement.type>
      <Model.Class xmi.idref='a3288D70A0212'/> <!--
        Behavioral_Elements.State_Machines.Transition -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_transition_trigger -->
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<!-- _____ -->

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  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
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  </Model.Namespace.contents>
</Model.Association>

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    <Model.AssociationEnd.isChangeable xmi.value='true'/>
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        Behavioral_Elements.State_Machines.Transition -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
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    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a3288E51203DE'/> <!--
        Behavioral_Elements.State_Machines.Event -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_stateMachine_transitions -->
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<!-- _____ -->

<Model.Association xmi.id='a3288D725037A'>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
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  <Model.Namespace.contents>
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      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a327D9E410186'/> <!--
          Behavioral_Elements.State_Machines.StateMachine -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a3288D72700C9'>
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      <Model.AssociationEnd.multiplicity>
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  <Model.AssociationEnd.isChangeable xmi.value='true' />
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      Behavioral_Elements.State_Machines.Transition -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_outgoing_source -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a32890282014A'>
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  <Model.GeneralizableElement.isLeaf xmi.value='false' />
  <Model.GeneralizableElement.isAbstract xmi.value='false' />
  <Model.GeneralizableElement.visibility xmi.value='public_vis' />
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      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3288D70A0212' /> <!--
          Behavioral_Elements.State_Machines.Transition -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a3289028300D2'>
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      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true' />
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a328A484303D4' /> <!--
          Behavioral_Elements.State_Machines.StateVertex -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_incoming_target -->
<!-- _____ -->
<!-- _____ -->

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<!-- _____ -->

<Model.Association xmi.id='a3289028C03D4'>
  <Model.ModelElement.name>A_incoming_target</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
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  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
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      <Model.AssociationEnd.aggregation xmi.value='none'/>
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      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a3288D70A0212'/> <!--
          Behavioral_Elements.State_Machines.Transition -->
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    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a3289028D035C'>
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      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
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          Behavioral_Elements.State_Machines.StateVertex -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_subMachineState_submachine -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a3403125E0140'>
  <Model.ModelElement.name>A_subMachineState_submachine</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a3403125E03A2'>
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      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

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<Model.AssociationEnd.aggregation xmi.value='none'/>
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<!-- Contents of Association: A_state3_doActivity -->
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          Behavioral_Elements.State_Machines.State -->
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    <Model.AssociationEnd xmi.id='a364987D30072'>
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        Behavioral_Elements.Common_Behavior.Action -->
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<!-- _____ -->
<!-- Contents of Package: Collaborations -->
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        <Model.Class xml:link='simple' href='Foundation.xml#a32B69F3A0118'/> <!--
          Foundation.Core.Namespace -->
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  <Model.AssociationEnd xmi.idref='a3388DE790123'/> <!--
    Behavioral_Elements.Collaborations.A_context_interaction.interaction -->
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      representedClassifier -->
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      epresentedOperation -->
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<!-- _____ -->
<!-- Contents of Class: ClassifierRole -->
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<!-- _____ -->

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                    Foundation.Core.Classifier -->
            </Model.TypedElement.type>
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        Behavioral_Elements.Collaborations.A_classifierRole_base.base -->
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            tableFeature -->
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            Behavioral_Elements.Collaborations.Message -->
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    <Model.Reference.referencedEnd>
        <Model.AssociationEnd xmi.idref='a33DBBB2B03DE' /> <!--
            Behavioral_Elements.Collaborations.A_message2_sender.message2 -->
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    <Model.AssociationEnd xmi.idref='a36008FB700E7' /> <!--
      Behavioral_Elements.Collaborations.A_classifierRole_availableContents.ava
      ilableContents -->
  </Model.Reference.referencedEnd>
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<!-- _____ -->
<!-- Contents of Class: AssociationRole -->
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    <Model.AssociationEnd xmi:idref='a35FEAB5F01C2'/> <!--
      Behavioral_Elements.Collaborations.A_message_communicationConnection.mess
      age -->
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<!-- _____ -->
<!-- _____ -->
<!-- Contents of Class: AssociationEndRole -->
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<!-- _____ -->

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      Foundation.Core.AssociationEnd -->
  </Model.GeneralizableElement.supertypes>
  <Model.Namespace.contents>
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      Foundation.Core.AssociationEnd -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a33CD50F90302'/> <!--
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  </Model.Reference.referencedEnd>
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  <Model.StructuralFeature.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xml:link='simple' href='Foundation.xml#a327BA5E802E4'/> <!--
      Foundation.Core.Attribute -->
  </Model.TypedElement.type>
  <Model.Reference.referencedEnd>
    <Model.AssociationEnd xmi.idref='a3650E6BE0096'/> <!--
      Behavioral_Elements.Collaborations.A_associationEndRole_availableQualifie
        r.availableQualifier -->
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</Model.Namespace.contents>
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<!-- _____ -->
<!-- Contents of Class: Message -->
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<!-- _____ -->

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    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_classifierRole_availableFeature -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a33CD57D201B8'>
  <Model.ModelElement.name>A_classifierRole_availableFeature</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />

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<Model.GeneralizableElement.isLeaf xmi.value='false'/>
<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Association.isDerived xmi.value='false'/>
<Model.Namespace.contents>
  <Model.AssociationEnd xmi.id='a33CD57D3021C'>
    <Model.ModelElement.name>ClassifierRole</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='composite'/>
    <Model.AssociationEnd.multiplicity>
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      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a337A47370316'/> <!--
        Behavioral_Elements.Collaborations.ClassifierRole -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a33CD57D40212'>
    <Model.ModelElement.name>availableFeature</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='none'/>
    <Model.AssociationEnd.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xml:link='simple' href='Foundation.xml#a32989F9700FE'/> <!--
        Foundation.Core.Feature -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_message4_activator -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a33D142DC0262'>
  <Model.ModelElement.name>A_message4_activator</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33D142E00190'>
      <Model.ModelElement.name>message4</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
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        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
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    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

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</Model.AssociationEnd.multiplicity>
<Model.AssociationEnd.isChangeable xmi.value='true'/>
<Model.TypedElement.type>
  <Model.Class xmi.idref='a33DBAE5E005A'/> <!--
    Behavioral_Elements.Collaborations.Message -->
</Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a33D142E00191'>
  <Model.ModelElement.name>activator</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true'/>
  <Model.AssociationEnd.aggregation xmi.value='none'/>
  <Model.AssociationEnd.multiplicity>
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    <XMI.field>1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>false</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a33DBAE5E005A'/> <!--
      Behavioral_Elements.Collaborations.Message -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_collaboration_representedClassifier -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a33D1470D01A4'>
  <Model.ModelElement.name>A_collaboration_representedClassifier</
    Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33D1470E01CC'>
      <Model.ModelElement.name>collaboration</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a337A47290078'/> <!--
          Behavioral_Elements.Collaborations.Collaboration -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a33D1470E01CD'>
      <Model.ModelElement.name>representedClassifier</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
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    <XMI.field>1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>false</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi:link='simple' href='Foundation.xml#a32989FB2023D'/> <!--
      Foundation.Core.Classifier -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_message2_sender -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a33DBBB2B0000'>
  <Model.ModelElement.name>A_message2_sender</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33DBBB2B03DE'>
      <Model.ModelElement.name>message2</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi:idref='a33DBAE5E005A'/> <!--
          Behavioral_Elements.Collaborations.Message -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a33DBBB2B03DF'>
      <Model.ModelElement.name>sender</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi:idref='a337A47370316'/> <!--
          Behavioral_Elements.Collaborations.ClassifierRole -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

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<!-- Contents of Association: A_receiver_message1 -->
<!-- -->
<!-- ----- -->

<Model.Association xmi.id='a33DBBB45035C'>
  <Model.ModelElement.name>A_receiver_message1</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33DBBB4603C0'>
      <Model.ModelElement.name>receiver</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='none'>/>
      <Model.AssociationEnd.multiplicity>
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        <XMI.field>1</XMI.field>
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        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a337A47370316'>/> <!--
          Behavioral_Elements.Collaborations.ClassifierRole -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a33DBBB4B02A8'>
      <Model.ModelElement.name>message1</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='none'>/>
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        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a33DBAE5E005A'>/> <!--
          Behavioral_Elements.Collaborations.Message -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- ----- -->
<!-- -->
<!-- Contents of Association: A_predecessor_message3 -->
<!-- -->
<!-- ----- -->

<Model.Association xmi.id='a33FA39D50050'>
  <Model.ModelElement.name>A_predecessor_message3</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33FA39D50051'>
      <Model.ModelElement.name>predecessor</Model.ModelElement.name>

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<Model.ModelElement.annotation> </Model.ModelElement.annotation>
<Model.AssociationEnd.isNavigable xmi.value='true'/>
<Model.AssociationEnd.aggregation xmi.value='none'/>
<Model.AssociationEnd.multiplicity>
  <XMI.field>0</XMI.field>
  <XMI.field>-1</XMI.field>
  <XMI.field>>false</XMI.field>
  <XMI.field>>true</XMI.field>
</Model.AssociationEnd.multiplicity>
<Model.AssociationEnd.isChangeable xmi.value='true'/>
<Model.TypedElement.type>
  <Model.Class xmi.idref='a33DBAE5E005A'/> <!--
    Behavioral_Elements.Collaborations.Message -->
</Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a33FA39D50052'>
  <Model.ModelElement.name>message3</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true'/>
  <Model.AssociationEnd.aggregation xmi.value='none'/>
  <Model.AssociationEnd.multiplicity>
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    <XMI.field>>true</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a33DBAE5E005A'/> <!--
      Behavioral_Elements.Collaborations.Message -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_message_communicationConnection -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a35FEAB5D038E'>
  <Model.ModelElement.name>A_message_communicationConnection</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a35FEAB5F01C2'>
      <Model.ModelElement.name>message</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a33DBAE5E005A'/> <!--
          Behavioral_Elements.Collaborations.Message -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

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```

<Model.AssociationEnd xmi.id='a35FEAB5F01C3'>
  <Model.ModelElement.name>communicationConnection</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true'/>
  <Model.AssociationEnd.aggregation xmi.value='none'/>
  <Model.AssociationEnd.multiplicity>
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    <XMI.field>>false</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a337A480F01E0'/> <!--
      Behavioral_Elements.Collaborations.AssociationRole -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: A_classifierRole_availableContents -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a36008FB50168'>
  <Model.ModelElement.name>A_classifierRole_availableContents</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a36008FB700E6'>
      <Model.ModelElement.name>ClassifierRole</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='composite'/>
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        <XMI.field>-1</XMI.field>
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        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a337A47370316'/> <!--
          Behavioral_Elements.Collaborations.ClassifierRole -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a36008FB700E7'>
      <Model.ModelElement.name>availableContents</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
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      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xml:link='simple' href='Foundation.xml#a327A5C7301CC'/> <!--
          Foundation.Core.ModelElement -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

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    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_action_message -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a36265CF80136'>
  <Model.ModelElement.name>A_action_message</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a36265CF90050'>
      <Model.ModelElement.name>action</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='none'>/>
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      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a328AAE8E0028'>/> <!--
          Behavioral_Elements.Common_Behavior.Action -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a36265CF90051'>
      <Model.ModelElement.name>message</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='none'>/>
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      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a33DBAE5E005A'>/> <!--
          Behavioral_Elements.Collaborations.Message -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_associationEndRole_availableQualifier-->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a3650E6BD010E'>
  <Model.ModelElement.name>A_associationEndRole_availableQualifier</
    Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>

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<Model.GeneralizableElement.isRoot xmi.value='false'/>
<Model.GeneralizableElement.isLeaf xmi.value='false'/>
<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Association.isDerived xmi.value='false'/>
<Model.Namespace.contents>
  <Model.AssociationEnd xmi.id='a3650E6BE005A'>
    <Model.ModelElement.name>associationEndRole</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='composite'/>
    <Model.AssociationEnd.multiplicity>
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      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi.idref='a3384B14F035C'/> <!--
        Behavioral_Elements.Collaborations.AssociationEndRole -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a3650E6BE0096'>
    <Model.ModelElement.name>availableQualifier</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='none'/>
    <Model.AssociationEnd.multiplicity>
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      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xml:link='simple' href='Foundation.xml#a327BA5E802E4'/> <!--
        Foundation.Core.Attribute -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_representedOperation_collaboration -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a371E841E006D'>
  <Model.ModelElement.name>A_representedOperation_collaboration</
    Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
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<!-- Contents of Class: ObjectFlowState -->
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  </Model.StructuralFeature.multiplicity>
  <Model.StructuralFeature.isChangeable xmi.value='true' />
  <Model.Attribute.isDerived xmi.value='false' />
  <Model.TypedElement.type>
    <Model.DataType xml:link='simple' href='Foundation.xml#a33DD6FC5001E' /> <!--
      Foundation.Data_Types.Multiplicity -->
  </Model.TypedElement.type>
</Model.Attribute>
</Model.Namespace.contents>
</Model.Class>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_parameter_state -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a36462DDE0028'>
  <Model.ModelElement.name>A_parameter_state</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false' />

```

```

<Model.GeneralizableElement.isLeaf xmi.value='false'/>
<Model.GeneralizableElement.isAbstract xmi.value='false'/>
<Model.GeneralizableElement.visibility xmi.value='public_vis'/>
<Model.Association.isDerived xmi.value='false'/>
<Model.Namespace.contents>
  <Model.AssociationEnd xmi.id='a36462DDF008C'>
    <Model.ModelElement.name>parameter</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='none'/>
    <Model.AssociationEnd.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi:link='simple' href='Foundation.xml#a327BBB9F02B2'/> <!--
        Foundation.Core.Parameter -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
  <Model.AssociationEnd xmi.id='a36462DDF008D'>
    <Model.ModelElement.name>state</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.AssociationEnd.isNavigable xmi.value='true'/>
    <Model.AssociationEnd.aggregation xmi.value='none'/>
    <Model.AssociationEnd.multiplicity>
      <XMI.field>0</XMI.field>
      <XMI.field>-1</XMI.field>
      <XMI.field>>false</XMI.field>
      <XMI.field>>true</XMI.field>
    </Model.AssociationEnd.multiplicity>
    <Model.AssociationEnd.isChangeable xmi.value='true'/>
    <Model.TypedElement.type>
      <Model.Class xmi:idref='a337D8F5A01EA'/> <!--
        Behavioral_Elements.Activity_Graphs.ObjectFlowState -->
    </Model.TypedElement.type>
  </Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_type_classifierInState -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a33CF9F1500D2'>
  <Model.ModelElement.name>A_type_classifierInState</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33CF9F1602BC'>
      <Model.ModelElement.name>type</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

```

```

</Model.AssociationEnd.multiplicity>
<Model.AssociationEnd.isChangeable xmi.value='true'/>
<Model.TypedElement.type>
  <Model.Class xml:link='simple' href='Foundation.xml|a32989FB2023D'/> <!--
    Foundation.Core.Classifier -->
</Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a33CF9F16035C'>
  <Model.ModelElement.name>ClassifierInState</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true'/>
  <Model.AssociationEnd.aggregation xmi.value='none'/>
  <Model.AssociationEnd.multiplicity>
    <XMI.field>0</XMI.field>
    <XMI.field>-1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>true</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a33CF9AB00262'/> <!--
      Behavioral_Elements.Activity_Graphs.ClassifierInState -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- _____ -->
<!-- Contents of Association: A_contents_partition -->
<!-- _____ -->
<!-- _____ -->

<Model.Association xmi.id='a33CF9A0103B6'>
  <Model.ModelElement.name>A_contents_partition</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33CF9A030140'>
      <Model.ModelElement.name>contents</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xml:link='simple' href='Foundation.xml|a327A5C7301CC'/> <!--
          Foundation.Core.ModelElement -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a33CF9A030258'>
      <Model.ModelElement.name>partition</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>

```

```

    <XMI.field>false</XMI.field>
    <XMI.field>true</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a337DA4DE0212'/> <!--
      Behavioral_Elements.Activity_Graphs.Partition -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: A_activityGraph_partition -->
<!-- -->
<!-- _____ -->

<Model.Association xmi.id='a337DA5600258'>
  <Model.ModelElement.name>A_activityGraph_partition</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'/>
  <Model.Association.isDerived xmi.value='false'/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a337DA56101D6'>
      <Model.ModelElement.name>activityGraph</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='composite'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>false</XMI.field>
        <XMI.field>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a337D8EF301C2'/> <!--
          Behavioral_Elements.Activity_Graphs.ActivityGraph -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a337DA56101D7'>
      <Model.ModelElement.name>partition</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'/>
      <Model.AssociationEnd.aggregation xmi.value='none'/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>false</XMI.field>
        <XMI.field>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a337DA4DE0212'/> <!--
          Behavioral_Elements.Activity_Graphs.Partition -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!-- _____ -->
<!-- -->
<!-- Contents of Association: A_type_objectFlowState -->

```

```

<!--                                     -->
<!--                                     -->

<Model.Association xmi.id='a33CF9EFB0122'>
  <Model.ModelElement.name>A_type_objectFlowState</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33CF9EFC006E'>
      <Model.ModelElement.name>type</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='none'>/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>1</XMI.field>
        <XMI.field>1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>false</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xml:link='simple' href='Foundation.xml#a32989FB2023D'>/> <!--
          Foundation.Core.Classifier -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
    <Model.AssociationEnd xmi.id='a33CF9EFC006F'>
      <Model.ModelElement.name>objectFlowState</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>
      <Model.AssociationEnd.isNavigable xmi.value='true'>/>
      <Model.AssociationEnd.aggregation xmi.value='none'>/>
      <Model.AssociationEnd.multiplicity>
        <XMI.field>0</XMI.field>
        <XMI.field>-1</XMI.field>
        <XMI.field>>false</XMI.field>
        <XMI.field>>true</XMI.field>
      </Model.AssociationEnd.multiplicity>
      <Model.AssociationEnd.isChangeable xmi.value='true'>/>
      <Model.TypedElement.type>
        <Model.Class xmi.idref='a337D8F5A01EA'>/> <!--
          Behavioral_Elements.Activity_Graphs.ObjectFlowState -->
      </Model.TypedElement.type>
    </Model.AssociationEnd>
  </Model.Namespace.contents>
</Model.Association>

<!--                                     -->
<!--                                     -->
<!-- Contents of Association: A_classifierInState_inState -->
<!--                                     -->
<!--                                     -->

<Model.Association xmi.id='a33CF9ADF001E'>
  <Model.ModelElement.name>A_classifierInState_inState</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.GeneralizableElement.isRoot xmi.value='false'>/>
  <Model.GeneralizableElement.isLeaf xmi.value='false'>/>
  <Model.GeneralizableElement.isAbstract xmi.value='false'>/>
  <Model.GeneralizableElement.visibility xmi.value='public_vis'>/>
  <Model.Association.isDerived xmi.value='false'>/>
  <Model.Namespace.contents>
    <Model.AssociationEnd xmi.id='a33CF9AE0026C'>
      <Model.ModelElement.name>classifierInState</Model.ModelElement.name>
      <Model.ModelElement.annotation> </Model.ModelElement.annotation>

```

```

<Model.AssociationEnd.isNavigable xmi.value='true'/>
<Model.AssociationEnd.aggregation xmi.value='none'/>
<Model.AssociationEnd.multiplicity>
  <XMI.field>0</XMI.field>
  <XMI.field>-1</XMI.field>
  <XMI.field>>false</XMI.field>
  <XMI.field>>true</XMI.field>
</Model.AssociationEnd.multiplicity>
<Model.AssociationEnd.isChangeable xmi.value='true'/>
<Model.TypedElement.type>
  <Model.Class xmi.idref='a33CF9AB00262'/> <!--
    Behavioral_Elements.Activity_Graphs.ClassifierInState -->
</Model.TypedElement.type>
</Model.AssociationEnd>
<Model.AssociationEnd xmi.id='a33CF9AE0026D'>
  <Model.ModelElement.name>inState</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.AssociationEnd.isNavigable xmi.value='true'/>
  <Model.AssociationEnd.aggregation xmi.value='none'/>
  <Model.AssociationEnd.multiplicity>
    <XMI.field>1</XMI.field>
    <XMI.field>-1</XMI.field>
    <XMI.field>>false</XMI.field>
    <XMI.field>>true</XMI.field>
  </Model.AssociationEnd.multiplicity>
  <Model.AssociationEnd.isChangeable xmi.value='true'/>
  <Model.TypedElement.type>
    <Model.Class xmi.idref='a3287F81C0136'/> <!--
      Behavioral_Elements.State_Machines.State -->
  </Model.TypedElement.type>
</Model.AssociationEnd>
</Model.Namespace.contents>
</Model.Association>
</Model.Namespace.contents>
</Model.Package>

<!-- _____ -->
<!-- _____ -->
<!-- Import to: Foundation _____ -->
<!-- _____ -->
<!-- _____ -->

<Model.Import>
  <Model.ModelElement.name>Foundation</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Import.visibility xmi.value='public_vis'/>
  <Model.Import.isClustered xmi.value='false'/>
  <Model.Import.importedNamespace>
    <Model.Package xml:link='simple' href='Foundation.xml|a327A5A6D02DA'/>
  </Model.Import.importedNamespace>
</Model.Import>

<!-- _____ -->
<!-- _____ -->
<!-- Tags _____ -->
<!-- _____ -->
<!-- _____ -->

<Model.Tag>
  <Model.ModelElement.name>IDL Name for Object</Model.ModelElement.name>
  <Model.ModelElement.annotation> </Model.ModelElement.annotation>
  <Model.Tag.tagId>org.omg.mof.idl_substitute_name</Model.Tag.tagId>
  <Model.Tag.values>
    <XMI.any xmi.type='string' xmi.name=''>UmlObject</XMI.any>
  </Model.Tag.values>
  <Model.Tag.elements>
    <Model.Class xmi.idref='a33BC99D60302'/> <!--

```

```

        Behavioral_Elements.Common_Behavior.Object -->
    </Model.Tag.elements>
</Model.Tag>
<Model.Tag>
    <Model.ModelElement.name>IDL Name for Exception</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Tag.tagId>org.omg.mof.idl_substitute_name</Model.Tag.tagId>
    <Model.Tag.values>
        <XMI.any xmi.type='string' xmi.name=''>UmlException</XMI.any>
    </Model.Tag.values>
    <Model.Tag.elements>
        <Model.Class xmi.idref='a33FFD974028A' /> <!--
            Behavioral_Elements.Common_Behavior.Exception -->
    </Model.Tag.elements>
</Model.Tag>
<Model.Tag>
    <Model.ModelElement.name>IDL Prefix</Model.ModelElement.name>
    <Model.ModelElement.annotation> </Model.ModelElement.annotation>
    <Model.Tag.tagId>org.omg.mof.idl_prefix</Model.Tag.tagId>
    <Model.Tag.values>
        <XMI.any xmi.type='string' xmi.name=''>org.omg.uml</XMI.any>
    </Model.Tag.values>
    <Model.Tag.elements>
        <Model.Package xmi.idref='a327A5A8003B6' /> <!-- Behavioral_Elements -->
    </Model.Tag.elements>
</Model.Tag>
</Model.Namespace.contents>
</Model.Package>
</XMI.content>
</XMI>

```

---

This chapter contains CORBA IDL modules for each of the CWM packages. The IDL modules are generated from the CWM packages defined in chapter 1 based on the IDL generation rules of the MOF 1.3 Specification.

The CWM IDL modules use (by `#include`) IDL modules for UML packages Foundation, Model\_Management and Behavioral\_Elements which are defined in the UML 1.3 Specification.

The IDL modules also use (by `#include`) Reflective.idl, which is defined in the MOF 1.3 Specification.

## 2.1 CWM.idl

```

#ifndef CWM_IDL
#define CWM_IDL
#pragma prefix "org.omg.cwm"
#include "Reflective.idl"
#include "MDDB.idl"
#include "ModelManagement.idl"
#include "WarehouseDeployment.idl"
#include "XML.idl"
#include "Foundation.idl"
#include "WarehouseOperation.idl"
#include "Transformation.idl"
#include "CWMFoundation.idl"
#include "BehavioralElements.idl"
#include "Olap.idl"
#include "Relational.idl"
#include "RecordOriented.idl"
#include "WarehouseProcess.idl"

module CWM
{
    interface CWMPackage;

    interface CWMPackage : Reflective::RefPackage
    {
        readonly attribute Foundation::FoundationPackage foundation_ref;
        readonly attribute ModelManagement::ModelManagementPackage
model_management_ref;
        readonly attribute BehavioralElements::BehavioralElementsPackage
behavioral_elements_ref;
        readonly attribute CWMFoundation::CWMFoundationPackage
cwmfoundation_ref;
        readonly attribute RecordOriented::RecordOrientedPackage
record_oriented_ref;
        readonly attribute Relational::RelationalPackage relational_ref;
        readonly attribute MDDB::MDDBPackage mddb_ref;
        readonly attribute Olap::OlapPackage olap_ref;
        readonly attribute XML::XMLPackage xml_ref;
        readonly attribute Transformation::TransformationPackage transformation_ref;
        readonly attribute WarehouseDeployment::WarehouseDeploymentPackage
warehouse_deployment_ref;
        readonly attribute WarehouseOperation::WarehouseOperationPackage
warehouse_operation_ref;
        readonly attribute WarehouseProcess::WarehouseProcessPackage
warehouse_process_ref;
    };
};

#endif

```



## 2.2 *CWMFoundation.idl*

```
#ifndef CWMFOUNDATION_IDL
#define CWMFOUNDATION_IDL
#pragma prefix "org.omg.cwm"
#include "Reflective.idl"
#include "Foundation.idl"

module CWMFoundation
{
    typedef sequence<Foundation::Core::StructuralFeature> StructuralFeatureUList;
    typedef sequence<Foundation::Core::ModelElement> ModelElementSet;
    interface UnionTypeClass;
    interface UnionType;
    typedef sequence<UnionType> UnionTypeSet;
    interface UnionMemberClass;
    interface UnionMember;
    typedef sequence<UnionMember> UnionMemberSet;
    interface TypeAliasClass;
    interface TypeAlias;
    typedef sequence<TypeAlias> TypeAliasSet;
    interface ResponsiblePartyClass;
    interface ResponsibleParty;
    typedef sequence<ResponsibleParty> ResponsiblePartySet;
    interface TelephoneClass;
    interface Telephone;
    typedef sequence<Telephone> TelephoneSet;
    typedef sequence<Telephone> TelephoneUList;
    interface EMailIDClass;
    interface EMailID;
    typedef sequence<EMailID> EMailIDSet;
    typedef sequence<EMailID> EMailIDUList;
    interface LocationClass;
    interface Location;
    typedef sequence<Location> LocationSet;
    interface ContactInfoClass;
    interface ContactInfo;
    typedef sequence<ContactInfo> ContactInfoSet;
    typedef sequence<ContactInfo> ContactInfoUList;
    interface EnumerationLiteralClass;
    interface EnumerationLiteral;
    typedef sequence<EnumerationLiteral> EnumerationLiteralSet;
    typedef sequence<EnumerationLiteral> EnumerationLiteralUList;
    interface DescriptionClass;
    interface Description;
    typedef sequence<Description> DescriptionSet;
    interface DataTypeMappingClass;
    interface DataTypeMapping;
    typedef sequence<DataTypeMapping> DataTypeMappingSet;
    interface UniqueKeyClass;
```

```

interface UniqueKey;
typedef sequence<UniqueKey> UniqueKeySet;
interface IndexClass;
interface Index;
typedef sequence<Index> IndexSet;
interface KeyRelationshipClass;
interface KeyRelationship;
typedef sequence<KeyRelationship> KeyRelationshipSet;
interface EnumerationClass;
interface Enumeration;
typedef sequence<Enumeration> EnumerationSet;
interface IndexedFeatureClass;
interface IndexedFeature;
typedef sequence<IndexedFeature> IndexedFeatureSet;
typedef sequence<IndexedFeature> IndexedFeatureUList;
interface ExpressionNodeClass;
interface ExpressionNode;
typedef sequence<ExpressionNode> ExpressionNodeSet;
typedef sequence<ExpressionNode> ExpressionNodeUList;
interface ConstantNodeClass;
interface ConstantNode;
typedef sequence<ConstantNode> ConstantNodeSet;
interface ElementNodeClass;
interface ElementNode;
typedef sequence<ElementNode> ElementNodeSet;
interface FeatureNodeClass;
interface FeatureNode;
typedef sequence<FeatureNode> FeatureNodeSet;
interface DocumentClass;
interface Document;
typedef sequence<Document> DocumentSet;
interface CWMFoundationPackage;
typedef Foundation::DataTypes::ProcedureExpression QueryExpression;

interface UnionTypeClass : Foundation::Core::DataTypeClass
{
    readonly attribute UnionTypeSet all_of_type_union_type;
    readonly attribute UnionTypeSet all_of_class_union_type;
    UnionType create_union_type (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract)
        raises (Reflective::MofError);
};

interface UnionType : UnionTypeClass, Foundation::Core::DataType
{
    Foundation::Core::StructuralFeature discriminator ()

```

```

        raises (Reflective::NotSet, Reflective::MofError);
void set_discriminator (in Foundation::Core::StructuralFeature new_value)
    raises (Reflective::MofError);
void unset_discriminator ()
    raises (Reflective::MofError);
}; // end of interface UnionType

interface UnionMemberClass : Foundation::Core::UmlAttributeClass
{
    readonly attribute UnionMemberSet all_of_type_union_member;
    readonly attribute UnionMemberSet all_of_class_union_member;
    UnionMember create_union_member (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in Foundation::DataTypes::ScopeKind owner_scope,
        in Foundation::DataTypes::Multiplicity multiplicity,
        in Foundation::DataTypes::ChangeableKind changeability,
        in Foundation::DataTypes::ScopeKind target_scope,
        in Foundation::DataTypes::Expression initial_value,
        in Foundation::DataTypes::Expression member_case,
        in boolean is_default)
        raises (Reflective::MofError);
};

interface UnionMember : UnionMemberClass, Foundation::Core::UmlAttribute
{
    Foundation::DataTypes::Expression member_case ()
        raises (Reflective::MofError);
    void set_member_case (in Foundation::DataTypes::Expression new_value)
        raises (Reflective::MofError);
    boolean is_default ()
        raises (Reflective::MofError);
    void set_is_default (in boolean new_value)
        raises (Reflective::MofError);
}; // end of interface UnionMember

interface TypeAliasClass : Foundation::Core::DataTypeClass
{
    readonly attribute TypeAliasSet all_of_type_type_alias;
    readonly attribute TypeAliasSet all_of_class_type_alias;
    TypeAlias create_type_alias (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract)
        raises (Reflective::MofError);
};

```

```

interface TypeAlias : TypeAliasClass, Foundation::Core::DataType
{
    Foundation::Core::Classifier type ()
        raises (Reflective::MofError);
    void set_type (in Foundation::Core::Classifier new_value)
        raises (Reflective::MofError);
}; // end of interface TypeAlias

interface ResponsiblePartyClass : Foundation::Core::ModelElementClass
{
    readonly attribute ResponsiblePartySet all_of_type_responsible_party;
    readonly attribute ResponsiblePartySet all_of_class_responsible_party;
    ResponsibleParty create_responsible_party (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in string responsibility)
        raises (Reflective::MofError);
};

interface ResponsibleParty : ResponsiblePartyClass,
Foundation::Core::ModelElement
{
    string responsibility ()
        raises (Reflective::MofError);
    void set_responsibility (in string new_value)
        raises (Reflective::MofError);
    ModelElementSet element ()
        raises (Reflective::MofError);
    void set_element (in ModelElementSet new_value)
        raises (Reflective::MofError);
    void unset_element ()
        raises (Reflective::MofError);
    void add_element (in Foundation::Core::ModelElement new_element)
        raises (Reflective::MofError);
    void modify_element (
        in Foundation::Core::ModelElement old_element,
        in Foundation::Core::ModelElement new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_element (in Foundation::Core::ModelElement old_element)
        raises (Reflective::NotFound, Reflective::MofError);
    ContactInfoUList contact ()
        raises (Reflective::MofError);
    void set_contact (in ContactInfoUList new_value)
        raises (Reflective::MofError);
    void unset_contact ()
        raises (Reflective::MofError);
    void add_contact (in ContactInfo new_element)
        raises (Reflective::MofError);
    void add_contact_before (
        in ContactInfo new_element,

```

```

        in ContactInfo before_element)
        raises (Reflective::NotFound, Reflective::MofError);
void modify_contact (
    in ContactInfo old_element,
    in ContactInfo new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_contact (in ContactInfo old_element)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ResponsibleParty

interface TelephoneClass : Foundation::Core::ModelElementClass
{
    readonly attribute TelephoneSet all_of_type_telephone;
    readonly attribute TelephoneSet all_of_class_telephone;
    Telephone create_telephone (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in string phone_number,
        in string phone_type)
        raises (Reflective::MofError);
};

interface Telephone : TelephoneClass, Foundation::Core::ModelElement
{
    string phone_number ()
        raises (Reflective::MofError);
    void set_phone_number (in string new_value)
        raises (Reflective::MofError);
    string phone_type ()
        raises (Reflective::MofError);
    void set_phone_type (in string new_value)
        raises (Reflective::MofError);
    ContactInfoSet contact ()
        raises (Reflective::MofError);
    void set_contact (in ContactInfoSet new_value)
        raises (Reflective::MofError);
    void unset_contact ()
        raises (Reflective::MofError);
    void add_contact (in ContactInfo new_element)
        raises (Reflective::MofError);
    void modify_contact (
        in ContactInfo old_element,
        in ContactInfo new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_contact (in ContactInfo old_element)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface Telephone

interface EMailIDClass : Foundation::Core::ModelElementClass
{

```

```

readonly attribute EMailIDSet all_of_type_email_id;
readonly attribute EMailIDSet all_of_class_email_id;
EMailID create_email_id (
    in Foundation::DataTypes::Name name,
    in Foundation::DataTypes::VisibilityKind visibility,
    in boolean is_specification,
    in string e_mail_address,
    in string e_mail_type)
    raises (Reflective::MofError);
};

interface EMailID : EMailIDClass, Foundation::Core::ModelElement
{
    string e_mail_address ()
        raises (Reflective::MofError);
    void set_e_mail_address (in string new_value)
        raises (Reflective::MofError);
    string e_mail_type ()
        raises (Reflective::MofError);
    void set_e_mail_type (in string new_value)
        raises (Reflective::MofError);
    ContactInfoSet contact ()
        raises (Reflective::MofError);
    void set_contact (in ContactInfoSet new_value)
        raises (Reflective::MofError);
    void unset_contact ()
        raises (Reflective::MofError);
    void add_contact (in ContactInfo new_element)
        raises (Reflective::MofError);
    void modify_contact (
        in ContactInfo old_element,
        in ContactInfo new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_contact (in ContactInfo old_element)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface EMailID

interface LocationClass : Foundation::Core::ModelElementClass
{
    readonly attribute LocationSet all_of_type_location;
    readonly attribute LocationSet all_of_class_location;
    Location create_location (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in string location_type,
        in string address,
        in string city,
        in string post_code,
        in string area,
        in string country)

```

```

        raises (Reflective::MofError);
    };

interface Location : LocationClass, Foundation::Core::ModelElement
{
    string location_type ()
        raises (Reflective::MofError);
    void set_location_type (in string new_value)
        raises (Reflective::MofError);
    string address ()
        raises (Reflective::MofError);
    void set_address (in string new_value)
        raises (Reflective::MofError);
    string city ()
        raises (Reflective::MofError);
    void set_city (in string new_value)
        raises (Reflective::MofError);
    string post_code ()
        raises (Reflective::MofError);
    void set_post_code (in string new_value)
        raises (Reflective::MofError);
    string area ()
        raises (Reflective::MofError);
    void set_area (in string new_value)
        raises (Reflective::MofError);
    string country ()
        raises (Reflective::MofError);
    void set_country (in string new_value)
        raises (Reflective::MofError);
    ContactInfoSet contact ()
        raises (Reflective::MofError);
    void set_contact (in ContactInfoSet new_value)
        raises (Reflective::MofError);
    void unset_contact ()
        raises (Reflective::MofError);
    void add_contact (in ContactInfo new_element)
        raises (Reflective::MofError);
    void modify_contact (
        in ContactInfo old_element,
        in ContactInfo new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_contact (in ContactInfo old_element)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface Location

interface ContactInfoClass : Foundation::Core::ModelElementClass
{
    readonly attribute ContactInfoSet all_of_type_contact_info;
    readonly attribute ContactInfoSet all_of_class_contact_info;
    ContactInfo create_contact_info (
        in Foundation::DataTypes::Name name,

```

```

        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification)
        raises (Reflective::MofError);
};

interface ContactInfo : ContactInfoClass, Foundation::Core::ModelElement
{
    EMailIDUList email ()
        raises (Reflective::MofError);
    void set_email (in EMailIDUList new_value)
        raises (Reflective::MofError);
    void unset_email ()
        raises (Reflective::MofError);
    void add_email (in EMailID new_element)
        raises (Reflective::MofError);
    void add_email_before (
        in EMailID new_element,
        in EMailID before_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_email (
        in EMailID old_element,
        in EMailID new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_email (in EMailID old_element)
        raises (Reflective::NotFound, Reflective::MofError);
    LocationSet location ()
        raises (Reflective::MofError);
    void set_location (in LocationSet new_value)
        raises (Reflective::MofError);
    void unset_location ()
        raises (Reflective::MofError);
    void add_location (in CWMFoundation::Location new_element)
        raises (Reflective::MofError);
    void modify_location (
        in CWMFoundation::Location old_element,
        in CWMFoundation::Location new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_location (in CWMFoundation::Location old_element)
        raises (Reflective::NotFound, Reflective::MofError);
    TelephoneUList telephone ()
        raises (Reflective::MofError);
    void set_telephone (in TelephoneUList new_value)
        raises (Reflective::MofError);
    void unset_telephone ()
        raises (Reflective::MofError);
    void add_telephone (in CWMFoundation::Telephone new_element)
        raises (Reflective::MofError);
    void add_telephone_before (
        in CWMFoundation::Telephone new_element,
        in CWMFoundation::Telephone before_element)
        raises (Reflective::NotFound, Reflective::MofError);

```

```

void modify_telephone (
    in CWMFoundation::Telephone old_element,
    in CWMFoundation::Telephone new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_telephone (in CWMFoundation::Telephone old_element)
    raises (Reflective::NotFound, Reflective::MofError);
ResponsiblePartySet responsible_party ()
    raises (Reflective::MofError);
void set_responsible_party (in ResponsiblePartySet new_value)
    raises (Reflective::MofError);
void unset_responsible_party ()
    raises (Reflective::MofError);
void add_responsible_party (in ResponsibleParty new_element)
    raises (Reflective::MofError);
void modify_responsible_party (
    in ResponsibleParty old_element,
    in ResponsibleParty new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_responsible_party (in ResponsibleParty old_element)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ContactInfo

interface EnumerationLiteralClass : Foundation::Core::ModelElementClass
{
    readonly attribute EnumerationLiteralSet all_of_type_enumeration_literal;
    readonly attribute EnumerationLiteralSet all_of_class_enumeration_literal;
    EnumerationLiteral create_enumeration_literal (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in Foundation::DataTypes::Expression value)
        raises (Reflective::MofError);
};

interface EnumerationLiteral : EnumerationLiteralClass,
Foundation::Core::ModelElement
{
    Foundation::DataTypes::Expression value ()
        raises (Reflective::MofError);
    void set_value (in Foundation::DataTypes::Expression new_value)
        raises (Reflective::MofError);
    CWMFoundation::Enumeration enumeration ()
        raises (Reflective::MofError);
    void set_enumeration (in CWMFoundation::Enumeration new_value)
        raises (Reflective::MofError);
}; // end of interface EnumerationLiteral

interface DescriptionClass : Foundation::Core::ModelElementClass
{
    readonly attribute DescriptionSet all_of_type_description;
    readonly attribute DescriptionSet all_of_class_description;

```

```

Description create_description (
  in Foundation::DataTypes::Name name,
  in Foundation::DataTypes::VisibilityKind visibility,
  in boolean is_specification,
  in string body,
  in Foundation::DataTypes::Name language)
  raises (Reflective::MofError);
};

interface Description : DescriptionClass, Foundation::Core::ModelElement
{
  string body ()
    raises (Reflective::MofError);
  void set_body (in string new_value)
    raises (Reflective::MofError);
  Foundation::DataTypes::Name language ()
    raises (Reflective::MofError);
  void set_language (in Foundation::DataTypes::Name new_value)
    raises (Reflective::MofError);
  ModelElementSet model_element ()
    raises (Reflective::MofError);
  void set_model_element (in ModelElementSet new_value)
    raises (Reflective::MofError);
  void add_model_element (in Foundation::Core::ModelElement new_element)
    raises (Reflective::MofError);
  void modify_model_element (
    in Foundation::Core::ModelElement old_element,
    in Foundation::Core::ModelElement new_element)
    raises (Reflective::NotFound, Reflective::MofError);
  void remove_model_element (in Foundation::Core::ModelElement old_element)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface Description

interface DataTypeMappingClass : Foundation::Core::ModelElementClass
{
  readonly attribute DataTypeMappingSet all_of_type_data_type_mapping;
  readonly attribute DataTypeMappingSet all_of_class_data_type_mapping;
  DataTypeMapping create_data_type_mapping (
    in Foundation::DataTypes::Name name,
    in Foundation::DataTypes::VisibilityKind visibility,
    in boolean is_specification,
    in boolean is_best_match)
    raises (Reflective::MofError);
};

interface DataTypeMapping : DataTypeMappingClass,
Foundation::Core::ModelElement
{
  boolean is_best_match ()
    raises (Reflective::MofError);
  void set_is_best_match (in boolean new_value)

```

```

        raises (Reflective::MofError);
Foundation::Core::DataType underlying_type ()
        raises (Reflective::MofError);
void set_underlying_type (in Foundation::Core::DataType new_value)
        raises (Reflective::MofError);
Foundation::Core::DataType exposed_type ()
        raises (Reflective::MofError);
void set_exposed_type (in Foundation::Core::DataType new_value)
        raises (Reflective::MofError);
}; // end of interface DataTypeMapping

interface UniqueKeyClass : Foundation::Core::ModelElementClass
{
    readonly attribute UniqueKeySet all_of_type_unique_key;
    readonly attribute UniqueKeySet all_of_class_unique_key;
    UniqueKey create_unique_key (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification)
        raises (Reflective::MofError);
};

interface UniqueKey : UniqueKeyClass, Foundation::Core::ModelElement
{
    StructuralFeatureUList feature ()
        raises (Reflective::MofError);
    void set_feature (in StructuralFeatureUList new_value)
        raises (Reflective::MofError);
    void add_feature (in Foundation::Core::StructuralFeature new_element)
        raises (Reflective::MofError);
    void add_feature_before (
        in Foundation::Core::StructuralFeature new_element,
        in Foundation::Core::StructuralFeature before_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_feature (
        in Foundation::Core::StructuralFeature old_element,
        in Foundation::Core::StructuralFeature new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_feature (in Foundation::Core::StructuralFeature old_element)
        raises (Reflective::NotFound, Reflective::MofError);
    Foundation::Core::Class keyed_class ()
        raises (Reflective::MofError);
    void set_keyed_class (in Foundation::Core::Class new_value)
        raises (Reflective::MofError);
    KeyRelationshipSet key_relationship ()
        raises (Reflective::MofError);
    void set_key_relationship (in KeyRelationshipSet new_value)
        raises (Reflective::MofError);
    void unset_key_relationship ()
        raises (Reflective::MofError);
    void add_key_relationship (in KeyRelationship new_element)

```

```

        raises (Reflective::MofError);
void modify_key_relationship (
    in KeyRelationship old_element,
    in KeyRelationship new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_key_relationship (in KeyRelationship old_element)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface UniqueKey

interface IndexClass : Foundation::Core::ModelElementClass
{
    readonly attribute IndexSet all_of_type_index;
    readonly attribute IndexSet all_of_class_index;
    Index create_index (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_unique)
        raises (Reflective::MofError);
};

interface Index : IndexClass, Foundation::Core::ModelElement
{
    boolean is_unique ()
        raises (Reflective::MofError);
    void set_is_unique (in boolean new_value)
        raises (Reflective::MofError);
    Foundation::Core::Class span ()
        raises (Reflective::MofError);
    void set_span (in Foundation::Core::Class new_value)
        raises (Reflective::MofError);
    IndexedFeatureUList indexed_feature ()
        raises (Reflective::MofError);
    void set_indexed_feature (in IndexedFeatureUList new_value)
        raises (Reflective::MofError);
    void add_indexed_feature (in IndexedFeature new_element)
        raises (Reflective::MofError);
    void add_indexed_feature_before (
        in IndexedFeature new_element,
        in IndexedFeature before_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_indexed_feature (
        in IndexedFeature old_element,
        in IndexedFeature new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_indexed_feature (in IndexedFeature old_element)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface Index

interface KeyRelationshipClass : Foundation::Core::RelationshipClass
{

```

```

    readonly attribute KeyRelationshipSet all_of_type_key_relationship;
    readonly attribute KeyRelationshipSet all_of_class_key_relationship;
    KeyRelationship create_key_relationship (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification)
        raises (Reflective::MofError);
};

interface KeyRelationship : KeyRelationshipClass,
Foundation::Core::Relationship
{
    StructuralFeatureUList referencing_feature ()
        raises (Reflective::MofError);
    void set_referencing_feature (in StructuralFeatureUList new_value)
        raises (Reflective::MofError);
    void add_referencing_feature (in Foundation::Core::StructuralFeature
new_element)
        raises (Reflective::MofError);
    void add_referencing_feature_before (
        in Foundation::Core::StructuralFeature new_element,
        in Foundation::Core::StructuralFeature before_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_referencing_feature (
        in Foundation::Core::StructuralFeature old_element,
        in Foundation::Core::StructuralFeature new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_referencing_feature (in Foundation::Core::StructuralFeature
old_element)
        raises (Reflective::NotFound, Reflective::MofError);
    Foundation::Core::Class referencing_class ()
        raises (Reflective::MofError);
    void set_referencing_class (in Foundation::Core::Class new_value)
        raises (Reflective::MofError);
    UniqueKey unique_key ()
        raises (Reflective::MofError);
    void set_unique_key (in UniqueKey new_value)
        raises (Reflective::MofError);
}; // end of interface KeyRelationship

interface EnumerationClass : Foundation::Core::DataTypeClass
{
    readonly attribute EnumerationSet all_of_type_enumeration;
    readonly attribute EnumerationSet all_of_class_enumeration;
    Enumeration create_enumeration (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract,

```

```

        in boolean is_ordered)
        raises (Reflective::MofError);
    };

interface Enumeration : EnumerationClass, Foundation::Core::DataType
{
    boolean is_ordered ()
        raises (Reflective::MofError);
    void set_is_ordered (in boolean new_value)
        raises (Reflective::MofError);
    EnumerationLiteralUList literal ()
        raises (Reflective::MofError);
    void set_literal (in EnumerationLiteralUList new_value)
        raises (Reflective::MofError);
    void add_literal (in EnumerationLiteral new_element)
        raises (Reflective::MofError);
    void add_literal_before (
        in EnumerationLiteral new_element,
        in EnumerationLiteral before_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_literal (
        in EnumerationLiteral old_element,
        in EnumerationLiteral new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_literal (in EnumerationLiteral old_element)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface Enumeration

interface IndexedFeatureClass : Foundation::Core::ModelElementClass
{
    readonly attribute IndexedFeatureSet all_of_type_indexed_feature;
    readonly attribute IndexedFeatureSet all_of_class_indexed_feature;
    IndexedFeature create_indexed_feature (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_sorted,
        in boolean is_ascending)
        raises (Reflective::MofError);
};

interface IndexedFeature : IndexedFeatureClass,
Foundation::Core::ModelElement
{
    boolean is_sorted ()
        raises (Reflective::MofError);
    void set_is_sorted (in boolean new_value)
        raises (Reflective::MofError);
    boolean is_ascending ()
        raises (Reflective::NotSet, Reflective::MofError);
    void set_is_ascending (in boolean new_value)

```

```

        raises (Reflective::MofError);
void unset_is_ascending ()
    raises (Reflective::MofError);
CWMFoundation::Index index ()
    raises (Reflective::MofError);
void set_index (in CWMFoundation::Index new_value)
    raises (Reflective::MofError);
Foundation::Core::StructuralFeature feature ()
    raises (Reflective::MofError);
void set_feature (in Foundation::Core::StructuralFeature new_value)
    raises (Reflective::MofError);
}; // end of interface IndexedFeature

interface ExpressionNodeClass : Foundation::Core::ModelElementClass
{
    readonly attribute ExpressionNodeSet all_of_type_expression_node;
};

interface ExpressionNode : ExpressionNodeClass,
Foundation::Core::ModelElement
{
    Foundation::DataTypes::Expression body ()
        raises (Reflective::MofError);
void set_body (in Foundation::DataTypes::Expression new_value)
    raises (Reflective::MofError);
Foundation::Core::Classifier type ()
    raises (Reflective::NotSet, Reflective::MofError);
void set_type (in Foundation::Core::Classifier new_value)
    raises (Reflective::MofError);
void unset_type ()
    raises (Reflective::MofError);
FeatureNode operation_node ()
    raises (Reflective::MofError);
void set_operation_node (in FeatureNode new_value)
    raises (Reflective::MofError);
}; // end of interface ExpressionNode

interface ConstantNodeClass : ExpressionNodeClass
{
    readonly attribute ConstantNodeSet all_of_type_constant_node;
    readonly attribute ConstantNodeSet all_of_class_constant_node;
    ConstantNode create_constant_node (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in Foundation::DataTypes::Expression body,
        in any value)
        raises (Reflective::MofError);
};

interface ConstantNode : ConstantNodeClass, ExpressionNode

```

```

{
  any value ()
    raises (Reflective::MofError);
  void set_value (in any new_value)
    raises (Reflective::MofError);
}; // end of interface ConstantNode

interface ElementNodeClass : ExpressionNodeClass
{
  readonly attribute ElementNodeSet all_of_type_element_node;
  readonly attribute ElementNodeSet all_of_class_element_node;
  ElementNode create_element_node (
    in Foundation::DataTypes::Name name,
    in Foundation::DataTypes::VisibilityKind visibility,
    in boolean is_specification,
    in Foundation::DataTypes::Expression body)
    raises (Reflective::MofError);
};

interface ElementNode : ElementNodeClass, ExpressionNode
{
  Foundation::Core::ModelElement element ()
    raises (Reflective::MofError);
  void set_element (in Foundation::Core::ModelElement new_value)
    raises (Reflective::MofError);
}; // end of interface ElementNode

interface FeatureNodeClass : ExpressionNodeClass
{
  readonly attribute FeatureNodeSet all_of_type_feature_node;
  readonly attribute FeatureNodeSet all_of_class_feature_node;
  FeatureNode create_feature_node (
    in Foundation::DataTypes::Name name,
    in Foundation::DataTypes::VisibilityKind visibility,
    in boolean is_specification,
    in Foundation::DataTypes::Expression body)
    raises (Reflective::MofError);
};

interface FeatureNode : FeatureNodeClass, ExpressionNode
{
  Foundation::Core::Feature feature ()
    raises (Reflective::MofError);
  void set_feature (in Foundation::Core::Feature new_value)
    raises (Reflective::MofError);
  ExpressionNodeUList argument ()
    raises (Reflective::MofError);
  void set_argument (in ExpressionNodeUList new_value)
    raises (Reflective::MofError);
  void unset_argument ()
    raises (Reflective::MofError);
};

```

```

void add_argument (in ExpressionNode new_element)
  raises (Reflective::MofError);
void add_argument_before (
  in ExpressionNode new_element,
  in ExpressionNode before_element)
  raises (Reflective::NotFound, Reflective::MofError);
void modify_argument (
  in ExpressionNode old_element,
  in ExpressionNode new_element)
  raises (Reflective::NotFound, Reflective::MofError);
void remove_argument (in ExpressionNode old_element)
  raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface FeatureNode

interface DocumentClass : Foundation::Core::ModelElementClass
{
  readonly attribute DocumentSet all_of_type_document;
  readonly attribute DocumentSet all_of_class_document;
  Document create_document (
    in Foundation::DataTypes::Name name,
    in Foundation::DataTypes::VisibilityKind visibility,
    in boolean is_specification,
    in string reference)
    raises (Reflective::MofError);
};

interface Document : DocumentClass, Foundation::Core::ModelElement
{
  string reference ()
    raises (Reflective::MofError);
  void set_reference (in string new_value)
    raises (Reflective::MofError);
  ModelElementSet element ()
    raises (Reflective::MofError);
  void set_element (in ModelElementSet new_value)
    raises (Reflective::MofError);
  void unset_element ()
    raises (Reflective::MofError);
  void add_element (in Foundation::Core::ModelElement new_element)
    raises (Reflective::MofError);
  void modify_element (
    in Foundation::Core::ModelElement old_element,
    in Foundation::Core::ModelElement new_element)
    raises (Reflective::NotFound, Reflective::MofError);
  void remove_element (in Foundation::Core::ModelElement old_element)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface Document

struct ModelElementResponsibilityLink
{
  Foundation::Core::ModelElement element;

```

```

    ResponsibleParty responsible_party;
};
typedef sequence<ModelElementResponsibilityLink>
ModelElementResponsibilityLinkSet;

interface ModelElementResponsibility : Reflective::RefAssociation
{
    ModelElementResponsibilityLinkSet all_model_element_responsibility_links()
        raises (Reflective::MofError);
    boolean exists (
        in Foundation::Core::ModelElement element,
        in ResponsibleParty responsible_party)
        raises (Reflective::MofError);
    ModelElementSet element (in ResponsibleParty responsible_party)
        raises (Reflective::MofError);
    ResponsiblePartySet responsible_party (in Foundation::Core::ModelElement
element)
        raises (Reflective::MofError);
    void add (
        in Foundation::Core::ModelElement element,
        in ResponsibleParty responsible_party)
        raises (Reflective::MofError);
    void modify_element (
        in Foundation::Core::ModelElement element,
        in ResponsibleParty responsible_party,
        in Foundation::Core::ModelElement new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_responsible_party (
        in Foundation::Core::ModelElement element,
        in ResponsibleParty responsible_party,
        in ResponsibleParty new_responsible_party)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in Foundation::Core::ModelElement element,
        in ResponsibleParty responsible_party)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ModelElementResponsibility

struct UnionDiscriminatorLink
{
    Foundation::Core::StructuralFeature discriminator;
    UnionType discriminated_union;
};
typedef sequence<UnionDiscriminatorLink> UnionDiscriminatorLinkSet;

interface UnionDiscriminator : Reflective::RefAssociation
{
    UnionDiscriminatorLinkSet all_union_discriminator_links()
        raises (Reflective::MofError);
    boolean exists (
        in Foundation::Core::StructuralFeature discriminator,

```

```

        in UnionType discriminated_union)
        raises (Reflective::MofError);
    Foundation::Core::StructuralFeature discriminator (in UnionType
discriminated_union)
        raises (Reflective::MofError);
    UnionTypeSet discriminated_union (in Foundation::Core::StructuralFeature
discriminator)
        raises (Reflective::MofError);
    void add (
        in Foundation::Core::StructuralFeature discriminator,
        in UnionType discriminated_union)
        raises (Reflective::MofError);
    void modify_discriminator (
        in Foundation::Core::StructuralFeature discriminator,
        in UnionType discriminated_union,
        in Foundation::Core::StructuralFeature new_discriminator)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_discriminated_union (
        in Foundation::Core::StructuralFeature discriminator,
        in UnionType discriminated_union,
        in UnionType new_discriminated_union)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in Foundation::Core::StructuralFeature discriminator,
        in UnionType discriminated_union)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface UnionDiscriminator

```

```

struct ContactEmailsLink
{
    ContactInfo contact;
    EMailID email;
};
typedef sequence<ContactEmailsLink> ContactEmailsLinkSet;

```

```

interface ContactEmails : Reflective::RefAssociation
{
    ContactEmailsLinkSet all_contact_emails_links()
        raises (Reflective::MofError);
    boolean exists (
        in ContactInfo contact,
        in EMailID email)
        raises (Reflective::MofError);
    ContactInfoSet contact (in EMailID email)
        raises (Reflective::MofError);
    EMailIDUList email (in ContactInfo contact)
        raises (Reflective::MofError);
    void add (
        in ContactInfo contact,
        in EMailID email)
        raises (Reflective::MofError);
}

```

```

void add_before_email (
    in ContactInfo contact,
    in EMailID email,
    in EMailID before)
    raises (Reflective::NotFound, Reflective::MofError);
void modify_contact (
    in ContactInfo contact,
    in EMailID email,
    in ContactInfo new_contact)
    raises (Reflective::NotFound, Reflective::MofError);
void modify_email (
    in ContactInfo contact,
    in EMailID email,
    in EMailID new_email)
    raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in ContactInfo contact,
    in EMailID email)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ContactEmails

struct ContactLocationsLink
{
    ContactInfo contact;
    CWMFoundation::Location location;
};
typedef sequence<ContactLocationsLink> ContactLocationsLinkSet;

interface ContactLocations : Reflective::RefAssociation
{
    ContactLocationsLinkSet all_contact_locations_links()
        raises (Reflective::MofError);
    boolean exists (
        in ContactInfo contact,
        in CWMFoundation::Location location)
        raises (Reflective::MofError);
    ContactInfoSet contact (in CWMFoundation::Location location)
        raises (Reflective::MofError);
    LocationSet location (in ContactInfo contact)
        raises (Reflective::MofError);
    void add (
        in ContactInfo contact,
        in CWMFoundation::Location location)
        raises (Reflective::MofError);
    void modify_contact (
        in ContactInfo contact,
        in CWMFoundation::Location location,
        in ContactInfo new_contact)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_location (
        in ContactInfo contact,

```

```

        in CWMFoundation::Location location,
        in CWMFoundation::Location new_location)
        raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in ContactInfo contact,
    in CWMFoundation::Location location)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ContactLocations

struct ContactTelephonesLink
{
    ContactInfo contact;
    CWMFoundation::Telephone telephone;
};
typedef sequence<ContactTelephonesLink> ContactTelephonesLinkSet;

interface ContactTelephones : Reflective::RefAssociation
{
    ContactTelephonesLinkSet all_contact_telephones_links()
        raises (Reflective::MofError);
    boolean exists (
        in ContactInfo contact,
        in CWMFoundation::Telephone telephone)
        raises (Reflective::MofError);
    ContactInfoSet contact (in CWMFoundation::Telephone telephone)
        raises (Reflective::MofError);
    TelephoneUList telephone (in ContactInfo contact)
        raises (Reflective::MofError);
    void add (
        in ContactInfo contact,
        in CWMFoundation::Telephone telephone)
        raises (Reflective::MofError);
    void add_before_telephone (
        in ContactInfo contact,
        in CWMFoundation::Telephone telephone,
        in CWMFoundation::Telephone before)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_contact (
        in ContactInfo contact,
        in CWMFoundation::Telephone telephone,
        in ContactInfo new_contact)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_telephone (
        in ContactInfo contact,
        in CWMFoundation::Telephone telephone,
        in CWMFoundation::Telephone new_telephone)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in ContactInfo contact,
        in CWMFoundation::Telephone telephone)
        raises (Reflective::NotFound, Reflective::MofError);

```

```

}; // end of interface ContactTelephones

struct ResponsiblePartyContactLink
{
    ContactInfo contact;
    ResponsibleParty responsible_party;
};
typedef sequence<ResponsiblePartyContactLink>
ResponsiblePartyContactLinkSet;

interface ResponsiblePartyContact : Reflective::RefAssociation
{
    ResponsiblePartyContactLinkSet all_responsible_party_contact_links()
        raises (Reflective::MofError);
    boolean exists (
        in ContactInfo contact,
        in ResponsibleParty responsible_party)
        raises (Reflective::MofError);
    ContactInfoUList contact (in ResponsibleParty responsible_party)
        raises (Reflective::MofError);
    ResponsiblePartySet responsible_party (in ContactInfo contact)
        raises (Reflective::MofError);
    void add (
        in ContactInfo contact,
        in ResponsibleParty responsible_party)
        raises (Reflective::MofError);
    void add_before_contact (
        in ContactInfo contact,
        in ResponsibleParty responsible_party,
        in ContactInfo before)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_contact (
        in ContactInfo contact,
        in ResponsibleParty responsible_party,
        in ContactInfo new_contact)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_responsible_party (
        in ContactInfo contact,
        in ResponsibleParty responsible_party,
        in ResponsibleParty new_responsible_party)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in ContactInfo contact,
        in ResponsibleParty responsible_party)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ResponsiblePartyContact

struct ModelElementDescriptionLink
{
    Foundation::Core::ModelElement model_element;
    CWMFoundation::Description description;
}

```

```

};
typedef sequence<ModelElementDescriptionLink>
ModelElementDescriptionLinkSet;

interface ModelElementDescription : Reflective::RefAssociation
{
    ModelElementDescriptionLinkSet all_model_element_description_links()
        raises (Reflective::MofError);
    boolean exists (
        in Foundation::Core::ModelElement model_element,
        in CWMFoundation::Description description)
        raises (Reflective::MofError);
    ModelElementSet model_element (in CWMFoundation::Description description)
        raises (Reflective::MofError);
    DescriptionSet description (in Foundation::Core::ModelElement model_element)
        raises (Reflective::MofError);
    void add (
        in Foundation::Core::ModelElement model_element,
        in CWMFoundation::Description description)
        raises (Reflective::MofError);
    void modify_model_element (
        in Foundation::Core::ModelElement model_element,
        in CWMFoundation::Description description,
        in Foundation::Core::ModelElement new_model_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_description (
        in Foundation::Core::ModelElement model_element,
        in CWMFoundation::Description description,
        in CWMFoundation::Description new_description)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in Foundation::Core::ModelElement model_element,
        in CWMFoundation::Description description)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ModelElementDescription

struct ClassifierAliasLink
{
    Foundation::Core::Classifier type;
    TypeAlias alias;
};
typedef sequence<ClassifierAliasLink> ClassifierAliasLinkSet;

interface ClassifierAlias : Reflective::RefAssociation
{
    ClassifierAliasLinkSet all_classifier_alias_links()
        raises (Reflective::MofError);
    boolean exists (
        in Foundation::Core::Classifier type,
        in TypeAlias alias)
        raises (Reflective::MofError);
};

```

```

Foundation::Core::Classifier type (in TypeAlias alias)
  raises (Reflective::MofError);
TypeAliasSet alias (in Foundation::Core::Classifier type)
  raises (Reflective::MofError);
void add (
  in Foundation::Core::Classifier type,
  in TypeAlias alias)
  raises (Reflective::MofError);
void modify_type (
  in Foundation::Core::Classifier type,
  in TypeAlias alias,
  in Foundation::Core::Classifier new_type)
  raises (Reflective::NotFound, Reflective::MofError);
void modify_alias (
  in Foundation::Core::Classifier type,
  in TypeAlias alias,
  in TypeAlias new_alias)
  raises (Reflective::NotFound, Reflective::MofError);
void remove (
  in Foundation::Core::Classifier type,
  in TypeAlias alias)
  raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ClassifierAlias

struct UnderlyingTypeMapLink
{
  Foundation::Core::DataType underlying_type;
  DataTypeMapping underlying_map;
};
typedef sequence<UnderlyingTypeMapLink> UnderlyingTypeMapLinkSet;

interface UnderlyingTypeMap : Reflective::RefAssociation
{
  UnderlyingTypeMapLinkSet all_underlying_type_map_links()
    raises (Reflective::MofError);
  boolean exists (
    in Foundation::Core::DataType underlying_type,
    in DataTypeMapping underlying_map)
    raises (Reflective::MofError);
  Foundation::Core::DataType underlying_type (in DataTypeMapping
underlying_map)
    raises (Reflective::MofError);
  DataTypeMappingSet underlying_map (in Foundation::Core::DataType
underlying_type)
    raises (Reflective::MofError);
  void add (
    in Foundation::Core::DataType underlying_type,
    in DataTypeMapping underlying_map)
    raises (Reflective::MofError);
  void modify_underlying_type (
    in Foundation::Core::DataType underlying_type,

```

```

        in DataTypeMapping underlying_map,
        in Foundation::Core::DataType new_underlying_type)
        raises (Reflective::NotFound, Reflective::MofError);
void modify_underlying_map (
    in Foundation::Core::DataType underlying_type,
    in DataTypeMapping underlying_map,
    in DataTypeMapping new_underlying_map)
    raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in Foundation::Core::DataType underlying_type,
    in DataTypeMapping underlying_map)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface UnderlyingTypeMap

struct ExposedTypeMapLink
{
    Foundation::Core::DataType exposed_type;
    DataTypeMapping exposed_map;
};
typedef sequence<ExposedTypeMapLink> ExposedTypeMapLinkSet;

interface ExposedTypeMap : Reflective::RefAssociation
{
    ExposedTypeMapLinkSet all_exposed_type_map_links()
        raises (Reflective::MofError);
    boolean exists (
        in Foundation::Core::DataType exposed_type,
        in DataTypeMapping exposed_map)
        raises (Reflective::MofError);
    Foundation::Core::DataType exposed_type (in DataTypeMapping exposed_map)
        raises (Reflective::MofError);
    DataTypeMappingSet exposed_map (in Foundation::Core::DataType
exposed_type)
        raises (Reflective::MofError);
    void add (
        in Foundation::Core::DataType exposed_type,
        in DataTypeMapping exposed_map)
        raises (Reflective::MofError);
    void modify_exposed_type (
        in Foundation::Core::DataType exposed_type,
        in DataTypeMapping exposed_map,
        in Foundation::Core::DataType new_exposed_type)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_exposed_map (
        in Foundation::Core::DataType exposed_type,
        in DataTypeMapping exposed_map,
        in DataTypeMapping new_exposed_map)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in Foundation::Core::DataType exposed_type,
        in DataTypeMapping exposed_map)

```

```

        raises (Reflective::NotFound, Reflective::MofError);
    }; // end of interface ExposedTypeMap

    struct UniqueFeatureLink
    {
        Foundation::Core::StructuralFeature feature;
        UniqueKey unique_key;
    };
    typedef sequence<UniqueFeatureLink> UniqueFeatureLinkSet;

    interface UniqueFeature : Reflective::RefAssociation
    {
        UniqueFeatureLinkSet all_unique_feature_links()
            raises (Reflective::MofError);
        boolean exists (
            in Foundation::Core::StructuralFeature feature,
            in UniqueKey unique_key)
            raises (Reflective::MofError);
        StructuralFeatureUList feature (in UniqueKey unique_key)
            raises (Reflective::MofError);
        UniqueKeySet unique_key (in Foundation::Core::StructuralFeature feature)
            raises (Reflective::MofError);
        void add (
            in Foundation::Core::StructuralFeature feature,
            in UniqueKey unique_key)
            raises (Reflective::MofError);
        void add_before_feature (
            in Foundation::Core::StructuralFeature feature,
            in UniqueKey unique_key,
            in Foundation::Core::StructuralFeature before)
            raises (Reflective::NotFound, Reflective::MofError);
        void modify_feature (
            in Foundation::Core::StructuralFeature feature,
            in UniqueKey unique_key,
            in Foundation::Core::StructuralFeature new_feature)
            raises (Reflective::NotFound, Reflective::MofError);
        void modify_unique_key (
            in Foundation::Core::StructuralFeature feature,
            in UniqueKey unique_key,
            in UniqueKey new_unique_key)
            raises (Reflective::NotFound, Reflective::MofError);
        void remove (
            in Foundation::Core::StructuralFeature feature,
            in UniqueKey unique_key)
            raises (Reflective::NotFound, Reflective::MofError);
    }; // end of interface UniqueFeature

    struct KeyRelationshipFeaturesLink
    {
        Foundation::Core::StructuralFeature referencing_feature;
        KeyRelationship key_relationship;
    };

```

```

};
typedef sequence<KeyRelationshipFeaturesLink>
KeyRelationshipFeaturesLinkSet;

interface KeyRelationshipFeatures : Reflective::RefAssociation
{
    KeyRelationshipFeaturesLinkSet all_key_relationship_features_links()
        raises (Reflective::MofError);
    boolean exists (
        in Foundation::Core::StructuralFeature referencing_feature,
        in KeyRelationship key_relationship)
        raises (Reflective::MofError);
    StructuralFeatureUList referencing_feature (in KeyRelationship
key_relationship)
        raises (Reflective::MofError);
    KeyRelationshipSet key_relationship (in Foundation::Core::StructuralFeature
referencing_feature)
        raises (Reflective::MofError);
    void add (
        in Foundation::Core::StructuralFeature referencing_feature,
        in KeyRelationship key_relationship)
        raises (Reflective::MofError);
    void add_before_referencing_feature (
        in Foundation::Core::StructuralFeature referencing_feature,
        in KeyRelationship key_relationship,
        in Foundation::Core::StructuralFeature before)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_referencing_feature (
        in Foundation::Core::StructuralFeature referencing_feature,
        in KeyRelationship key_relationship,
        in Foundation::Core::StructuralFeature new_referencing_feature)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_key_relationship (
        in Foundation::Core::StructuralFeature referencing_feature,
        in KeyRelationship key_relationship,
        in KeyRelationship new_key_relationship)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in Foundation::Core::StructuralFeature referencing_feature,
        in KeyRelationship key_relationship)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface KeyRelationshipFeatures

struct EnumerationLiteralsLink
{
    CWMFoundation::Enumeration enumeration;
    EnumerationLiteral literal;
};
typedef sequence<EnumerationLiteralsLink> EnumerationLiteralsLinkSet;

interface EnumerationLiterals : Reflective::RefAssociation

```

```

{
  EnumerationLiteralsLinkSet all_enumeration_literals_links()
    raises (Reflective::MofError);
  boolean exists (
    in CWMFoundation::Enumeration enumeration,
    in EnumerationLiteral literal)
    raises (Reflective::MofError);
  CWMFoundation::Enumeration enumeration (in EnumerationLiteral literal)
    raises (Reflective::MofError);
  EnumerationLiteralUList literal (in CWMFoundation::Enumeration
enumeration)
    raises (Reflective::MofError);
  void add (
    in CWMFoundation::Enumeration enumeration,
    in EnumerationLiteral literal)
    raises (Reflective::MofError);
  void add_before_literal (
    in CWMFoundation::Enumeration enumeration,
    in EnumerationLiteral literal,
    in EnumerationLiteral before)
    raises (Reflective::NotFound, Reflective::MofError);
  void modify_enumeration (
    in CWMFoundation::Enumeration enumeration,
    in EnumerationLiteral literal,
    in CWMFoundation::Enumeration new_enumeration)
    raises (Reflective::NotFound, Reflective::MofError);
  void modify_literal (
    in CWMFoundation::Enumeration enumeration,
    in EnumerationLiteral literal,
    in EnumerationLiteral new_literal)
    raises (Reflective::NotFound, Reflective::MofError);
  void remove (
    in CWMFoundation::Enumeration enumeration,
    in EnumerationLiteral literal)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface EnumerationLiterals

struct IndexSpansClassLink
{
  Foundation::Core::Class span;
  CWMFoundation::Index index;
};
typedef sequence<IndexSpansClassLink> IndexSpansClassLinkSet;

interface IndexSpansClass : Reflective::RefAssociation
{
  IndexSpansClassLinkSet all_index_spans_class_links()
    raises (Reflective::MofError);
  boolean exists (
    in Foundation::Core::Class span,
    in CWMFoundation::Index index)

```

```

        raises (Reflective::MofError);
Foundation::Core::Class span (in CWMFoundation::Index index)
    raises (Reflective::MofError);
IndexSet index (in Foundation::Core::Class span)
    raises (Reflective::MofError);
void add (
    in Foundation::Core::Class span,
    in CWMFoundation::Index index)
    raises (Reflective::MofError);
void modify_span (
    in Foundation::Core::Class span,
    in CWMFoundation::Index index,
    in Foundation::Core::Class new_span)
    raises (Reflective::NotFound, Reflective::MofError);
void modify_index (
    in Foundation::Core::Class span,
    in CWMFoundation::Index index,
    in CWMFoundation::Index new_index)
    raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in Foundation::Core::Class span,
    in CWMFoundation::Index index)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface IndexSpansClass

struct KeyRelationshipToClassLink
{
    Foundation::Core::Class referencing_class;
    KeyRelationship key_relationship;
};
typedef sequence<KeyRelationshipToClassLink>
KeyRelationshipToClassLinkSet;

interface KeyRelationshipToClass : Reflective::RefAssociation
{
    KeyRelationshipToClassLinkSet all_key_relationship_to_class_links()
        raises (Reflective::MofError);
    boolean exists (
        in Foundation::Core::Class referencing_class,
        in KeyRelationship key_relationship)
        raises (Reflective::MofError);
    Foundation::Core::Class referencing_class (in KeyRelationship key_relationship)
        raises (Reflective::MofError);
    KeyRelationshipSet key_relationship (in Foundation::Core::Class
referencing_class)
        raises (Reflective::MofError);
    void add (
        in Foundation::Core::Class referencing_class,
        in KeyRelationship key_relationship)
        raises (Reflective::MofError);
    void modify_referencing_class (

```

```

    in Foundation::Core::Class referencing_class,
    in KeyRelationship key_relationship,
    in Foundation::Core::Class new_referencing_class)
    raises (Reflective::NotFound, Reflective::MofError);
void modify_key_relationship (
    in Foundation::Core::Class referencing_class,
    in KeyRelationship key_relationship,
    in KeyRelationship new_key_relationship)
    raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in Foundation::Core::Class referencing_class,
    in KeyRelationship key_relationship)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface KeyRelationshipToClass

struct IndexedFeatureInfoLink
{
    CWMFoundation::Index index;
    IndexedFeature indexed_feature;
};
typedef sequence<IndexedFeatureInfoLink> IndexedFeatureInfoLinkSet;

interface IndexedFeatureInfo : Reflective::RefAssociation
{
    IndexedFeatureInfoLinkSet all_indexed_feature_info_links()
        raises (Reflective::MofError);
    boolean exists (
        in CWMFoundation::Index index,
        in IndexedFeature indexed_feature)
        raises (Reflective::MofError);
    CWMFoundation::Index index (in IndexedFeature indexed_feature)
        raises (Reflective::MofError);
    IndexedFeatureUList indexed_feature (in CWMFoundation::Index index)
        raises (Reflective::MofError);
    void add (
        in CWMFoundation::Index index,
        in IndexedFeature indexed_feature)
        raises (Reflective::MofError);
    void add_before_indexed_feature (
        in CWMFoundation::Index index,
        in IndexedFeature indexed_feature,
        in IndexedFeature before)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_index (
        in CWMFoundation::Index index,
        in IndexedFeature indexed_feature,
        in CWMFoundation::Index new_index)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_indexed_feature (
        in CWMFoundation::Index index,
        in IndexedFeature indexed_feature,

```

```

        in IndexedFeature new_indexed_feature)
        raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in CWMFoundation::Index index,
    in IndexedFeature indexed_feature)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface IndexedFeatureInfo

struct IndexedFeaturesLink
{
    Foundation::Core::StructuralFeature feature;
    IndexedFeature indexed_feature;
};
typedef sequence<IndexedFeaturesLink> IndexedFeaturesLinkSet;

interface IndexedFeatures : Reflective::RefAssociation
{
    IndexedFeaturesLinkSet all_indexed_features_links()
        raises (Reflective::MofError);
    boolean exists (
        in Foundation::Core::StructuralFeature feature,
        in IndexedFeature indexed_feature)
        raises (Reflective::MofError);
    Foundation::Core::StructuralFeature feature (in IndexedFeature
indexed_feature)
        raises (Reflective::MofError);
    IndexedFeatureSet indexed_feature (in Foundation::Core::StructuralFeature
feature)
        raises (Reflective::MofError);
    void add (
        in Foundation::Core::StructuralFeature feature,
        in IndexedFeature indexed_feature)
        raises (Reflective::MofError);
    void modify_feature (
        in Foundation::Core::StructuralFeature feature,
        in IndexedFeature indexed_feature,
        in Foundation::Core::StructuralFeature new_feature)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_indexed_feature (
        in Foundation::Core::StructuralFeature feature,
        in IndexedFeature indexed_feature,
        in IndexedFeature new_indexed_feature)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in Foundation::Core::StructuralFeature feature,
        in IndexedFeature indexed_feature)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface IndexedFeatures

struct UniqueKeyToClassLink
{

```

```

    Foundation::Core::Class keyed_class;
    UniqueKey unique_key;
};
typedef sequence<UniqueKeyToClassLink> UniqueKeyToClassLinkSet;

interface UniqueKeyToClass : Reflective::RefAssociation
{
    UniqueKeyToClassLinkSet all_unique_key_to_class_links()
        raises (Reflective::MofError);
    boolean exists (
        in Foundation::Core::Class keyed_class,
        in UniqueKey unique_key)
        raises (Reflective::MofError);
    Foundation::Core::Class keyed_class (in UniqueKey unique_key)
        raises (Reflective::MofError);
    UniqueKeySet unique_key (in Foundation::Core::Class keyed_class)
        raises (Reflective::MofError);
    void add (
        in Foundation::Core::Class keyed_class,
        in UniqueKey unique_key)
        raises (Reflective::MofError);
    void modify_keyed_class (
        in Foundation::Core::Class keyed_class,
        in UniqueKey unique_key,
        in Foundation::Core::Class new_keyed_class)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_unique_key (
        in Foundation::Core::Class keyed_class,
        in UniqueKey unique_key,
        in UniqueKey new_unique_key)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in Foundation::Core::Class keyed_class,
        in UniqueKey unique_key)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface UniqueKeyToClass

struct ExpressionNodeClassifierLink
{
    Foundation::Core::Classifier type;
    ExpressionNode expression_node;
};
typedef sequence<ExpressionNodeClassifierLink>
ExpressionNodeClassifierLinkSet;

interface ExpressionNodeClassifier : Reflective::RefAssociation
{
    ExpressionNodeClassifierLinkSet all_expression_node_classifier_links()
        raises (Reflective::MofError);
    boolean exists (
        in Foundation::Core::Classifier type,

```

```

        in ExpressionNode expression_node)
        raises (Reflective::MofError);
Foundation::Core::Classifier type (in ExpressionNode expression_node)
        raises (Reflective::MofError);
ExpressionNodeSet expression_node (in Foundation::Core::Classifier type)
        raises (Reflective::MofError);
void add (
        in Foundation::Core::Classifier type,
        in ExpressionNode expression_node)
        raises (Reflective::MofError);
void modify_type (
        in Foundation::Core::Classifier type,
        in ExpressionNode expression_node,
        in Foundation::Core::Classifier new_type)
        raises (Reflective::NotFound, Reflective::MofError);
void modify_expression_node (
        in Foundation::Core::Classifier type,
        in ExpressionNode expression_node,
        in ExpressionNode new_expression_node)
        raises (Reflective::NotFound, Reflective::MofError);
void remove (
        in Foundation::Core::Classifier type,
        in ExpressionNode expression_node)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ExpressionNodeClassifier

struct NodeFeatureLink
{
    Foundation::Core::Feature feature;
    FeatureNode feature_node;
};
typedef sequence<NodeFeatureLink> NodeFeatureLinkSet;

interface NodeFeature : Reflective::RefAssociation
{
    NodeFeatureLinkSet all_node_feature_links()
        raises (Reflective::MofError);
    boolean exists (
        in Foundation::Core::Feature feature,
        in FeatureNode feature_node)
        raises (Reflective::MofError);
    Foundation::Core::Feature feature (in FeatureNode feature_node)
        raises (Reflective::MofError);
    FeatureNodeSet feature_node (in Foundation::Core::Feature feature)
        raises (Reflective::MofError);
    void add (
        in Foundation::Core::Feature feature,
        in FeatureNode feature_node)
        raises (Reflective::MofError);
    void modify_feature (
        in Foundation::Core::Feature feature,

```

```

        in FeatureNode feature_node,
        in Foundation::Core::Feature new_feature)
        raises (Reflective::NotFound, Reflective::MofError);
void modify_feature_node (
    in Foundation::Core::Feature feature,
    in FeatureNode feature_node,
    in FeatureNode new_feature_node)
    raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in Foundation::Core::Feature feature,
    in FeatureNode feature_node)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface NodeFeature

struct ReferencedElementLink
{
    Foundation::Core::ModelElement element;
    ElementNode element_node;
};
typedef sequence<ReferencedElementLink> ReferencedElementLinkSet;

interface ReferencedElement : Reflective::RefAssociation
{
    ReferencedElementLinkSet all_referenced_element_links()
        raises (Reflective::MofError);
    boolean exists (
        in Foundation::Core::ModelElement element,
        in ElementNode element_node)
        raises (Reflective::MofError);
    Foundation::Core::ModelElement element (in ElementNode element_node)
        raises (Reflective::MofError);
    ElementNodeSet element_node (in Foundation::Core::ModelElement element)
        raises (Reflective::MofError);
    void add (
        in Foundation::Core::ModelElement element,
        in ElementNode element_node)
        raises (Reflective::MofError);
    void modify_element (
        in Foundation::Core::ModelElement element,
        in ElementNode element_node,
        in Foundation::Core::ModelElement new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_element_node (
        in Foundation::Core::ModelElement element,
        in ElementNode element_node,
        in ElementNode new_element_node)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in Foundation::Core::ModelElement element,
        in ElementNode element_node)
        raises (Reflective::NotFound, Reflective::MofError);
};

```

```

}; // end of interface ReferencedElement

struct OperationArgumentsLink
{
    ExpressionNode argument;
    FeatureNode operation_node;
};
typedef sequence<OperationArgumentsLink> OperationArgumentsLinkSet;

interface OperationArguments : Reflective::RefAssociation
{
    OperationArgumentsLinkSet all_operation_arguments_links()
        raises (Reflective::MofError);
    boolean exists (
        in ExpressionNode argument,
        in FeatureNode operation_node)
        raises (Reflective::MofError);
    ExpressionNodeUList argument (in FeatureNode operation_node)
        raises (Reflective::MofError);
    FeatureNode operation_node (in ExpressionNode argument)
        raises (Reflective::MofError);
    void add (
        in ExpressionNode argument,
        in FeatureNode operation_node)
        raises (Reflective::MofError);
    void add_before_argument (
        in ExpressionNode argument,
        in FeatureNode operation_node,
        in ExpressionNode before)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_argument (
        in ExpressionNode argument,
        in FeatureNode operation_node,
        in ExpressionNode new_argument)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_operation_node (
        in ExpressionNode argument,
        in FeatureNode operation_node,
        in FeatureNode new_operation_node)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in ExpressionNode argument,
        in FeatureNode operation_node)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface OperationArguments

struct UniqueKeyRelationshipLink
{
    UniqueKey unique_key;
    KeyRelationship key_relationship;
};

```

```

typedef sequence<UniqueKeyRelationshipLink> UniqueKeyRelationshipLinkSet;

interface UniqueKeyRelationship : Reflective::RefAssociation
{
    UniqueKeyRelationshipLinkSet all_unique_key_relationship_links()
        raises (Reflective::MofError);
    boolean exists (
        in UniqueKey unique_key,
        in KeyRelationship key_relationship)
        raises (Reflective::MofError);
    UniqueKey unique_key (in KeyRelationship key_relationship)
        raises (Reflective::MofError);
    KeyRelationshipSet key_relationship (in UniqueKey unique_key)
        raises (Reflective::MofError);
    void add (
        in UniqueKey unique_key,
        in KeyRelationship key_relationship)
        raises (Reflective::MofError);
    void modify_unique_key (
        in UniqueKey unique_key,
        in KeyRelationship key_relationship,
        in UniqueKey new_unique_key)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_key_relationship (
        in UniqueKey unique_key,
        in KeyRelationship key_relationship,
        in KeyRelationship new_key_relationship)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in UniqueKey unique_key,
        in KeyRelationship key_relationship)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface UniqueKeyRelationship

struct DocumentDescribesLink
{
    Foundation::Core::ModelElement element;
    CWMFoundation::Document document;
};
typedef sequence<DocumentDescribesLink> DocumentDescribesLinkSet;

interface DocumentDescribes : Reflective::RefAssociation
{
    DocumentDescribesLinkSet all_document_describes_links()
        raises (Reflective::MofError);
    boolean exists (
        in Foundation::Core::ModelElement element,
        in CWMFoundation::Document document)
        raises (Reflective::MofError);
    ModelElementSet element (in CWMFoundation::Document document)
        raises (Reflective::MofError);
}

```

```

DocumentSet document (in Foundation::Core::ModelElement element)
    raises (Reflective::MofError);
void add (
    in Foundation::Core::ModelElement element,
    in CWMFoundation::Document document)
    raises (Reflective::MofError);
void modify_element (
    in Foundation::Core::ModelElement element,
    in CWMFoundation::Document document,
    in Foundation::Core::ModelElement new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void modify_document (
    in Foundation::Core::ModelElement element,
    in CWMFoundation::Document document,
    in CWMFoundation::Document new_document)
    raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in Foundation::Core::ModelElement element,
    in CWMFoundation::Document document)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface DocumentDescribes

interface CWMFoundationPackageFactory
{
    CWMFoundationPackage create_cwmfoundation_package ()
        raises (Reflective::MofError);
};

interface CWMFoundationPackage : Reflective::RefPackage
{
    readonly attribute UnionTypeClass union_type_ref;
    readonly attribute UnionMemberClass union_member_ref;
    readonly attribute TypeAliasClass type_alias_ref;
    readonly attribute ResponsiblePartyClass responsible_party_ref;
    readonly attribute TelephoneClass telephone_ref;
    readonly attribute EMailIDClass email_id_ref;
    readonly attribute LocationClass location_ref;
    readonly attribute ContactInfoClass contact_info_ref;
    readonly attribute EnumerationLiteralClass enumeration_literal_ref;
    readonly attribute DescriptionClass description_ref;
    readonly attribute DataTypeMappingClass data_type_mapping_ref;
    readonly attribute UniqueKeyClass unique_key_ref;
    readonly attribute IndexClass index_ref;
    readonly attribute KeyRelationshipClass key_relationship_ref;
    readonly attribute EnumerationClass enumeration_ref;
    readonly attribute IndexedFeatureClass indexed_feature_ref;
    readonly attribute ExpressionNodeClass expression_node_ref;
    readonly attribute ConstantNodeClass constant_node_ref;
    readonly attribute ElementNodeClass element_node_ref;
    readonly attribute FeatureNodeClass feature_node_ref;
    readonly attribute DocumentClass document_ref;

```

---

```

        readonly attribute ModelElementResponsibility
model_element_responsibility_ref;
        readonly attribute UnionDiscriminator union_discriminator_ref;
        readonly attribute ContactEmails contact_emails_ref;
        readonly attribute ContactLocations contact_locations_ref;
        readonly attribute ContactTelephones contact_telephones_ref;
        readonly attribute ResponsiblePartyContact responsible_party_contact_ref;
        readonly attribute ModelElementDescription model_element_description_ref;
        readonly attribute ClassifierAlias classifier_alias_ref;
        readonly attribute UnderlyingTypeMap underlying_type_map_ref;
        readonly attribute ExposedTypeMap exposed_type_map_ref;
        readonly attribute UniqueFeature unique_feature_ref;
        readonly attribute KeyRelationshipFeatures key_relationship_features_ref;
        readonly attribute EnumerationLiterals enumeration_literals_ref;
        readonly attribute IndexSpansClass index_spans_class_ref;
        readonly attribute KeyRelationshipToClass key_relationship_to_class_ref;
        readonly attribute IndexedFeatureInfo indexed_feature_info_ref;
        readonly attribute IndexedFeatures indexed_features_ref;
        readonly attribute UniqueKeyToClass unique_key_to_class_ref;
        readonly attribute ExpressionNodeClassifier expression_node_classifier_ref;
        readonly attribute NodeFeature node_feature_ref;
        readonly attribute ReferencedElement referenced_element_ref;
        readonly attribute OperationArguments operation_arguments_ref;
        readonly attribute UniqueKeyRelationship unique_key_relationship_ref;
        readonly attribute DocumentDescribes document_describes_ref;
    };
};

#endif

```

## 2.3 *RecordOriented.idl*

```

#ifndef RECORD_ORIENTED_IDL
#define RECORD_ORIENTED_IDL
#pragma prefix "org.omg.cwm"
#include "Reflective.idl"
#include "Foundation.idl"
#include "ModelManagement.idl"

module RecordOriented
{
    interface FieldClass;
    interface Field;
    typedef sequence<Field> FieldSet;
    interface RecordClass;
    interface Record;
    typedef sequence<Record> RecordSet;
    typedef sequence<Record> RecordUList;
    interface GroupClass;
    interface Group;
    typedef sequence<Group> GroupSet;
    interface FieldValueConditionClass;
    interface FieldValueCondition;
    typedef sequence<FieldValueCondition> FieldValueConditionSet;
    interface FixedOffsetFieldClass;
    interface FixedOffsetField;
    typedef sequence<FixedOffsetField> FixedOffsetFieldSet;
    interface RecordFileClass;
    interface RecordFile;
    typedef sequence<RecordFile> RecordFileSet;
    interface RecordOrientedPackage;

    interface FieldClass : Foundation::Core::UmlAttributeClass
    {
        readonly attribute FieldSet all_of_type_field;
        readonly attribute FieldSet all_of_class_field;
        Field create_field (
            in Foundation::DataTypes::Name name,
            in Foundation::DataTypes::VisibilityKind visibility,
            in boolean is_specification,
            in Foundation::DataTypes::ScopeKind owner_scope,
            in Foundation::DataTypes::Multiplicity multiplicity,
            in Foundation::DataTypes::ChangeableKind changeability,
            in Foundation::DataTypes::ScopeKind target_scope,
            in Foundation::DataTypes::Expression initial_value)
            raises (Reflective::MofError);
    };

    interface Field : FieldClass, Foundation::Core::UmlAttribute
    {

```

```

FieldValueCollectionSet value_condition ()
    raises (Reflective::MofError);
void set_value_condition (in FieldValueCollectionSet new_value)
    raises (Reflective::MofError);
void unset_value_condition ()
    raises (Reflective::MofError);
void add_value_condition (in FieldValueCollection new_element)
    raises (Reflective::MofError);
void modify_value_condition (
    in FieldValueCollection old_element,
    in FieldValueCollection new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_value_condition (in FieldValueCollection old_element)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface Field

```

```

interface RecordClass : Foundation::Core::ClassClass
{
    readonly attribute RecordSet all_of_type_record;
    readonly attribute RecordSet all_of_class_record;
    Record create_record (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract,
        in boolean is_active,
        in string field_delimiter,
        in string record_delimiter,
        in boolean is_fixed_width,
        in boolean is_self_describing,
        in Foundation::DataTypes::Integer skip_records,
        in string text_delimiter,
        in string format_name)
        raises (Reflective::MofError);
};

```

```

interface Record : RecordClass, Foundation::Core::Class
{
    string field_delimiter ()
        raises (Reflective::MofError);
    void set_field_delimiter (in string new_value)
        raises (Reflective::MofError);
    string record_delimiter ()
        raises (Reflective::MofError);
    void set_record_delimiter (in string new_value)
        raises (Reflective::MofError);
    boolean is_fixed_width ()
        raises (Reflective::MofError);
    void set_is_fixed_width (in boolean new_value)

```

```

        raises (Reflective::MofError);
    boolean is_self_describing ()
        raises (Reflective::MofError);
    void set_is_self_describing (in boolean new_value)
        raises (Reflective::MofError);
    Foundation::DataTypes::Integer skip_records ()
        raises (Reflective::MofError);
    void set_skip_records (in Foundation::DataTypes::Integer new_value)
        raises (Reflective::MofError);
    string text_delimiter ()
        raises (Reflective::MofError);
    void set_text_delimiter (in string new_value)
        raises (Reflective::MofError);
    string format_name ()
        raises (Reflective::MofError);
    void set_format_name (in string new_value)
        raises (Reflective::MofError);
    RecordFileSet file ()
        raises (Reflective::MofError);
    void set_file (in RecordFileSet new_value)
        raises (Reflective::MofError);
    void unset_file ()
        raises (Reflective::MofError);
    void add_file (in RecordFile new_element)
        raises (Reflective::MofError);
    void modify_file (
        in RecordFile old_element,
        in RecordFile new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_file (in RecordFile old_element)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface Record

interface GroupClass : Foundation::Core::ClassifierClass,
Foundation::Core::DataTypeClass
{
    readonly attribute GroupSet all_of_type_group;
    readonly attribute GroupSet all_of_class_group;
    Group create_group (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract)
        raises (Reflective::MofError);
};

interface Group : GroupClass, Foundation::Core::Classifier,
Foundation::Core::DataType
{

```

```

}; // end of interface Group

interface FieldValueConditionClass : Foundation::Core::ModelElementClass
{
    readonly attribute FieldValueConditionSet all_of_type_field_value_condition;
    readonly attribute FieldValueConditionSet all_of_class_field_value_condition;
    FieldValueCondition create_field_value_condition (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in Foundation::DataTypes::Expression value)
        raises (Reflective::MofError);
};

interface FieldValueCondition : FieldValueConditionClass,
Foundation::Core::ModelElement
{
    Foundation::DataTypes::Expression value ()
        raises (Reflective::MofError);
    void set_value (in Foundation::DataTypes::Expression new_value)
        raises (Reflective::MofError);
    RecordOriented::Field field ()
        raises (Reflective::MofError);
    void set_field (in RecordOriented::Field new_value)
        raises (Reflective::MofError);
}; // end of interface FieldValueCondition

interface FixedOffsetFieldClass : FieldClass
{
    readonly attribute FixedOffsetFieldSet all_of_type_fixed_offset_field;
    readonly attribute FixedOffsetFieldSet all_of_class_fixed_offset_field;
    FixedOffsetField create_fixed_offset_field (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in Foundation::DataTypes::ScopeKind owner_scope,
        in Foundation::DataTypes::Multiplicity multiplicity,
        in Foundation::DataTypes::ChangeableKind changeability,
        in Foundation::DataTypes::ScopeKind target_scope,
        in Foundation::DataTypes::Expression initial_value,
        in Foundation::DataTypes::Integer offset,
        in Foundation::DataTypes::Integer offset_unit_bits)
        raises (Reflective::MofError);
};

interface FixedOffsetField : FixedOffsetFieldClass, Field
{
    Foundation::DataTypes::Integer offset ()
        raises (Reflective::MofError);
    void set_offset (in Foundation::DataTypes::Integer new_value)
        raises (Reflective::MofError);
};

```

```

Foundation::DataTypes::Integer offset_unit_bits ()
    raises (Reflective::MofError);
void set_offset_unit_bits (in Foundation::DataTypes::Integer new_value)
    raises (Reflective::MofError);
}; // end of interface FixedOffsetField

interface RecordFileClass : ModelManagement::PackageClass
{
    readonly attribute RecordFileSet all_of_type_record_file;
    readonly attribute RecordFileSet all_of_class_record_file;
    RecordFile create_record_file (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract)
        raises (Reflective::MofError);
};

interface RecordFile : RecordFileClass, ModelManagement::Package
{
    RecordUList record ()
        raises (Reflective::MofError);
    void set_record (in RecordUList new_value)
        raises (Reflective::MofError);
    void unset_record ()
        raises (Reflective::MofError);
    void add_record (in RecordOriented::Record new_element)
        raises (Reflective::MofError);
    void add_record_before (
        in RecordOriented::Record new_element,
        in RecordOriented::Record before_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_record (
        in RecordOriented::Record old_element,
        in RecordOriented::Record new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_record (in RecordOriented::Record old_element)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface RecordFile

struct FieldValueConditionsLink
{
    FieldValueCondition value_condition;
    RecordOriented::Field field;
};
typedef sequence<FieldValueConditionsLink> FieldValueConditionsLinkSet;

interface FieldValueConditions : Reflective::RefAssociation
{

```

```

FieldValueCollectionSet all_field_value_conditions_links()
  raises (Reflective::MofError);
boolean exists (
  in FieldValueCondition value_condition,
  in RecordOriented::Field field)
  raises (Reflective::MofError);
FieldValueConditionSet value_condition (in RecordOriented::Field field)
  raises (Reflective::MofError);
RecordOriented::Field field (in FieldValueCondition value_condition)
  raises (Reflective::MofError);
void add (
  in FieldValueCondition value_condition,
  in RecordOriented::Field field)
  raises (Reflective::MofError);
void modify_value_condition (
  in FieldValueCondition value_condition,
  in RecordOriented::Field field,
  in FieldValueCondition new_value_condition)
  raises (Reflective::NotFound, Reflective::MofError);
void modify_field (
  in FieldValueCondition value_condition,
  in RecordOriented::Field field,
  in RecordOriented::Field new_field)
  raises (Reflective::NotFound, Reflective::MofError);
void remove (
  in FieldValueCondition value_condition,
  in RecordOriented::Field field)
  raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface FieldValueCollectionSet

```

```

struct RecordToFileLink
{
  RecordFile file;
  RecordOriented::Record record;
};
typedef sequence<RecordToFileLink> RecordToFileLinkSet;

```

```

interface RecordToFile : Reflective::RefAssociation
{
  RecordToFileLinkSet all_record_to_file_links()
    raises (Reflective::MofError);
  boolean exists (
    in RecordFile file,
    in RecordOriented::Record record)
    raises (Reflective::MofError);
  RecordFileSet file (in RecordOriented::Record record)
    raises (Reflective::MofError);
  RecordUList record (in RecordFile file)
    raises (Reflective::MofError);
  void add (
    in RecordFile file,

```

```

        in RecordOriented::Record record)
        raises (Reflective::MofError);
void add_before_record (
    in RecordFile file,
    in RecordOriented::Record record,
    in RecordOriented::Record before)
    raises (Reflective::NotFound, Reflective::MofError);
void modify_file (
    in RecordFile file,
    in RecordOriented::Record record,
    in RecordFile new_file)
    raises (Reflective::NotFound, Reflective::MofError);
void modify_record (
    in RecordFile file,
    in RecordOriented::Record record,
    in RecordOriented::Record new_record)
    raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in RecordFile file,
    in RecordOriented::Record record)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface RecordToFile

interface RecordOrientedPackageFactory
{
    RecordOrientedPackage create_record_oriented_package ()
        raises (Reflective::MofError);
};

interface RecordOrientedPackage : Reflective::RefPackage
{
    readonly attribute FieldClass field_ref;
    readonly attribute RecordClass record_ref;
    readonly attribute GroupClass group_ref;
    readonly attribute FieldValueConditionClass field_value_condition_ref;
    readonly attribute FixedOffsetFieldClass fixed_offset_field_ref;
    readonly attribute RecordFileClass record_file_ref;
    readonly attribute FieldValueConditions field_value_conditions_ref;
    readonly attribute RecordToFile record_to_file_ref;
};
};

#endif

```

## 2.4 *Relational.idl*

```

#ifndef RELATIONAL_IDL
#define RELATIONAL_IDL
#pragma prefix "org.omg.cwm"
#include "Reflective.idl"
#include "Foundation.idl"
#include "CWMFoundation.idl"
#include "ModelManagement.idl"
#include "WarehouseDeployment.idl"

module Relational
{
    interface CatalogClass;
    interface Catalog;
    typedef sequence<Catalog> CatalogSet;
    interface SchemaClass;
    interface Schema;
    typedef sequence<Schema> SchemaSet;
    interface RelationalColumnSetClass;
    interface RelationalColumnSet;
    typedef sequence<RelationalColumnSet> RelationalColumnSetSet;
    interface TableClass;
    interface Table;
    typedef sequence<Table> TableSet;
    interface BaseTableClass;
    interface BaseTable;
    typedef sequence<BaseTable> BaseTableSet;
    interface ViewClass;
    interface View;
    typedef sequence<View> ViewSet;
    interface SQLQueryClass;
    interface SQLQuery;
    typedef sequence<SQLQuery> SQLQuerySet;
    interface SQLDataTypeClass;
    interface SQLDataType;
    typedef sequence<SQLDataType> SQLDataTypeSet;
    interface SQLDistinctTypeClass;
    interface SQLDistinctType;
    typedef sequence<SQLDistinctType> SQLDistinctTypeSet;
    interface SQLSimpleTypeClass;
    interface SQLSimpleType;
    typedef sequence<SQLSimpleType> SQLSimpleTypeSet;
    interface SQLStructuredTypeClass;
    interface SQLStructuredType;
    typedef sequence<SQLStructuredType> SQLStructuredTypeSet;
    interface ColumnClass;
    interface Column;
    typedef sequence<Column> ColumnSet;
    interface ProcedureClass;

```

```

interface Procedure;
typedef sequence<Procedure> ProcedureSet;
interface TriggerClass;
interface Trigger;
typedef sequence<Trigger> TriggerSet;
typedef sequence<Trigger> TriggerUList;
interface SQLIndexClass;
interface SQLIndex;
typedef sequence<SQLIndex> SQLIndexSet;
interface UniqueConstraintClass;
interface UniqueConstraint;
typedef sequence<UniqueConstraint> UniqueConstraintSet;
interface ForeignKeyClass;
interface ForeignKey;
typedef sequence<ForeignKey> ForeignKeySet;
interface SQLIndexColumnClass;
interface SQLIndexColumn;
typedef sequence<SQLIndexColumn> SQLIndexColumnSet;
interface RelationalPackage;

module DataTypes
{
    interface DataTypesPackage;
    enum ActionOrientationType {row, statement};
    enum ConditionTimingType {before, after};
    enum DeferrabilityType {importedKeyInitiallyDeferred,
importedKeyInitiallyImmediate, importedKeyNotDeferrable};
    enum EventManipulationType {insert, delete, update};
    enum NullableType {columnNoNulls, columnNullable,
columnNullableUnknown};
    enum ProcedureType {procedure, function};
    enum ReferentialRuleType {importedKeyNoAction, importedKeyCascade,
importedKeySetNull, importedKeyRestrict, importedKeySetDefault};

    interface DataTypesPackage : Reflective::RefPackage
    {
    };
}; // end of module DataTypes

interface CatalogClass : ModelManagement::PackageClass
{
    readonly attribute CatalogSet all_of_type_catalog;
    readonly attribute CatalogSet all_of_class_catalog;
    Catalog create_catalog (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract)
        raises (Reflective::MofError);
}

```

```

};

interface Catalog : CatalogClass, ModelManagement::Package
{
    WarehouseDeployment::DataResource data_resource ()
        raises (Reflective::MofError);
    void set_data_resource (in WarehouseDeployment::DataResource new_value)
        raises (Reflective::MofError);
}; // end of interface Catalog

interface SchemaClass : ModelManagement::PackageClass
{
    readonly attribute SchemaSet all_of_type_schema;
};

interface Schema : SchemaClass, ModelManagement::Package
{
}; // end of interface Schema

interface RelationalColumnSetClass : Foundation::Core::ClassClass
{
    readonly attribute RelationalColumnSetSet all_of_type_relational_column_set;
    readonly attribute RelationalColumnSetSet all_of_class_relational_column_set;
    RelationalColumnSet create_relational_column_set (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract,
        in boolean is_active)
        raises (Reflective::MofError);
};

interface RelationalColumnSet : RelationalColumnSetClass,
Foundation::Core::Class
{
}; // end of interface RelationalColumnSet

interface TableClass : RelationalColumnSetClass
{
    readonly attribute TableSet all_of_type_table;
    readonly attribute TableSet all_of_class_table;
    Table create_table (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract,
        in boolean is_active,

```

```

        in boolean is_system)
        raises (Reflective::MofError);
    };

interface Table : TableClass, RelationalColumnSet
{
    boolean is_system ()
        raises (Reflective::MofError);
    void set_is_system (in boolean new_value)
        raises (Reflective::MofError);
    TriggerSet using_trigger ()
        raises (Reflective::MofError);
    void set_using_trigger (in TriggerSet new_value)
        raises (Reflective::MofError);
    void unset_using_trigger ()
        raises (Reflective::MofError);
    void add_using_trigger (in Trigger new_element)
        raises (Reflective::MofError);
    void modify_using_trigger (
        in Trigger old_element,
        in Trigger new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_using_trigger (in Trigger old_element)
        raises (Reflective::NotFound, Reflective::MofError);
    SQLStructuredType type ()
        raises (Reflective::NotSet, Reflective::MofError);
    void set_type (in SQLStructuredType new_value)
        raises (Reflective::MofError);
    void unset_type ()
        raises (Reflective::MofError);
    ColumnSet column ()
        raises (Reflective::MofError);
    void set_column (in ColumnSet new_value)
        raises (Reflective::MofError);
    void unset_column ()
        raises (Reflective::MofError);
    void add_column (in Relational::Column new_element)
        raises (Reflective::MofError);
    void modify_column (
        in Relational::Column old_element,
        in Relational::Column new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_column (in Relational::Column old_element)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface Table

interface BaseTableClass : TableClass
{
    readonly attribute BaseTableSet all_of_type_base_table;
    readonly attribute BaseTableSet all_of_class_base_table;
    BaseTable create_base_table (

```

```

        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract,
        in boolean is_active,
        in boolean is_system,
        in boolean is_temporary,
        in string temporary_scope)
        raises (Reflective::MofError);
};

interface BaseTable : BaseTableClass, Table
{
    boolean is_temporary ()
        raises (Reflective::MofError);
    void set_is_temporary (in boolean new_value)
        raises (Reflective::MofError);
    string temporary_scope ()
        raises (Reflective::MofError);
    void set_temporary_scope (in string new_value)
        raises (Reflective::MofError);
    TriggerUList trigger ()
        raises (Reflective::MofError);
    void set_trigger (in TriggerUList new_value)
        raises (Reflective::MofError);
    void unset_trigger ()
        raises (Reflective::MofError);
    void add_trigger (in Relational::Trigger new_element)
        raises (Reflective::MofError);
    void add_trigger_before (
        in Relational::Trigger new_element,
        in Relational::Trigger before_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_trigger (
        in Relational::Trigger old_element,
        in Relational::Trigger new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_trigger (in Relational::Trigger old_element)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface BaseTable

interface ViewClass : TableClass
{
    readonly attribute ViewSet all_of_type_view;
    readonly attribute ViewSet all_of_class_view;
    View create_view (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,

```

```

        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract,
        in boolean is_active,
        in boolean is_system,
        in boolean is_read_only,
        in boolean check_option,
        in CWMFoundation::QueryExpression query_expression)
        raises (Reflective::MofError);
    };

interface View : ViewClass, Table
{
    boolean is_read_only ()
        raises (Reflective::MofError);
    void set_is_read_only (in boolean new_value)
        raises (Reflective::MofError);
    boolean check_option ()
        raises (Reflective::MofError);
    void set_check_option (in boolean new_value)
        raises (Reflective::MofError);
    CWMFoundation::QueryExpression query_expression ()
        raises (Reflective::MofError);
    void set_query_expression (in CWMFoundation::QueryExpression new_value)
        raises (Reflective::MofError);
}; // end of interface View

interface SQLQueryClass : RelationalColumnSetClass
{
    readonly attribute SQLQuerySet all_of_type_sqlquery;
    readonly attribute SQLQuerySet all_of_class_sqlquery;
    SQLQuery create_sqlquery (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract,
        in boolean is_active)
        raises (Reflective::MofError);
    };

interface SQLQuery : SQLQueryClass, RelationalColumnSet
{
}; // end of interface SQLQuery

interface SQLDataTypeClass : Foundation::Core::DataTypeClass
{
    readonly attribute SQLDataTypeSet all_of_type_sqldata_type;
    };

```

```

interface SQLDataType : SQLDataTypeClass, Foundation::Core::DataType
{
}; // end of interface SQLDataType

interface SQLDistinctTypeClass : SQLDataTypeClass
{
    readonly attribute SQLDistinctTypeSet all_of_type_sqldistinct_type;
    readonly attribute SQLDistinctTypeSet all_of_class_sqldistinct_type;
    SQLDistinctType create_sqldistinct_type (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract)
        raises (Reflective::MofError);
};

interface SQLDistinctType : SQLDistinctTypeClass, SQLDataType
{
}; // end of interface SQLDistinctType

interface SQLSimpleTypeClass : SQLDataTypeClass
{
    readonly attribute SQLSimpleTypeSet all_of_type_sqlsimple_type;
    readonly attribute SQLSimpleTypeSet all_of_class_sqlsimple_type;
    SQLSimpleType create_sqlsimple_type (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract,
        in Foundation::DataTypes::Integer character_maximum_length,
        in Foundation::DataTypes::Integer character_octet_length,
        in Foundation::DataTypes::Integer numeric_precision,
        in Foundation::DataTypes::Integer numeric_precision_radix,
        in Foundation::DataTypes::Integer numeric_scale,
        in Foundation::DataTypes::Integer date_time_precision)
        raises (Reflective::MofError);
};

interface SQLSimpleType : SQLSimpleTypeClass, SQLDataType
{
    Foundation::DataTypes::Integer character_maximum_length ()
        raises (Reflective::MofError);
    void set_character_maximum_length (in Foundation::DataTypes::Integer
new_value)
        raises (Reflective::MofError);
    Foundation::DataTypes::Integer character_octet_length ()
        raises (Reflective::MofError);
};

```

```

void set_character_octet_length (in Foundation::DataTypes::Integer new_value)
    raises (Reflective::MofError);
Foundation::DataTypes::Integer numeric_precision ()
    raises (Reflective::MofError);
void set_numeric_precision (in Foundation::DataTypes::Integer new_value)
    raises (Reflective::MofError);
Foundation::DataTypes::Integer numeric_precision_radix ()
    raises (Reflective::MofError);
void set_numeric_precision_radix (in Foundation::DataTypes::Integer
new_value)
    raises (Reflective::MofError);
Foundation::DataTypes::Integer numeric_scale ()
    raises (Reflective::MofError);
void set_numeric_scale (in Foundation::DataTypes::Integer new_value)
    raises (Reflective::MofError);
Foundation::DataTypes::Integer date_time_precision ()
    raises (Reflective::MofError);
void set_date_time_precision (in Foundation::DataTypes::Integer new_value)
    raises (Reflective::MofError);
}; // end of interface SQLSimpleType

interface SQLStructuredTypeClass : SQLDataTypeClass
{
    readonly attribute SQLStructuredTypeSet all_of_type_sqlstructured_type;
    readonly attribute SQLStructuredTypeSet all_of_class_sqlstructured_type;
    SQLStructuredType create_sqlstructured_type (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract)
        raises (Reflective::MofError);
};

interface SQLStructuredType : SQLStructuredTypeClass, SQLDataType
{
    TableSet table ()
        raises (Reflective::MofError);
    void set_table (in TableSet new_value)
        raises (Reflective::MofError);
    void unset_table ()
        raises (Reflective::MofError);
    void add_table (in Relational::Table new_element)
        raises (Reflective::MofError);
    void modify_table (
        in Relational::Table old_element,
        in Relational::Table new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_table (in Relational::Table old_element)
        raises (Reflective::NotFound, Reflective::MofError);
};

```

```

ColumnSet column ()
    raises (Reflective::MofError);
void set_column (in ColumnSet new_value)
    raises (Reflective::MofError);
void unset_column ()
    raises (Reflective::MofError);
void add_column (in Relational::Column new_element)
    raises (Reflective::MofError);
void modify_column (
    in Relational::Column old_element,
    in Relational::Column new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_column (in Relational::Column old_element)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface SQLStructuredType

interface ColumnClass : Foundation::Core::UmlAttributeClass
{
    readonly attribute ColumnSet all_of_type_column;
    readonly attribute ColumnSet all_of_class_column;
    Column create_column (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in Foundation::DataTypes::ScopeKind owner_scope,
        in Foundation::DataTypes::Multiplicity multiplicity,
        in Foundation::DataTypes::ChangeableKind changeability,
        in Foundation::DataTypes::ScopeKind target_scope,
        in Foundation::DataTypes::Expression initial_value,
        in Foundation::DataTypes::Integer precision,
        in Foundation::DataTypes::Integer scale,
        in DataTypes::NullableType is_nullable)
        raises (Reflective::MofError);
};

interface Column : ColumnClass, Foundation::Core::UmlAttribute
{
    Foundation::DataTypes::Integer precision ()
        raises (Reflective::MofError);
    void set_precision (in Foundation::DataTypes::Integer new_value)
        raises (Reflective::MofError);
    Foundation::DataTypes::Integer scale ()
        raises (Reflective::MofError);
    void set_scale (in Foundation::DataTypes::Integer new_value)
        raises (Reflective::MofError);
    DataTypes::NullableType is_nullable ()
        raises (Reflective::MofError);
    void set_is_nullable (in DataTypes::NullableType new_value)
        raises (Reflective::MofError);
    SQLStructuredType reference ()
        raises (Reflective::NotSet, Reflective::MofError);
}

```

```

void set_reference (in SQLStructuredType new_value)
    raises (Reflective::MofError);
void unset_reference ()
    raises (Reflective::MofError);
Relational::Table table ()
    raises (Reflective::NotSet, Reflective::MofError);
void set_table (in Relational::Table new_value)
    raises (Reflective::MofError);
void unset_table ()
    raises (Reflective::MofError);
}; // end of interface Column

interface ProcedureClass : Foundation::Core::MethodClass
{
    readonly attribute ProcedureSet all_of_type_procedure;
    readonly attribute ProcedureSet all_of_class_procedure;
    Procedure create_procedure (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in Foundation::DataTypes::ScopeKind owner_scope,
        in boolean is_query,
        in Foundation::DataTypes::ProcedureExpression body,
        in DataTypes::ProcedureType type)
        raises (Reflective::MofError);
};

interface Procedure : ProcedureClass, Foundation::Core::Method
{
    DataTypes::ProcedureType type ()
        raises (Reflective::MofError);
    void set_type (in DataTypes::ProcedureType new_value)
        raises (Reflective::MofError);
}; // end of interface Procedure

interface TriggerClass : Foundation::Core::ModelElementClass
{
    readonly attribute TriggerSet all_of_type_trigger;
    readonly attribute TriggerSet all_of_class_trigger;
    Trigger create_trigger (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in DataTypes::EventManipulationType event_manipulation,
        in Foundation::DataTypes::BooleanExpression action_condition,
        in Foundation::DataTypes::ProcedureExpression action_statement,
        in DataTypes::ActionOrientationType action_orientation,
        in DataTypes::ConditionTimingType condition_timing,
        in string condition_reference_new_table,
        in string condition_reference_old_table)
        raises (Reflective::MofError);
};

```

```

};

interface Trigger : TriggerClass, Foundation::Core::ModelElement
{
    DataTypes::EventManipulationType event_manipulation ()
        raises (Reflective::MofError);
    void set_event_manipulation (in DataTypes::EventManipulationType new_value)
        raises (Reflective::MofError);
    Foundation::DataTypes::BooleanExpression action_condition ()
        raises (Reflective::MofError);
    void set_action_condition (in Foundation::DataTypes::BooleanExpression
new_value)
        raises (Reflective::MofError);
    Foundation::DataTypes::ProcedureExpression action_statement ()
        raises (Reflective::MofError);
    void set_action_statement (in Foundation::DataTypes::ProcedureExpression
new_value)
        raises (Reflective::MofError);
    DataTypes::ActionOrientationType action_orientation ()
        raises (Reflective::MofError);
    void set_action_orientation (in DataTypes::ActionOrientationType new_value)
        raises (Reflective::MofError);
    DataTypes::ConditionTimingType condition_timing ()
        raises (Reflective::MofError);
    void set_condition_timing (in DataTypes::ConditionTimingType new_value)
        raises (Reflective::MofError);
    string condition_reference_new_table ()
        raises (Reflective::MofError);
    void set_condition_reference_new_table (in string new_value)
        raises (Reflective::MofError);
    string condition_reference_old_table ()
        raises (Reflective::MofError);
    void set_condition_reference_old_table (in string new_value)
        raises (Reflective::MofError);
    TableSet used_table ()
        raises (Reflective::MofError);
    void set_used_table (in TableSet new_value)
        raises (Reflective::MofError);
    void unset_used_table ()
        raises (Reflective::MofError);
    void add_used_table (in Relational::Table new_element)
        raises (Reflective::MofError);
    void modify_used_table (
        in Relational::Table old_element,
        in Relational::Table new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_used_table (in Relational::Table old_element)
        raises (Reflective::NotFound, Reflective::MofError);
    BaseTable table ()
        raises (Reflective::MofError);
    void set_table (in BaseTable new_value)

```

```

        raises (Reflective::MofError);
    }; // end of interface Trigger

interface SQLIndexClass : CWMFoundation::IndexClass
{
    readonly attribute SQLIndexSet all_of_type_sqlindex;
    readonly attribute SQLIndexSet all_of_class_sqlindex;
    SQLIndex create_sqlindex (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_unique,
        in string filter_condition,
        in boolean is_nullable,
        in boolean auto_update,
        in boolean is_sorted)
        raises (Reflective::MofError);
    };

interface SQLIndex : SQLIndexClass, CWMFoundation::Index
{
    string filter_condition ()
        raises (Reflective::MofError);
    void set_filter_condition (in string new_value)
        raises (Reflective::MofError);
    boolean is_nullable ()
        raises (Reflective::MofError);
    void set_is_nullable (in boolean new_value)
        raises (Reflective::MofError);
    boolean auto_update ()
        raises (Reflective::MofError);
    void set_auto_update (in boolean new_value)
        raises (Reflective::MofError);
    boolean is_sorted ()
        raises (Reflective::MofError);
    void set_is_sorted (in boolean new_value)
        raises (Reflective::MofError);
    }; // end of interface SQLIndex

interface UniqueConstraintClass : CWMFoundation::UniqueKeyClass
{
    readonly attribute UniqueConstraintSet all_of_type_unique_constraint;
    readonly attribute UniqueConstraintSet all_of_class_unique_constraint;
    UniqueConstraint create_unique_constraint (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_indexed)
        raises (Reflective::MofError);
    };

```

```

interface UniqueConstraint : UniqueConstraintClass,
CWMFoundation::UniqueKey
{
    boolean is_indexed ()
        raises (Reflective::MofError);
    void set_is_indexed (in boolean new_value)
        raises (Reflective::MofError);
}; // end of interface UniqueConstraint

interface ForeignKeyClass : CWMFoundation::KeyRelationshipClass
{
    readonly attribute ForeignKeySet all_of_type_foreign_key;
    readonly attribute ForeignKeySet all_of_class_foreign_key;
    ForeignKey create_foreign_key (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in DataTypes::ReferentialRuleType delete_rule,
        in DataTypes::ReferentialRuleType update_rule,
        in DataTypes::DeferrabilityType deferrability,
        in boolean is_indexed)
        raises (Reflective::MofError);
};

interface ForeignKey : ForeignKeyClass, CWMFoundation::KeyRelationship
{
    DataTypes::ReferentialRuleType delete_rule ()
        raises (Reflective::MofError);
    void set_delete_rule (in DataTypes::ReferentialRuleType new_value)
        raises (Reflective::MofError);
    DataTypes::ReferentialRuleType update_rule ()
        raises (Reflective::MofError);
    void set_update_rule (in DataTypes::ReferentialRuleType new_value)
        raises (Reflective::MofError);
    DataTypes::DeferrabilityType deferrability ()
        raises (Reflective::MofError);
    void set_deferrability (in DataTypes::DeferrabilityType new_value)
        raises (Reflective::MofError);
    boolean is_indexed ()
        raises (Reflective::MofError);
    void set_is_indexed (in boolean new_value)
        raises (Reflective::MofError);
}; // end of interface ForeignKey

interface SQLIndexColumnClass : CWMFoundation::IndexedFeatureClass
{
    readonly attribute SQLIndexColumnSet all_of_type_sqlindex_column;
    readonly attribute SQLIndexColumnSet all_of_class_sqlindex_column;
    SQLIndexColumn create_sqlindex_column (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,

```

```

        in boolean is_specification,
        in boolean is_sorted,
        in boolean is_ascending)
        raises (Reflective::MofError);
    };

    interface SQLIndexColumn : SQLIndexColumnClass,
    CWMFoundation::IndexedFeature
    {
    }; // end of interface SQLIndexColumn

    struct TriggerUsingTableLink
    {
        Table used_table;
        Trigger using_trigger;
    };
    typedef sequence<TriggerUsingTableLink> TriggerUsingTableLinkSet;

    interface TriggerUsingTable : Reflective::RefAssociation
    {
        TriggerUsingTableLinkSet all_trigger_using_table_links()
        raises (Reflective::MofError);
        boolean exists (
            in Table used_table,
            in Trigger using_trigger)
        raises (Reflective::MofError);
        TableSet used_table (in Trigger using_trigger)
        raises (Reflective::MofError);
        TriggerSet using_trigger (in Table used_table)
        raises (Reflective::MofError);
        void add (
            in Table used_table,
            in Trigger using_trigger)
        raises (Reflective::MofError);
        void modify_used_table (
            in Table used_table,
            in Trigger using_trigger,
            in Table new_used_table)
        raises (Reflective::NotFound, Reflective::MofError);
        void modify_using_trigger (
            in Table used_table,
            in Trigger using_trigger,
            in Trigger new_using_trigger)
        raises (Reflective::NotFound, Reflective::MofError);
        void remove (
            in Table used_table,
            in Trigger using_trigger)
        raises (Reflective::NotFound, Reflective::MofError);
    }; // end of interface TriggerUsingTable

    struct TableOwningTriggerLink

```

```

{
    BaseType table;
    Relational::Trigger trigger;
};
typedef sequence<TableOwningTriggerLink> TableOwningTriggerLinkSet;

interface TableOwningTrigger : Reflective::RefAssociation
{
    TableOwningTriggerLinkSet all_table_owning_trigger_links()
        raises (Reflective::MofError);
    boolean exists (
        in BaseType table,
        in Relational::Trigger trigger)
        raises (Reflective::MofError);
    BaseType table (in Relational::Trigger trigger)
        raises (Reflective::MofError);
    TriggerUList trigger (in BaseType table)
        raises (Reflective::MofError);
    void add (
        in BaseType table,
        in Relational::Trigger trigger)
        raises (Reflective::MofError);
    void add_before_trigger (
        in BaseType table,
        in Relational::Trigger trigger,
        in Relational::Trigger before)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_table (
        in BaseType table,
        in Relational::Trigger trigger,
        in BaseType new_table)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_trigger (
        in BaseType table,
        in Relational::Trigger trigger,
        in Relational::Trigger new_trigger)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in BaseType table,
        in Relational::Trigger trigger)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface TableOwningTrigger

struct DataResourceOwningCatalogLink
{
    WarehouseDeployment::DataResource data_resource;
    Relational::Catalog catalog;
};
typedef sequence<DataResourceOwningCatalogLink>
DataResourceOwningCatalogLinkSet;

```

```

interface DataResourceOwningCatalog : Reflective::RefAssociation
{
    DataResourceOwningCatalogLinkSet all_data_resource_owning_catalog_links()
        raises (Reflective::MofError);
    boolean exists (
        in WarehouseDeployment::DataResource data_resource,
        in Relational::Catalog catalog)
        raises (Reflective::MofError);
    WarehouseDeployment::DataResource data_resource (in Relational::Catalog
catalog)
        raises (Reflective::MofError);
    CatalogSet catalog (in WarehouseDeployment::DataResource data_resource)
        raises (Reflective::MofError);
    void add (
        in WarehouseDeployment::DataResource data_resource,
        in Relational::Catalog catalog)
        raises (Reflective::MofError);
    void modify_data_resource (
        in WarehouseDeployment::DataResource data_resource,
        in Relational::Catalog catalog,
        in WarehouseDeployment::DataResource new_data_resource)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_catalog (
        in WarehouseDeployment::DataResource data_resource,
        in Relational::Catalog catalog,
        in Relational::Catalog new_catalog)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in WarehouseDeployment::DataResource data_resource,
        in Relational::Catalog catalog)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface DataResourceOwningCatalog

struct TableOfStructuredTypeLink
{
    SQLStructuredType type;
    Relational::Table table;
};
typedef sequence<TableOfStructuredTypeLink> TableOfStructuredTypeLinkSet;

interface TableOfStructuredType : Reflective::RefAssociation
{
    TableOfStructuredTypeLinkSet all_table_of_structured_type_links()
        raises (Reflective::MofError);
    boolean exists (
        in SQLStructuredType type,
        in Relational::Table table)
        raises (Reflective::MofError);
    SQLStructuredType type (in Relational::Table table)
        raises (Reflective::MofError);
    TableSet table (in SQLStructuredType type)

```

```

        raises (Reflective::MofError);
void add (
    in SQLStructuredType type,
    in Relational::Table table)
    raises (Reflective::MofError);
void modify_type (
    in SQLStructuredType type,
    in Relational::Table table,
    in SQLStructuredType new_type)
    raises (Reflective::NotFound, Reflective::MofError);
void modify_table (
    in SQLStructuredType type,
    in Relational::Table table,
    in Relational::Table new_table)
    raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in SQLStructuredType type,
    in Relational::Table table)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface TableOfStructuredType

struct ColumnRefStructuredTypeLink
{
    SQLStructuredType reference;
    Relational::Column column;
};
typedef sequence<ColumnRefStructuredTypeLink>
ColumnRefStructuredTypeLinkSet;

interface ColumnRefStructuredType : Reflective::RefAssociation
{
    ColumnRefStructuredTypeLinkSet all_column_ref_structured_type_links()
        raises (Reflective::MofError);
    boolean exists (
        in SQLStructuredType reference,
        in Relational::Column column)
        raises (Reflective::MofError);
    SQLStructuredType reference (in Relational::Column column)
        raises (Reflective::MofError);
    ColumnSet column (in SQLStructuredType reference)
        raises (Reflective::MofError);
    void add (
        in SQLStructuredType reference,
        in Relational::Column column)
        raises (Reflective::MofError);
    void modify_reference (
        in SQLStructuredType reference,
        in Relational::Column column,
        in SQLStructuredType new_reference)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_column (

```

```

        in SQLStructuredType reference,
        in Relational::Column column,
        in Relational::Column new_column)
        raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in SQLStructuredType reference,
    in Relational::Column column)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ColumnRefStructuredType

struct ColumnOptionsTableLink
{
    Relational::Column column;
    Relational::Table table;
};
typedef sequence<ColumnOptionsTableLink> ColumnOptionsTableLinkSet;

interface ColumnOptionsTable : Reflective::RefAssociation
{
    ColumnOptionsTableLinkSet all_column_options_table_links()
        raises (Reflective::MofError);
    boolean exists (
        in Relational::Column column,
        in Relational::Table table)
        raises (Reflective::MofError);
    ColumnSet column (in Relational::Table table)
        raises (Reflective::MofError);
    Relational::Table table (in Relational::Column column)
        raises (Reflective::MofError);
    void add (
        in Relational::Column column,
        in Relational::Table table)
        raises (Reflective::MofError);
    void modify_column (
        in Relational::Column column,
        in Relational::Table table,
        in Relational::Column new_column)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_table (
        in Relational::Column column,
        in Relational::Table table,
        in Relational::Table new_table)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in Relational::Column column,
        in Relational::Table table)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ColumnOptionsTable

interface RelationalPackageFactory
{

```

```

RelationalPackage create_relational_package ()
    raises (Reflective::MofError);
};

interface RelationalPackage : Reflective::RefPackage
{
    readonly attribute DataTypes::DataTypesPackage data_types_ref;
    readonly attribute CatalogClass catalog_ref;
    readonly attribute SchemaClass schema_ref;
    readonly attribute RelationalColumnSetClass relational_column_set_ref;
    readonly attribute TableClass table_ref;
    readonly attribute BaseTableClass base_table_ref;
    readonly attribute ViewClass view_ref;
    readonly attribute SQLQueryClass sqlquery_ref;
    readonly attribute SQLDataTypeClass sqldata_type_ref;
    readonly attribute SQLDistinctTypeClass sqldistinct_type_ref;
    readonly attribute SQLSimpleTypeClass sqlsimple_type_ref;
    readonly attribute SQLStructuredTypeClass sqlstructured_type_ref;
    readonly attribute ColumnClass column_ref;
    readonly attribute ProcedureClass procedure_ref;
    readonly attribute TriggerClass trigger_ref;
    readonly attribute SQLIndexClass sqlindex_ref;
    readonly attribute UniqueConstraintClass unique_constraint_ref;
    readonly attribute ForeignKeyClass foreign_key_ref;
    readonly attribute SQLIndexColumnClass sqlindex_column_ref;
    readonly attribute TriggerUsingTable trigger_using_table_ref;
    readonly attribute TableOwningTrigger table_owning_trigger_ref;
    readonly attribute DataResourceOwningCatalog
data_resource_owning_catalog_ref;
    readonly attribute TableOfStructuredType table_of_structured_type_ref;
    readonly attribute ColumnRefStructuredType column_ref_structured_type_ref;
    readonly attribute ColumnOptionsTable column_options_table_ref;
};
};

#endif

```

## 2.5 *MDDB.idl*

```

#ifndef MDDB_IDL
#define MDDB_IDL
#pragma prefix "org.omg.cwm"
#include "Reflective.idl"
#include "Foundation.idl"
#include "ModelManagement.idl"
#include "WarehouseDeployment.idl"

module MDDB
{
    interface DimensionClass;
    interface Dimension;
    typedef sequence<Dimension> DimensionSet;
    interface DimensionedObjectClass;
    interface DimensionedObject;
    typedef sequence<DimensionedObject> DimensionedObjectSet;
    typedef sequence<DimensionedObject> DimensionedObjectUList;
    interface SchemaClass;
    interface Schema;
    typedef sequence<Schema> SchemaSet;
    interface MDDBPackage;

    interface DimensionClass : Foundation::Core::ClassClass
    {
        readonly attribute DimensionSet all_of_type_dimension;
        readonly attribute DimensionSet all_of_class_dimension;
        Dimension create_dimension (
            in Foundation::DataTypes::Name name,
            in Foundation::DataTypes::VisibilityKind visibility,
            in boolean is_specification,
            in boolean is_root,
            in boolean is_leaf,
            in boolean is_abstract,
            in boolean is_active)
            raises (Reflective::MofError);
        };

    interface Dimension : DimensionClass, Foundation::Core::Class
    {
        DimensionedObjectUList dimensioned_object ()
            raises (Reflective::MofError);
        void set_dimensioned_object (in DimensionedObjectUList new_value)
            raises (Reflective::MofError);
        void unset_dimensioned_object ()
            raises (Reflective::MofError);
        void add_dimensioned_object (in DimensionedObject new_element)
            raises (Reflective::MofError);
        void add_dimensioned_object_before (

```

```

        in DimensionedObject new_element,
        in DimensionedObject before_element)
        raises (Reflective::NotFound, Reflective::MofError);
void modify_dimensioned_object (
    in DimensionedObject old_element,
    in DimensionedObject new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_dimensioned_object (in DimensionedObject old_element)
    raises (Reflective::NotFound, Reflective::MofError);
DimensionSet referenced_dimension ()
    raises (Reflective::MofError);
void set_referenced_dimension (in DimensionSet new_value)
    raises (Reflective::MofError);
void unset_referenced_dimension ()
    raises (Reflective::MofError);
void add_referenced_dimension (in Dimension new_element)
    raises (Reflective::MofError);
void modify_referenced_dimension (
    in Dimension old_element,
    in Dimension new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_referenced_dimension (in Dimension old_element)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface Dimension

interface DimensionedObjectClass : Foundation::Core::UmlAttributeClass
{
    readonly attribute DimensionedObjectSet all_of_type_dimensioned_object;
    readonly attribute DimensionedObjectSet all_of_class_dimensioned_object;
    DimensionedObject create_dimensioned_object (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in Foundation::DataTypes::ScopeKind owner_scope,
        in Foundation::DataTypes::Multiplicity multiplicity,
        in Foundation::DataTypes::ChangeableKind changeability,
        in Foundation::DataTypes::ScopeKind target_scope,
        in Foundation::DataTypes::Expression initial_value)
        raises (Reflective::MofError);
};

interface DimensionedObject : DimensionedObjectClass,
Foundation::Core::UmlAttribute
{
    DimensionSet dimension ()
        raises (Reflective::MofError);
    void set_dimension (in DimensionSet new_value)
        raises (Reflective::MofError);
    void unset_dimension ()
        raises (Reflective::MofError);
    void add_dimension (in MDDB::Dimension new_element)

```

```

        raises (Reflective::MofError);
void modify_dimension (
    in MDDB::Dimension old_element,
    in MDDB::Dimension new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_dimension (in MDDB::Dimension old_element)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface DimensionedObject

interface SchemaClass : ModelManagement::PackageClass
{
    readonly attribute SchemaSet all_of_type_schema;
    readonly attribute SchemaSet all_of_class_schema;
    Schema create_schema (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract)
        raises (Reflective::MofError);
};

interface Schema : SchemaClass, ModelManagement::Package
{
    WarehouseDeployment::DataResource data_resource ()
        raises (Reflective::MofError);
    void set_data_resource (in WarehouseDeployment::DataResource new_value)
        raises (Reflective::MofError);
}; // end of interface Schema

struct DimensionReferencesDimensionedObjectsLink
{
    MDDB::Dimension dimension;
    DimensionedObject dimensioned_object;
};
typedef sequence<DimensionReferencesDimensionedObjectsLink>
DimensionReferencesDimensionedObjectsLinkSet;

interface DimensionReferencesDimensionedObjects : Reflective::RefAssociation
{
    DimensionReferencesDimensionedObjectsLinkSet
all_dimension_references_dimensioned_objects_links()
    raises (Reflective::MofError);
    boolean exists (
        in MDDB::Dimension dimension,
        in DimensionedObject dimensioned_object)
        raises (Reflective::MofError);
    DimensionSet dimension (in DimensionedObject dimensioned_object)
        raises (Reflective::MofError);
    DimensionedObjectUList dimensioned_object (in MDDB::Dimension dimension)

```

```

        raises (Reflective::MofError);
void add (
    in MDDB::Dimension dimension,
    in DimensionedObject dimensioned_object)
    raises (Reflective::MofError);
void add_before_dimensioned_object (
    in MDDB::Dimension dimension,
    in DimensionedObject dimensioned_object,
    in DimensionedObject before)
    raises (Reflective::NotFound, Reflective::MofError);
void modify_dimension (
    in MDDB::Dimension dimension,
    in DimensionedObject dimensioned_object,
    in MDDB::Dimension new_dimension)
    raises (Reflective::NotFound, Reflective::MofError);
void modify_dimensioned_object (
    in MDDB::Dimension dimension,
    in DimensionedObject dimensioned_object,
    in DimensionedObject new_dimensioned_object)
    raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in MDDB::Dimension dimension,
    in DimensionedObject dimensioned_object)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface DimensionReferencesDimensionedObjects

struct DataResourceOwnsSchemasLink
{
    WarehouseDeployment::DataResource data_resource;
    MDDB::Schema schema;
};
typedef sequence<DataResourceOwnsSchemasLink>
DataResourceOwnsSchemasLinkSet;

interface DataResourceOwnsSchemas : Reflective::RefAssociation
{
    DataResourceOwnsSchemasLinkSet all_data_resource_owns_schemas_links()
        raises (Reflective::MofError);
    boolean exists (
        in WarehouseDeployment::DataResource data_resource,
        in MDDB::Schema schema)
        raises (Reflective::MofError);
    WarehouseDeployment::DataResource data_resource (in MDDB::Schema
schema)
        raises (Reflective::MofError);
    SchemaSet schema (in WarehouseDeployment::DataResource data_resource)
        raises (Reflective::MofError);
    void add (
        in WarehouseDeployment::DataResource data_resource,
        in MDDB::Schema schema)
        raises (Reflective::MofError);

```

```

void modify_data_resource (
    in WarehouseDeployment::DataResource data_resource,
    in MDDB::Schema schema,
    in WarehouseDeployment::DataResource new_data_resource)
    raises (Reflective::NotFound, Reflective::MofError);
void modify_schema (
    in WarehouseDeployment::DataResource data_resource,
    in MDDB::Schema schema,
    in MDDB::Schema new_schema)
    raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in WarehouseDeployment::DataResource data_resource,
    in MDDB::Schema schema)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface DataResourceOwnsSchemas

struct DimensionReferencesDimensionsLink
{
    MDDB::Dimension dimension;
    MDDB::Dimension referenced_dimension;
};
typedef sequence<DimensionReferencesDimensionsLink>
DimensionReferencesDimensionsLinkSet;

interface DimensionReferencesDimensions : Reflective::RefAssociation
{
    DimensionReferencesDimensionsLinkSet
all_dimension_references_dimensions_links()
    raises (Reflective::MofError);
    boolean exists (
        in MDDB::Dimension dimension,
        in MDDB::Dimension referenced_dimension)
        raises (Reflective::MofError);
    DimensionSet dimension (in MDDB::Dimension referenced_dimension)
        raises (Reflective::MofError);
    DimensionSet referenced_dimension (in MDDB::Dimension dimension)
        raises (Reflective::MofError);
    void add (
        in MDDB::Dimension dimension,
        in MDDB::Dimension referenced_dimension)
        raises (Reflective::MofError);
    void modify_dimension (
        in MDDB::Dimension dimension,
        in MDDB::Dimension referenced_dimension,
        in MDDB::Dimension new_dimension)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_referenced_dimension (
        in MDDB::Dimension dimension,
        in MDDB::Dimension referenced_dimension,
        in MDDB::Dimension new_referenced_dimension)
        raises (Reflective::NotFound, Reflective::MofError);

```

```
void remove (  
    in MDDB::Dimension dimension,  
    in MDDB::Dimension referenced_dimension)  
    raises (Reflective::NotFound, Reflective::MofError);  
}; // end of interface DimensionReferencesDimensions  
  
interface MDDBPackageFactory  
{  
    MDDBPackage create_mddb_package ()  
        raises (Reflective::MofError);  
};  
  
interface MDDBPackage : Reflective::RefPackage  
{  
    readonly attribute DimensionClass dimension_ref;  
    readonly attribute DimensionedObjectClass dimensioned_object_ref;  
    readonly attribute SchemaClass schema_ref;  
    readonly attribute DimensionReferencesDimensionedObjects  
dimension_references_dimensioned_objects_ref;  
    readonly attribute DataResourceOwnsSchemas  
data_resource_owns_schemas_ref;  
    readonly attribute DimensionReferencesDimensions  
dimension_references_dimensions_ref;  
};  
};  
  
#endif
```

## 2.6 *Olap.idl*

```

#ifndef OLAP_IDL
#define OLAP_IDL
#pragma prefix "org.omg.cwm"
#include "Reflective.idl"
#include "Foundation.idl"
#include "ModelManagement.idl"
#include "Transformation.idl"
#include "CWMFoundation.idl"

module Olap
{
    interface CubeClass;
    interface Cube;
    typedef sequence<Cube> CubeSet;
    interface CubeDimensionAssociationClass;
    interface CubeDimensionAssociation;
    typedef sequence<CubeDimensionAssociation> CubeDimensionAssociationSet;
    interface CubeRegionClass;
    interface CubeRegion;
    typedef sequence<CubeRegion> CubeRegionSet;
    interface DimensionClass;
    interface Dimension;
    typedef sequence<Dimension> DimensionSet;
    interface DimensionMapClass;
    interface DimensionMap;
    typedef sequence<DimensionMap> DimensionMapSet;
    interface HierarchyClass;
    interface Hierarchy;
    typedef sequence<Hierarchy> HierarchySet;
    interface HierarchyLevelAssociationClass;
    interface HierarchyLevelAssociation;
    typedef sequence<HierarchyLevelAssociation> HierarchyLevelAssociationSet;
    interface HierarchyMapClass;
    interface HierarchyMap;
    typedef sequence<HierarchyMap> HierarchyMapSet;
    interface LevelBasedHierarchyClass;
    interface LevelBasedHierarchy;
    typedef sequence<LevelBasedHierarchy> LevelBasedHierarchySet;
    interface LevelMapClass;
    interface LevelMap;
    typedef sequence<LevelMap> LevelMapSet;
    interface MeasureClass;
    interface Measure;
    typedef sequence<Measure> MeasureSet;
    interface SchemaClass;
    interface Schema;
    typedef sequence<Schema> SchemaSet;
    interface StructureMapClass;

```

```

interface StructureMap;
typedef sequence<StructureMap> StructureMapSet;
interface ValueBasedHierarchyClass;
interface ValueBasedHierarchy;
typedef sequence<ValueBasedHierarchy> ValueBasedHierarchySet;
interface MemberSelectionClass;
interface MemberSelection;
typedef sequence<MemberSelection> MemberSelectionSet;
interface LevelClass;
interface Level;
typedef sequence<Level> LevelSet;
interface CodedLevelClass;
interface CodedLevel;
typedef sequence<CodedLevel> CodedLevelSet;
interface OlapPackage;

interface CubeClass : Foundation::Core::ClassClass
{
    readonly attribute CubeSet all_of_type_cube;
    readonly attribute CubeSet all_of_class_cube;
    Cube create_cube (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract,
        in boolean is_active,
        in boolean is_virtual)
        raises (Reflective::MofError);
};

interface Cube : CubeClass, Foundation::Core::Class
{
    boolean is_virtual ()
        raises (Reflective::MofError);
    void set_is_virtual (in boolean new_value)
        raises (Reflective::MofError);
}; // end of interface Cube

interface CubeDimensionAssociationClass : Foundation::Core::ClassClass
{
    readonly attribute CubeDimensionAssociationSet
all_of_type_cube_dimension_association;
    readonly attribute CubeDimensionAssociationSet
all_of_class_cube_dimension_association;
    CubeDimensionAssociation create_cube_dimension_association (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,

```

```

        in boolean is_leaf,
        in boolean is_abstract,
        in boolean is_active)
        raises (Reflective::MofError);
    };

    interface CubeDimensionAssociation : CubeDimensionAssociationClass,
    Foundation::Core::Class
    {
        Dimension association ()
        raises (Reflective::MofError);
        void set_association (in Dimension new_value)
        raises (Reflective::MofError);
        Hierarchy calc_hierarchy ()
        raises (Reflective::NotSet, Reflective::MofError);
        void set_calc_hierarchy (in Hierarchy new_value)
        raises (Reflective::MofError);
        void unset_calc_hierarchy ()
        raises (Reflective::MofError);
    }; // end of interface CubeDimensionAssociation

    interface CubeRegionClass : Foundation::Core::ClassClass
    {
        readonly attribute CubeRegionSet all_of_type_cube_region;
        readonly attribute CubeRegionSet all_of_class_cube_region;
        CubeRegion create_cube_region (
            in Foundation::DataTypes::Name name,
            in Foundation::DataTypes::VisibilityKind visibility,
            in boolean is_specification,
            in boolean is_root,
            in boolean is_leaf,
            in boolean is_abstract,
            in boolean is_active,
            in boolean is_read_only,
            in CWMFoundation::ExpressionNode formula)
        raises (Reflective::MofError);
    };

    interface CubeRegion : CubeRegionClass, Foundation::Core::Class
    {
        boolean is_read_only ()
        raises (Reflective::MofError);
        void set_is_read_only (in boolean new_value)
        raises (Reflective::MofError);
        CWMFoundation::ExpressionNode formula ()
        raises (Reflective::MofError);
        void set_formula (in CWMFoundation::ExpressionNode new_value)
        raises (Reflective::MofError);
        MemberSelectionSet member_selection ()
        raises (Reflective::MofError);
        void set_member_selection (in MemberSelectionSet new_value)

```

```

        raises (Reflective::MofError);
void unset_member_selection ()
    raises (Reflective::MofError);
void add_member_selection (in MemberSelection new_element)
    raises (Reflective::MofError);
void modify_member_selection (
    in MemberSelection old_element,
    in MemberSelection new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_member_selection (in MemberSelection old_element)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface CubeRegion

```

```

interface DimensionClass : Foundation::Core::ClassClass
{
    readonly attribute DimensionSet all_of_type_dimension;
    readonly attribute DimensionSet all_of_class_dimension;
    Dimension create_dimension (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract,
        in boolean is_active,
        in boolean is_time,
        in boolean is_measure)
        raises (Reflective::MofError);
};

```

```

interface Dimension : DimensionClass, Foundation::Core::Class
{
    boolean is_time ()
        raises (Reflective::MofError);
    void set_is_time (in boolean new_value)
        raises (Reflective::MofError);
    boolean is_measure ()
        raises (Reflective::MofError);
    void set_is_measure (in boolean new_value)
        raises (Reflective::MofError);
    Hierarchy display_default ()
        raises (Reflective::NotSet, Reflective::MofError);
    void set_display_default (in Hierarchy new_value)
        raises (Reflective::MofError);
    void unset_display_default ()
        raises (Reflective::MofError);
}; // end of interface Dimension

```

```

interface DimensionMapClass : Transformation::TransformationMapClass
{
    readonly attribute DimensionMapSet all_of_type_dimension_map;

```

```

    readonly attribute DimensionMapSet all_of_class_dimension_map;
    DimensionMap create_dimension_map (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in Foundation::DataTypes::ProcedureExpression function,
        in string function_description,
        in boolean is_primary)
        raises (Reflective::MofError);
};

interface DimensionMap : DimensionMapClass,
Transformation::TransformationMap
{
}; // end of interface DimensionMap

interface HierarchyClass : Foundation::Core::ClassClass
{
    readonly attribute HierarchySet all_of_type_hierarchy;
};

interface Hierarchy : HierarchyClass, Foundation::Core::Class
{
}; // end of interface Hierarchy

interface HierarchyLevelAssociationClass : Foundation::Core::ClassClass
{
    readonly attribute HierarchyLevelAssociationSet
all_of_type_hierarchy_level_association;
    readonly attribute HierarchyLevelAssociationSet
all_of_class_hierarchy_level_association;
    HierarchyLevelAssociation create_hierarchy_level_association (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract,
        in boolean is_active)
        raises (Reflective::MofError);
};

interface HierarchyLevelAssociation : HierarchyLevelAssociationClass,
Foundation::Core::Class
{
    Level parent ()
        raises (Reflective::NotSet, Reflective::MofError);
    void set_parent (in Level new_value)
        raises (Reflective::MofError);
    void unset_parent ()
        raises (Reflective::MofError);
};

```

```

Level child ()
    raises (Reflective::MofError);
void set_child (in Level new_value)
    raises (Reflective::MofError);
LevelMapSet list_of_values ()
    raises (Reflective::MofError);
void set_list_of_values (in LevelMapSet new_value)
    raises (Reflective::MofError);
void add_list_of_values (in LevelMap new_element)
    raises (Reflective::MofError);
void modify_list_of_values (
    in LevelMap old_element,
    in LevelMap new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_list_of_values (in LevelMap old_element)
    raises (Reflective::NotFound, Reflective::MofError);
StructureMapSet immediate_parent ()
    raises (Reflective::MofError);
void set_immediate_parent (in StructureMapSet new_value)
    raises (Reflective::MofError);
void add_immediate_parent (in StructureMap new_element)
    raises (Reflective::MofError);
void modify_immediate_parent (
    in StructureMap old_element,
    in StructureMap new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_immediate_parent (in StructureMap old_element)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface HierarchyLevelAssociation

interface HierarchyMapClass : Transformation::TransformationMapClass
{
    readonly attribute HierarchyMapSet all_of_type_hierarchy_map;
};

interface HierarchyMap : HierarchyMapClass,
Transformation::TransformationMap
{
}; // end of interface HierarchyMap

interface LevelBasedHierarchyClass : HierarchyClass
{
    readonly attribute LevelBasedHierarchySet all_of_type_level_based_hierarchy;
    readonly attribute LevelBasedHierarchySet all_of_class_level_based_hierarchy;
    LevelBasedHierarchy create_level_based_hierarchy (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract,

```

```

        in boolean is_active)
        raises (Reflective::MofError);
    };

interface LevelBasedHierarchy : LevelBasedHierarchyClass, Hierarchy
{
}; // end of interface LevelBasedHierarchy

interface LevelMapClass : HierarchyMapClass
{
    readonly attribute LevelMapSet all_of_type_level_map;
    readonly attribute LevelMapSet all_of_class_level_map;
    LevelMap create_level_map (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in Foundation::DataTypes::ProcedureExpression function,
        in string function_description,
        in boolean is_primary)
        raises (Reflective::MofError);
    };

interface LevelMap : LevelMapClass, HierarchyMap
{
    HierarchyLevelAssociation hierarchy_level_association ()
        raises (Reflective::MofError);
    void set_hierarchy_level_association (in HierarchyLevelAssociation new_value)
        raises (Reflective::MofError);
}; // end of interface LevelMap

interface MeasureClass : Foundation::Core::UmlAttributeClass
{
    readonly attribute MeasureSet all_of_type_measure;
    readonly attribute MeasureSet all_of_class_measure;
    Measure create_measure (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in Foundation::DataTypes::ScopeKind owner_scope,
        in Foundation::DataTypes::Multiplicity multiplicity,
        in Foundation::DataTypes::ChangeableKind changeability,
        in Foundation::DataTypes::ScopeKind target_scope,
        in Foundation::DataTypes::Expression initial_value)
        raises (Reflective::MofError);
    };

interface Measure : MeasureClass, Foundation::Core::UmlAttribute
{
}; // end of interface Measure

interface SchemaClass : ModelManagement::PackageClass

```

```

{
  readonly attribute SchemaSet all_of_type_schema;
  readonly attribute SchemaSet all_of_class_schema;
  Schema create_schema (
    in Foundation::DataTypes::Name name,
    in Foundation::DataTypes::VisibilityKind visibility,
    in boolean is_specification,
    in boolean is_root,
    in boolean is_leaf,
    in boolean is_abstract)
    raises (Reflective::MofError);
};

interface Schema : SchemaClass, ModelManagement::Package
{
}; // end of interface Schema

interface StructureMapClass : HierarchyMapClass
{
  readonly attribute StructureMapSet all_of_type_structure_map;
  readonly attribute StructureMapSet all_of_class_structure_map;
  StructureMap create_structure_map (
    in Foundation::DataTypes::Name name,
    in Foundation::DataTypes::VisibilityKind visibility,
    in boolean is_specification,
    in Foundation::DataTypes::ProcedureExpression function,
    in string function_description,
    in boolean is_primary)
    raises (Reflective::MofError);
};

interface StructureMap : StructureMapClass, HierarchyMap
{
  ValueBasedHierarchy hierarchy ()
    raises (Reflective::MofError);
  void set_hierarchy (in ValueBasedHierarchy new_value)
    raises (Reflective::MofError);
  HierarchyLevelAssociation hierarchy_association ()
    raises (Reflective::MofError);
  void set_hierarchy_association (in HierarchyLevelAssociation new_value)
    raises (Reflective::MofError);
}; // end of interface StructureMap

interface ValueBasedHierarchyClass : HierarchyClass
{
  readonly attribute ValueBasedHierarchySet all_of_type_value_based_hierarchy;
  readonly attribute ValueBasedHierarchySet all_of_class_value_based_hierarchy;
  ValueBasedHierarchy create_value_based_hierarchy (
    in Foundation::DataTypes::Name name,
    in Foundation::DataTypes::VisibilityKind visibility,
    in boolean is_specification,

```

```

        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract,
        in boolean is_active)
        raises (Reflective::MofError);
    };

interface ValueBasedHierarchy : ValueBasedHierarchyClass, Hierarchy
{
    StructureMapSet immediate_parent ()
        raises (Reflective::MofError);
    void set_immediate_parent (in StructureMapSet new_value)
        raises (Reflective::MofError);
    void add_immediate_parent (in StructureMap new_element)
        raises (Reflective::MofError);
    void modify_immediate_parent (
        in StructureMap old_element,
        in StructureMap new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_immediate_parent (in StructureMap old_element)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ValueBasedHierarchy

interface MemberSelectionClass : Foundation::Core::ClassClass
{
    readonly attribute MemberSelectionSet all_of_type_member_selection;
    readonly attribute MemberSelectionSet all_of_class_member_selection;
    MemberSelection create_member_selection (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract,
        in boolean is_active,
        in CWMFoundation::ExpressionNode formula)
        raises (Reflective::MofError);
    };

interface MemberSelection : MemberSelectionClass, Foundation::Core::Class
{
    CWMFoundation::ExpressionNode formula ()
        raises (Reflective::MofError);
    void set_formula (in CWMFoundation::ExpressionNode new_value)
        raises (Reflective::MofError);
    CubeRegionSet cube_region ()
        raises (Reflective::MofError);
    void set_cube_region (in CubeRegionSet new_value)
        raises (Reflective::MofError);
    void unset_cube_region ()
        raises (Reflective::MofError);
};

```

```

void add_cube_region (in CubeRegion new_element)
    raises (Reflective::MofError);
void modify_cube_region (
    in CubeRegion old_element,
    in CubeRegion new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_cube_region (in CubeRegion old_element)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface MemberSelection

interface LevelClass : MemberSelectionClass
{
    readonly attribute LevelSet all_of_type_level;
    readonly attribute LevelSet all_of_class_level;
    Level create_level (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract,
        in boolean is_active,
        in CWMFoundation::ExpressionNode formula)
        raises (Reflective::MofError);
};

interface Level : LevelClass, MemberSelection
{
    HierarchyLevelAssociationSet association ()
        raises (Reflective::MofError);
    void set_association (in HierarchyLevelAssociationSet new_value)
        raises (Reflective::MofError);
    void unset_association ()
        raises (Reflective::MofError);
    void add_association (in HierarchyLevelAssociation new_element)
        raises (Reflective::MofError);
    void modify_association (
        in HierarchyLevelAssociation old_element,
        in HierarchyLevelAssociation new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_association (in HierarchyLevelAssociation old_element)
        raises (Reflective::NotFound, Reflective::MofError);
    HierarchyLevelAssociationSet association1 ()
        raises (Reflective::MofError);
    void set_association1 (in HierarchyLevelAssociationSet new_value)
        raises (Reflective::MofError);
    void unset_association1 ()
        raises (Reflective::MofError);
    void add_association1 (in HierarchyLevelAssociation new_element)
        raises (Reflective::MofError);
    void modify_association1 (

```

```

        in HierarchyLevelAssociation old_element,
        in HierarchyLevelAssociation new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_association1 (in HierarchyLevelAssociation old_element)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface Level

interface CodedLevelClass : LevelClass
{
    readonly attribute CodedLevelSet all_of_type_coded_level;
    readonly attribute CodedLevelSet all_of_class_coded_level;
    CodedLevel create_coded_level (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract,
        in boolean is_active,
        in CWMFoundation::ExpressionNode formula,
        in CWMFoundation::ExpressionNode encoding)
        raises (Reflective::MofError);
};

interface CodedLevel : CodedLevelClass, Level
{
    CWMFoundation::ExpressionNode encoding ()
        raises (Reflective::MofError);
    void set_encoding (in CWMFoundation::ExpressionNode new_value)
        raises (Reflective::MofError);
}; // end of interface CodedLevel

struct HierarchyLevelAssociationReferencesParentLevelLink
{
    HierarchyLevelAssociation association;
    Level parent;
};
typedef sequence<HierarchyLevelAssociationReferencesParentLevelLink>
HierarchyLevelAssociationReferencesParentLevelLinkSet;

interface HierarchyLevelAssociationReferencesParentLevel :
Reflective::RefAssociation
{
    HierarchyLevelAssociationReferencesParentLevelLinkSet
all_hierarchy_level_association_references_parent_level_links()
    raises (Reflective::MofError);
    boolean exists (
        in HierarchyLevelAssociation association,
        in Level parent)
        raises (Reflective::MofError);
    HierarchyLevelAssociationSet association (in Level parent)

```

```

    raises (Reflective::MofError);
Level parent (in HierarchyLevelAssociation association)
    raises (Reflective::MofError);
void add (
    in HierarchyLevelAssociation association,
    in Level parent)
    raises (Reflective::MofError);
void modify_association (
    in HierarchyLevelAssociation association,
    in Level parent,
    in HierarchyLevelAssociation new_association)
    raises (Reflective::NotFound, Reflective::MofError);
void modify_parent (
    in HierarchyLevelAssociation association,
    in Level parent,
    in Level new_parent)
    raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in HierarchyLevelAssociation association,
    in Level parent)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface HierarchyLevelAssociationReferencesParentLevel

struct HierarchyLevelAssociationReferencesChildLevelLink
{
    Level child;
    HierarchyLevelAssociation association;
};
typedef sequence<HierarchyLevelAssociationReferencesChildLevelLink>
HierarchyLevelAssociationReferencesChildLevelLinkSet;

interface HierarchyLevelAssociationReferencesChildLevel :
Reflective::RefAssociation
{
    HierarchyLevelAssociationReferencesChildLevelLinkSet
all_hierarchy_level_association_references_child_level_links()
    raises (Reflective::MofError);
    boolean exists (
        in Level child,
        in HierarchyLevelAssociation association)
        raises (Reflective::MofError);
    Level child (in HierarchyLevelAssociation association)
        raises (Reflective::MofError);
    HierarchyLevelAssociationSet association (in Level child)
        raises (Reflective::MofError);
    void add (
        in Level child,
        in HierarchyLevelAssociation association)
        raises (Reflective::MofError);
    void modify_child (
        in Level child,

```

```

        in HierarchyLevelAssociation association,
        in Level new_child)
        raises (Reflective::NotFound, Reflective::MofError);
void modify_association (
    in Level child,
    in HierarchyLevelAssociation association,
    in HierarchyLevelAssociation new_association)
    raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in Level child,
    in HierarchyLevelAssociation association)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface HierarchyLevelAssociationReferencesChildLevel

struct HierarchyLevelAssociationOwnsLevelMapsLink
{
    HierarchyLevelAssociation hierarchy_level_association;
    LevelMap list_of_values;
};
typedef sequence<HierarchyLevelAssociationOwnsLevelMapsLink>
HierarchyLevelAssociationOwnsLevelMapsLinkSet;

interface HierarchyLevelAssociationOwnsLevelMaps : Reflective::RefAssociation
{
    HierarchyLevelAssociationOwnsLevelMapsLinkSet
all_hierarchy_level_association_owns_level_maps_links()
    raises (Reflective::MofError);
    boolean exists (
        in HierarchyLevelAssociation hierarchy_level_association,
        in LevelMap list_of_values)
        raises (Reflective::MofError);
    HierarchyLevelAssociation hierarchy_level_association (in LevelMap
list_of_values)
        raises (Reflective::MofError);
    LevelMapSet list_of_values (in HierarchyLevelAssociation
hierarchy_level_association)
        raises (Reflective::MofError);
    void add (
        in HierarchyLevelAssociation hierarchy_level_association,
        in LevelMap list_of_values)
        raises (Reflective::MofError);
    void modify_hierarchy_level_association (
        in HierarchyLevelAssociation hierarchy_level_association,
        in LevelMap list_of_values,
        in HierarchyLevelAssociation new_hierarchy_level_association)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_list_of_values (
        in HierarchyLevelAssociation hierarchy_level_association,
        in LevelMap list_of_values,
        in LevelMap new_list_of_values)
        raises (Reflective::NotFound, Reflective::MofError);

```

```

void remove (
    in HierarchyLevelAssociation hierarchy_level_association,
    in LevelMap list_of_values)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface HierarchyLevelAssociationOwnsLevelMaps

struct ValueBasedHierarchyOwnsStructureMapsLink
{
    ValueBasedHierarchy hierarchy;
    StructureMap immediate_parent;
};
typedef sequence<ValueBasedHierarchyOwnsStructureMapsLink>
ValueBasedHierarchyOwnsStructureMapsLinkSet;

interface ValueBasedHierarchyOwnsStructureMaps : Reflective::RefAssociation
{
    ValueBasedHierarchyOwnsStructureMapsLinkSet
all_value_based_hierarchy_owns_structure_maps_links()
    raises (Reflective::MofError);
    boolean exists (
        in ValueBasedHierarchy hierarchy,
        in StructureMap immediate_parent)
        raises (Reflective::MofError);
    ValueBasedHierarchy hierarchy (in StructureMap immediate_parent)
        raises (Reflective::MofError);
    StructureMapSet immediate_parent (in ValueBasedHierarchy hierarchy)
        raises (Reflective::MofError);
    void add (
        in ValueBasedHierarchy hierarchy,
        in StructureMap immediate_parent)
        raises (Reflective::MofError);
    void modify_hierarchy (
        in ValueBasedHierarchy hierarchy,
        in StructureMap immediate_parent,
        in ValueBasedHierarchy new_hierarchy)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_immediate_parent (
        in ValueBasedHierarchy hierarchy,
        in StructureMap immediate_parent,
        in StructureMap new_immediate_parent)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in ValueBasedHierarchy hierarchy,
        in StructureMap immediate_parent)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ValueBasedHierarchyOwnsStructureMaps

struct CubeDimensionAssociationReferencesDimensionLink
{
    Olap::Dimension association;
    CubeDimensionAssociation dimension;

```

```

};
typedef sequence<CubeDimensionAssociationReferencesDimensionLink>
CubeDimensionAssociationReferencesDimensionLinkSet;

interface CubeDimensionAssociationReferencesDimension :
Reflective::RefAssociation
{
    CubeDimensionAssociationReferencesDimensionLinkSet
all_cube_dimension_association_references_dimension_links()
    raises (Reflective::MofError);
    boolean exists (
        in Olap::Dimension association,
        in CubeDimensionAssociation dimension)
    raises (Reflective::MofError);
    Olap::Dimension association (in CubeDimensionAssociation dimension)
    raises (Reflective::MofError);
    CubeDimensionAssociationSet dimension (in Olap::Dimension association)
    raises (Reflective::MofError);
    void add (
        in Olap::Dimension association,
        in CubeDimensionAssociation dimension)
    raises (Reflective::MofError);
    void modify_association (
        in Olap::Dimension association,
        in CubeDimensionAssociation dimension,
        in Olap::Dimension new_association)
    raises (Reflective::NotFound, Reflective::MofError);
    void modify_dimension (
        in Olap::Dimension association,
        in CubeDimensionAssociation dimension,
        in CubeDimensionAssociation new_dimension)
    raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in Olap::Dimension association,
        in CubeDimensionAssociation dimension)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface CubeDimensionAssociationReferencesDimension

struct HierarchyLevelAssociationOwnsStructureMapsLink
{
    HierarchyLevelAssociation hierarchy_association;
    StructureMap immediate_parent;
};
typedef sequence<HierarchyLevelAssociationOwnsStructureMapsLink>
HierarchyLevelAssociationOwnsStructureMapsLinkSet;

interface HierarchyLevelAssociationOwnsStructureMaps :
Reflective::RefAssociation
{
    HierarchyLevelAssociationOwnsStructureMapsLinkSet
all_hierarchy_level_association_owns_structure_maps_links()

```

```

        raises (Reflective::MofError);
    boolean exists (
        in HierarchyLevelAssociation hierarchy_association,
        in StructureMap immediate_parent)
        raises (Reflective::MofError);
    HierarchyLevelAssociation hierarchy_association (in StructureMap
immediate_parent)
        raises (Reflective::MofError);
    StructureMapSet immediate_parent (in HierarchyLevelAssociation
hierarchy_association)
        raises (Reflective::MofError);
    void add (
        in HierarchyLevelAssociation hierarchy_association,
        in StructureMap immediate_parent)
        raises (Reflective::MofError);
    void modify_hierarchy_association (
        in HierarchyLevelAssociation hierarchy_association,
        in StructureMap immediate_parent,
        in HierarchyLevelAssociation new_hierarchy_association)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_immediate_parent (
        in HierarchyLevelAssociation hierarchy_association,
        in StructureMap immediate_parent,
        in StructureMap new_immediate_parent)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in HierarchyLevelAssociation hierarchy_association,
        in StructureMap immediate_parent)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface HierarchyLevelAssociationOwnsStructureMaps

struct DimensionHasDefaultHierarchyLink
{
    Hierarchy display_default;
    Olap::Dimension dimension;
};
typedef sequence<DimensionHasDefaultHierarchyLink>
DimensionHasDefaultHierarchyLinkSet;

interface DimensionHasDefaultHierarchy : Reflective::RefAssociation
{
    DimensionHasDefaultHierarchyLinkSet
all_dimension_has_default_hierarchy_links()
        raises (Reflective::MofError);
    boolean exists (
        in Hierarchy display_default,
        in Olap::Dimension dimension)
        raises (Reflective::MofError);
    Hierarchy display_default (in Olap::Dimension dimension)
        raises (Reflective::MofError);
    Olap::Dimension dimension (in Hierarchy display_default)

```

```

    raises (Reflective::MofError);
void add (
    in Hierarchy display_default,
    in Olap::Dimension dimension)
    raises (Reflective::MofError);
void modify_display_default (
    in Hierarchy display_default,
    in Olap::Dimension dimension,
    in Hierarchy new_display_default)
    raises (Reflective::NotFound, Reflective::MofError);
void modify_dimension (
    in Hierarchy display_default,
    in Olap::Dimension dimension,
    in Olap::Dimension new_dimension)
    raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in Hierarchy display_default,
    in Olap::Dimension dimension)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface DimensionHasDefaultHierarchy

struct CubeDimensionAssociationHasCalcHierarchyLink
{
    Hierarchy calc_hierarchy;
    CubeDimensionAssociation cube_dimension_association;
};
typedef sequence<CubeDimensionAssociationHasCalcHierarchyLink>
CubeDimensionAssociationHasCalcHierarchyLinkSet;

interface CubeDimensionAssociationHasCalcHierarchy :
Reflective::RefAssociation
{
    CubeDimensionAssociationHasCalcHierarchyLinkSet
all_cube_dimension_association_has_calc_hierarchy_links()
    raises (Reflective::MofError);
    boolean exists (
        in Hierarchy calc_hierarchy,
        in CubeDimensionAssociation cube_dimension_association)
        raises (Reflective::MofError);
    Hierarchy calc_hierarchy (in CubeDimensionAssociation
cube_dimension_association)
        raises (Reflective::MofError);
    CubeDimensionAssociationSet cube_dimension_association (in Hierarchy
calc_hierarchy)
        raises (Reflective::MofError);
    void add (
        in Hierarchy calc_hierarchy,
        in CubeDimensionAssociation cube_dimension_association)
        raises (Reflective::MofError);
    void modify_calc_hierarchy (
        in Hierarchy calc_hierarchy,

```

```

        in CubeDimensionAssociation cube_dimension_association,
        in Hierarchy new_calc_hierarchy)
        raises (Reflective::NotFound, Reflective::MofError);
void modify_cube_dimension_association (
    in Hierarchy calc_hierarchy,
    in CubeDimensionAssociation cube_dimension_association,
    in CubeDimensionAssociation new_cube_dimension_association)
    raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in Hierarchy calc_hierarchy,
    in CubeDimensionAssociation cube_dimension_association)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface CubeDimensionAssociationHasCalcHierarchy

struct CubeRegionReferencesMemberSelectionsLink
{
    MemberSelection member_selection;
    CubeRegion cube_region;
};
typedef sequence<CubeRegionReferencesMemberSelectionsLink>
CubeRegionReferencesMemberSelectionsLinkSet;

interface CubeRegionReferencesMemberSelections : Reflective::RefAssociation
{
    CubeRegionReferencesMemberSelectionsLinkSet
all_cube_region_references_member_selections_links()
    raises (Reflective::MofError);
    boolean exists (
        in MemberSelection member_selection,
        in CubeRegion cube_region)
        raises (Reflective::MofError);
    MemberSelectionSet member_selection (in CubeRegion cube_region)
        raises (Reflective::MofError);
    CubeRegionSet cube_region (in MemberSelection member_selection)
        raises (Reflective::MofError);
    void add (
        in MemberSelection member_selection,
        in CubeRegion cube_region)
        raises (Reflective::MofError);
    void modify_member_selection (
        in MemberSelection member_selection,
        in CubeRegion cube_region,
        in MemberSelection new_member_selection)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_cube_region (
        in MemberSelection member_selection,
        in CubeRegion cube_region,
        in CubeRegion new_cube_region)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in MemberSelection member_selection,

```

```

        in CubeRegion cube_region)
        raises (Reflective::NotFound, Reflective::MofError);
    }; // end of interface CubeRegionReferencesMemberSelections

    interface OlapPackageFactory
    {
        OlapPackage create_olap_package ()
        raises (Reflective::MofError);
    };

    interface OlapPackage : Reflective::RefPackage
    {
        readonly attribute CubeClass cube_ref;
        readonly attribute CubeDimensionAssociationClass
cube_dimension_association_ref;
        readonly attribute CubeRegionClass cube_region_ref;
        readonly attribute DimensionClass dimension_ref;
        readonly attribute DimensionMapClass dimension_map_ref;
        readonly attribute HierarchyClass hierarchy_ref;
        readonly attribute HierarchyLevelAssociationClass
hierarchy_level_association_ref;
        readonly attribute HierarchyMapClass hierarchy_map_ref;
        readonly attribute LevelBasedHierarchyClass level_based_hierarchy_ref;
        readonly attribute LevelMapClass level_map_ref;
        readonly attribute MeasureClass measure_ref;
        readonly attribute SchemaClass schema_ref;
        readonly attribute StructureMapClass structure_map_ref;
        readonly attribute ValueBasedHierarchyClass value_based_hierarchy_ref;
        readonly attribute MemberSelectionClass member_selection_ref;
        readonly attribute LevelClass level_ref;
        readonly attribute CodedLevelClass coded_level_ref;
        readonly attribute HierarchyLevelAssociationReferencesParentLevel
hierarchy_level_association_references_parent_level_ref;
        readonly attribute HierarchyLevelAssociationReferencesChildLevel
hierarchy_level_association_references_child_level_ref;
        readonly attribute HierarchyLevelAssociationOwnsLevelMaps
hierarchy_level_association_owns_level_maps_ref;
        readonly attribute ValueBasedHierarchyOwnsStructureMaps
value_based_hierarchy_owns_structure_maps_ref;
        readonly attribute CubeDimensionAssociationReferencesDimension
cube_dimension_association_references_dimension_ref;
        readonly attribute HierarchyLevelAssociationOwnsStructureMaps
hierarchy_level_association_owns_structure_maps_ref;
        readonly attribute DimensionHasDefaultHierarchy
dimension_has_default_hierarchy_ref;
        readonly attribute CubeDimensionAssociationHasCalcHierarchy
cube_dimension_association_has_calc_hierarchy_ref;
        readonly attribute CubeRegionReferencesMemberSelections
cube_region_references_member_selections_ref;
    };
};

```

---

**#endif**

## 2.7 XML.idl

```

#ifndef XML_IDL
#define XML_IDL
#pragma prefix "org.omg.cwm"
#include "Reflective.idl"
#include "Foundation.idl"
#include "ModelManagement.idl"

module XML
{
    interface SchemaClass;
    interface Schema;
    typedef sequence<Schema> SchemaSet;
    interface ElementTypeClass;
    interface ElementType;
    typedef sequence<ElementType> ElementTypeSet;
    interface XmlAttributeClass;
    interface XmlAttribute;
    typedef sequence<XmlAttribute> XmlAttributeSet;
    interface ContentClass;
    interface Content;
    typedef sequence<Content> ContentSet;
    interface ElementContentClass;
    interface ElementContent;
    typedef sequence<ElementContent> ElementContentSet;
    interface MixedContentClass;
    interface MixedContent;
    typedef sequence<MixedContent> MixedContentSet;
    interface XMLPackage;
    enum AttributeDefault {xml_required, xml_implied, xml_default, xml_fixed};
    enum ContentType {xml_empty, xml_any, xml_mixed, xml_element};
    enum OccurrenceType {xml_one, xml_zeroOrOne, xml_zeroOrMore,
xml_oneOrMore};
    enum ElementContentType {xml_choice, xml_sequence};

    interface SchemaClass : ModelManagement::PackageClass
    {
        readonly attribute SchemaSet all_of_type_schema;
        readonly attribute SchemaSet all_of_class_schema;
        Schema create_schema (
            in Foundation::DataTypes::Name name,
            in Foundation::DataTypes::VisibilityKind visibility,
            in boolean is_specification,
            in boolean is_root,
            in boolean is_leaf,
            in boolean is_abstract,
            in string version,
            in string xml_namespace)
            raises (Reflective::MofError);
    }
}

```

```

};

interface Schema : SchemaClass, ModelManagement::Package
{
    string version ()
        raises (Reflective::MofError);
    void set_version (in string new_value)
        raises (Reflective::MofError);
    string xml_namespace ()
        raises (Reflective::MofError);
    void set_xml_namespace (in string new_value)
        raises (Reflective::MofError);
}; // end of interface Schema

interface ElementTypeClass : Foundation::Core::ClassClass
{
    readonly attribute ElementTypeSet all_of_type_element_type;
    readonly attribute ElementTypeSet all_of_class_element_type;
    ElementType create_element_type (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract,
        in boolean is_active)
        raises (Reflective::MofError);
};

interface ElementType : ElementTypeClass, Foundation::Core::Class
{
    XML::Content content ()
        raises (Reflective::NotSet, Reflective::MofError);
    void set_content (in XML::Content new_value)
        raises (Reflective::MofError);
    void unset_content ()
        raises (Reflective::MofError);
    ContentSet owner ()
        raises (Reflective::MofError);
    void set_owner (in ContentSet new_value)
        raises (Reflective::MofError);
    void unset_owner ()
        raises (Reflective::MofError);
    void add_owner (in XML::Content new_element)
        raises (Reflective::MofError);
    void modify_owner (
        in XML::Content old_element,
        in XML::Content new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_owner (in XML::Content old_element)
        raises (Reflective::NotFound, Reflective::MofError);
};

```

```

}; // end of interface ElementType

interface XmlAttributeClass : Foundation::Core::UmlAttributeClass
{
    readonly attribute XmlAttributeSet all_of_type_xml_attribute;
    readonly attribute XmlAttributeSet all_of_class_xml_attribute;
    XmlAttribute create_xml_attribute (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in Foundation::DataTypes::ScopeKind owner_scope,
        in Foundation::DataTypes::Multiplicity multiplicity,
        in Foundation::DataTypes::ChangeableKind changeability,
        in Foundation::DataTypes::ScopeKind target_scope,
        in Foundation::DataTypes::Expression initial_value,
        in AttributeDefault default_kind)
        raises (Reflective::MofError);
};

interface XmlAttribute : XmlAttributeClass, Foundation::Core::UmlAttribute
{
    AttributeDefault default_kind ()
        raises (Reflective::MofError);
    void set_default_kind (in AttributeDefault new_value)
        raises (Reflective::MofError);
}; // end of interface XmlAttribute

interface ContentClass : Foundation::Core::ModelElementClass
{
    readonly attribute ContentSet all_of_type_content;
    readonly attribute ContentSet all_of_class_content;
    Content create_content (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in ContentType content_type,
        in OccurrenceType occurrence)
        raises (Reflective::MofError);
};

interface Content : ContentClass, Foundation::Core::ModelElement
{
    ContentType content_type ()
        raises (Reflective::MofError);
    void set_content_type (in ContentType new_value)
        raises (Reflective::MofError);
    OccurrenceType occurrence ()
        raises (Reflective::MofError);
    void set_occurrence (in OccurrenceType new_value)
        raises (Reflective::MofError);
    ElementTypeSet element_type ()

```

```

        raises (Reflective::MofError);
void set_element_type (in ElementTypeSet new_value)
    raises (Reflective::MofError);
void unset_element_type ()
    raises (Reflective::MofError);
void add_element_type (in ElementType new_element)
    raises (Reflective::MofError);
void modify_element_type (
    in ElementType old_element,
    in ElementType new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_element_type (in ElementType old_element)
    raises (Reflective::NotFound, Reflective::MofError);
ElementTypeSet owned_element ()
    raises (Reflective::MofError);
void set_owned_element (in ElementTypeSet new_value)
    raises (Reflective::MofError);
void unset_owned_element ()
    raises (Reflective::MofError);
void add_owned_element (in ElementType new_element)
    raises (Reflective::MofError);
void modify_owned_element (
    in ElementType old_element,
    in ElementType new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_owned_element (in ElementType old_element)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface Content

interface ElementContentClass : ContentClass
{
    readonly attribute ElementContentSet all_of_type_element_content;
    readonly attribute ElementContentSet all_of_class_element_content;
    ElementContent create_element_content (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in ContentType content_type,
        in OccurrenceType occurrence,
        in ElementContentType element_content_type)
        raises (Reflective::MofError);
};

interface ElementContent : ElementContentClass, Content
{
    ElementContentType element_content_type ()
        raises (Reflective::MofError);
    void set_element_content_type (in ElementContentType new_value)
        raises (Reflective::MofError);
    ElementContentSet owned_content ()
        raises (Reflective::MofError);
};

```

```

void set_owned_content (in ElementContentSet new_value)
    raises (Reflective::MofError);
void unset_owned_content ()
    raises (Reflective::MofError);
void add_owned_content (in ElementContent new_element)
    raises (Reflective::MofError);
void modify_owned_content (
    in ElementContent old_element,
    in ElementContent new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_owned_content (in ElementContent old_element)
    raises (Reflective::NotFound, Reflective::MofError);
ElementContentSet owner ()
    raises (Reflective::MofError);
void set_owner (in ElementContentSet new_value)
    raises (Reflective::MofError);
void unset_owner ()
    raises (Reflective::MofError);
void add_owner (in ElementContent new_element)
    raises (Reflective::MofError);
void modify_owner (
    in ElementContent old_element,
    in ElementContent new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_owner (in ElementContent old_element)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ElementContent

interface MixedContentClass : ContentClass
{
    readonly attribute MixedContentSet all_of_type_mixed_content;
    readonly attribute MixedContentSet all_of_class_mixed_content;
    MixedContent create_mixed_content (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in ContentType content_type,
        in OccurrenceType occurrence)
        raises (Reflective::MofError);
};

interface MixedContent : MixedContentClass, Content
{
}; // end of interface MixedContent

struct ElementTypeContentLink
{
    XML::Content content;
    ElementType element_type;
};
typedef sequence<ElementTypeContentLink> ElementTypeContentLinkSet;

```

```

interface ElementTypeContent : Reflective::RefAssociation
{
  ElementTypeContentLinkSet all_element_type_content_links()
    raises (Reflective::MofError);
  boolean exists (
    in XML::Content content,
    in ElementType element_type)
    raises (Reflective::MofError);
  XML::Content content (in ElementType element_type)
    raises (Reflective::MofError);
  ElementTypeSet element_type (in XML::Content content)
    raises (Reflective::MofError);
  void add (
    in XML::Content content,
    in ElementType element_type)
    raises (Reflective::MofError);
  void modify_content (
    in XML::Content content,
    in ElementType element_type,
    in XML::Content new_content)
    raises (Reflective::NotFound, Reflective::MofError);
  void modify_element_type (
    in XML::Content content,
    in ElementType element_type,
    in ElementType new_element_type)
    raises (Reflective::NotFound, Reflective::MofError);
  void remove (
    in XML::Content content,
    in ElementType element_type)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ElementTypeContent

struct ContentElementTypeLink
{
  ElementType owned_element;
  Content owner;
};
typedef sequence<ContentElementTypeLink> ContentElementTypeLinkSet;

interface ContentElementType : Reflective::RefAssociation
{
  ContentElementTypeLinkSet all_content_element_type_links()
    raises (Reflective::MofError);
  boolean exists (
    in ElementType owned_element,
    in Content owner)
    raises (Reflective::MofError);
  ElementTypeSet owned_element (in Content owner)
    raises (Reflective::MofError);
  ContentSet owner (in ElementType owned_element)

```

```

        raises (Reflective::MofError);
void add (
    in ElementType owned_element,
    in Content owner)
    raises (Reflective::MofError);
void modify_owned_element (
    in ElementType owned_element,
    in Content owner,
    in ElementType new_owned_element)
    raises (Reflective::NotFound, Reflective::MofError);
void modify_owner (
    in ElementType owned_element,
    in Content owner,
    in Content new_owner)
    raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in ElementType owned_element,
    in Content owner)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ContentElementType

struct OwnedElementContentLink
{
    ElementContent owner;
    ElementContent owned_content;
};
typedef sequence<OwnedElementContentLink> OwnedElementContentLinkSet;

interface OwnedElementContent : Reflective::RefAssociation
{
    OwnedElementContentLinkSet all_owned_element_content_links()
        raises (Reflective::MofError);
    boolean exists (
        in ElementContent owner,
        in ElementContent owned_content)
        raises (Reflective::MofError);
    ElementContentSet owner (in ElementContent owned_content)
        raises (Reflective::MofError);
    ElementContentSet owned_content (in ElementContent owner)
        raises (Reflective::MofError);
    void add (
        in ElementContent owner,
        in ElementContent owned_content)
        raises (Reflective::MofError);
    void modify_owner (
        in ElementContent owner,
        in ElementContent owned_content,
        in ElementContent new_owner)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_owned_content (
        in ElementContent owner,

```

```

        in ElementContent owned_content,
        in ElementContent new_owned_content)
        raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in ElementContent owner,
    in ElementContent owned_content)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface OwnedElementContent

interface XMLPackageFactory
{
    XMLPackage create_xml_package ()
        raises (Reflective::MofError);
};

interface XMLPackage : Reflective::RefPackage
{
    readonly attribute SchemaClass schema_ref;
    readonly attribute ElementTypeClass element_type_ref;
    readonly attribute XmlAttributeClass xml_attribute_ref;
    readonly attribute ContentClass content_ref;
    readonly attribute ElementContentClass element_content_ref;
    readonly attribute MixedContentClass mixed_content_ref;
    readonly attribute ElementTypeContent element_type_content_ref;
    readonly attribute ContentElementType content_element_type_ref;
    readonly attribute OwnedElementContent owned_element_content_ref;
};
};

#endif

```

## 2.8 *Transformation.idl*

```

#ifndef TRANSFORMATION_IDL
#define TRANSFORMATION_IDL
#pragma prefix "org.omg.cwm"
#include "Reflective.idl"
#include "Foundation.idl"
#include "ModelManagement.idl"
#include "CWMFoundation.idl"

module Transformation
{
    typedef sequence<Foundation::Core::ModelElement> ModelElementSet;
    typedef sequence<Foundation::Core::Class> ClassSet;
    typedef sequence<Foundation::Core::UmlAttribute> UmlAttributeSet;
    interface TransformationClass;
    interface Transformation;
    typedef sequence<Transformation> TransformationSet;
    interface DataObjectSetClass;
    interface DataObjectSet;
    typedef sequence<DataObjectSet> DataObjectSetSet;
    interface TransformationTaskClass;
    interface TransformationTask;
    typedef sequence<TransformationTask> TransformationTaskSet;
    interface TransformationStepClass;
    interface TransformationStep;
    typedef sequence<TransformationStep> TransformationStepSet;
    interface TransformationActivityClass;
    interface TransformationActivity;
    typedef sequence<TransformationActivity> TransformationActivitySet;
    interface PrecedenceConstrainedByClass;
    interface PrecedenceConstrainedBy;
    typedef sequence<PrecedenceConstrainedBy> PrecedenceConstrainedBySet;
    interface TransformationConstrainedByClass;
    interface TransformationConstrainedBy;
    typedef sequence<TransformationConstrainedBy>
TransformationConstrainedBySet;
    interface TransformationUseClass;
    interface TransformationUse;
    typedef sequence<TransformationUse> TransformationUseSet;
    interface TransformationMapClass;
    interface TransformationMap;
    typedef sequence<TransformationMap> TransformationMapSet;
    interface TransformationTreeClass;
    interface TransformationTree;
    typedef sequence<TransformationTree> TransformationTreeSet;
    interface ClassMapClass;
    interface ClassMap;
    typedef sequence<ClassMap> ClassMapSet;
    interface AttributeMapClass;

```

```

interface AttributeMap;
typedef sequence<AttributeMap> AttributeMapSet;
interface TransformationPackage;
enum TreeType {unary, binary};

interface TransformationClass : Foundation::Core::NamespaceClass
{
    readonly attribute TransformationSet all_of_type_transformation;
    readonly attribute TransformationSet all_of_class_transformation;
    Transformation create_transformation (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in Foundation::DataTypes::ProcedureExpression function,
        in string function_description,
        in boolean is_primary)
        raises (Reflective::MofError);
};

interface Transformation : TransformationClass, Foundation::Core::Namespace
{
    Foundation::DataTypes::ProcedureExpression function ()
        raises (Reflective::MofError);
    void set_function (in Foundation::DataTypes::ProcedureExpression new_value)
        raises (Reflective::MofError);
    string function_description ()
        raises (Reflective::MofError);
    void set_function_description (in string new_value)
        raises (Reflective::MofError);
    boolean is_primary ()
        raises (Reflective::MofError);
    void set_is_primary (in boolean new_value)
        raises (Reflective::MofError);
    DataObjectSetSet source ()
        raises (Reflective::MofError);
    void set_source (in DataObjectSetSet new_value)
        raises (Reflective::MofError);
    void add_source (in DataObjectSet new_element)
        raises (Reflective::MofError);
    void modify_source (
        in DataObjectSet old_element,
        in DataObjectSet new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_source (in DataObjectSet old_element)
        raises (Reflective::NotFound, Reflective::MofError);
    DataObjectSetSet target ()
        raises (Reflective::MofError);
    void set_target (in DataObjectSetSet new_value)
        raises (Reflective::MofError);
    void add_target (in DataObjectSet new_element)
        raises (Reflective::MofError);
};

```

```

void modify_target (
    in DataObjectSet old_element,
    in DataObjectSet new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_target (in DataObjectSet old_element)
    raises (Reflective::NotFound, Reflective::MofError);
TransformationTaskSet task ()
    raises (Reflective::MofError);
void set_task (in TransformationTaskSet new_value)
    raises (Reflective::MofError);
void unset_task ()
    raises (Reflective::MofError);
void add_task (in TransformationTask new_element)
    raises (Reflective::MofError);
void modify_task (
    in TransformationTask old_element,
    in TransformationTask new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_task (in TransformationTask old_element)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface Transformation

interface DataObjectSetClass : Foundation::Core::ModelElementClass
{
    readonly attribute DataObjectSetSet all_of_type_data_object_set;
    readonly attribute DataObjectSetSet all_of_class_data_object_set;
    DataObjectSet create_data_object_set (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification)
        raises (Reflective::MofError);
};

interface DataObjectSet : DataObjectSetClass, Foundation::Core::ModelElement
{
    TransformationSet transformation_of_source ()
        raises (Reflective::MofError);
    void set_transformation_of_source (in TransformationSet new_value)
        raises (Reflective::MofError);
    void unset_transformation_of_source ()
        raises (Reflective::MofError);
    void add_transformation_of_source (in Transformation new_element)
        raises (Reflective::MofError);
    void modify_transformation_of_source (
        in Transformation old_element,
        in Transformation new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_transformation_of_source (in Transformation old_element)
        raises (Reflective::NotFound, Reflective::MofError);
    TransformationSet transformation_of_target ()
        raises (Reflective::MofError);

```

```

void set_transformation_of_target (in TransformationSet new_value)
    raises (Reflective::MofError);
void unset_transformation_of_target ()
    raises (Reflective::MofError);
void add_transformation_of_target (in Transformation new_element)
    raises (Reflective::MofError);
void modify_transformation_of_target (
    in Transformation old_element,
    in Transformation new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_transformation_of_target (in Transformation old_element)
    raises (Reflective::NotFound, Reflective::MofError);
ModelElementSet element ()
    raises (Reflective::MofError);
void set_element (in ModelElementSet new_value)
    raises (Reflective::MofError);
void add_element (in Foundation::Core::ModelElement new_element)
    raises (Reflective::MofError);
void modify_element (
    in Foundation::Core::ModelElement old_element,
    in Foundation::Core::ModelElement new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_element (in Foundation::Core::ModelElement old_element)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface DataObjectSet

interface TransformationTaskClass : Foundation::Core::ComponentClass
{
    readonly attribute TransformationTaskSet all_of_type_transformation_task;
    readonly attribute TransformationTaskSet all_of_class_transformation_task;
    TransformationTask create_transformation_task (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract)
        raises (Reflective::MofError);
};

interface TransformationTask : TransformationTaskClass,
Foundation::Core::Component
{
    TransformationStepSet step ()
        raises (Reflective::MofError);
    void set_step (in TransformationStepSet new_value)
        raises (Reflective::MofError);
    void unset_step ()
        raises (Reflective::MofError);
    void add_step (in TransformationStep new_element)
        raises (Reflective::MofError);
};

```

```

void modify_step (
    in TransformationStep old_element,
    in TransformationStep new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_step (in TransformationStep old_element)
    raises (Reflective::NotFound, Reflective::MofError);
TransformationTaskSet inverse_task ()
    raises (Reflective::MofError);
void set_inverse_task (in TransformationTaskSet new_value)
    raises (Reflective::MofError);
void unset_inverse_task ()
    raises (Reflective::MofError);
void add_inverse_task (in TransformationTask new_element)
    raises (Reflective::MofError);
void modify_inverse_task (
    in TransformationTask old_element,
    in TransformationTask new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_inverse_task (in TransformationTask old_element)
    raises (Reflective::NotFound, Reflective::MofError);
TransformationTaskSet original_task ()
    raises (Reflective::MofError);
void set_original_task (in TransformationTaskSet new_value)
    raises (Reflective::MofError);
void unset_original_task ()
    raises (Reflective::MofError);
void add_original_task (in TransformationTask new_element)
    raises (Reflective::MofError);
void modify_original_task (
    in TransformationTask old_element,
    in TransformationTask new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_original_task (in TransformationTask old_element)
    raises (Reflective::NotFound, Reflective::MofError);
TransformationSet transformation ()
    raises (Reflective::MofError);
void set_transformation (in TransformationSet new_value)
    raises (Reflective::MofError);
void add_transformation (in ::Transformation::Transformation new_element)
    raises (Reflective::MofError);
void modify_transformation (
    in ::Transformation::Transformation old_element,
    in ::Transformation::Transformation new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_transformation (in ::Transformation::Transformation old_element)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface TransformationTask

interface TransformationStepClass : Foundation::Core::ModelElementClass
{
    readonly attribute TransformationStepSet all_of_type_transformation_step;

```

```

    readonly attribute TransformationStepSet all_of_class_transformation_step;
    TransformationStep create_transformation_step (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification)
        raises (Reflective::MofError);
};

interface TransformationStep : TransformationStepClass,
Foundation::Core::ModelElement
{
    TransformationTask task ()
        raises (Reflective::MofError);
    void set_task (in TransformationTask new_value)
        raises (Reflective::MofError);
}; // end of interface TransformationStep

interface TransformationActivityClass : ModelManagement::SubsystemClass
{
    readonly attribute TransformationActivitySet
all_of_type_transformation_activity;
    readonly attribute TransformationActivitySet
all_of_class_transformation_activity;
    TransformationActivity create_transformation_activity (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract,
        in boolean is_instantiable,
        in string creation_date)
        raises (Reflective::MofError);
};

interface TransformationActivity : TransformationActivityClass,
ModelManagement::Subsystem
{
    string creation_date ()
        raises (Reflective::MofError);
    void set_creation_date (in string new_value)
        raises (Reflective::MofError);
}; // end of interface TransformationActivity

interface PrecedenceConstrainedByClass : Foundation::Core::DependencyClass
{
    readonly attribute PrecedenceConstrainedBySet
all_of_type_precedence_constrained_by;
    readonly attribute PrecedenceConstrainedBySet
all_of_class_precedence_constrained_by;
    PrecedenceConstrainedBy create_precedence_constrained_by (

```

```

        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification)
        raises (Reflective::MofError);
    };

    interface PrecedenceConstrainedBy : PrecedenceConstrainedByClass,
Foundation::Core::Dependency
    {
    }; // end of interface PrecedenceConstrainedBy

    interface TransformationConstrainedByClass :
Foundation::Core::DependencyClass
    {
        readonly attribute TransformationConstrainedBySet
all_of_type_transformation_constrained_by;
        readonly attribute TransformationConstrainedBySet
all_of_class_transformation_constrained_by;
        TransformationConstrainedBy create_transformation_constrained_by (
            in Foundation::DataTypes::Name name,
            in Foundation::DataTypes::VisibilityKind visibility,
            in boolean is_specification)
            raises (Reflective::MofError);
    };

    interface TransformationConstrainedBy : TransformationConstrainedByClass,
Foundation::Core::Dependency
    {
    }; // end of interface TransformationConstrainedBy

    interface TransformationUseClass : Foundation::Core::UsageClass
    {
        readonly attribute TransformationUseSet all_of_type_transformation_use;
        readonly attribute TransformationUseSet all_of_class_transformation_use;
        TransformationUse create_transformation_use (
            in Foundation::DataTypes::Name name,
            in Foundation::DataTypes::VisibilityKind visibility,
            in boolean is_specification,
            in string type)
            raises (Reflective::MofError);
    };

    interface TransformationUse : TransformationUseClass, Foundation::Core::Usage
    {
        string type ()
            raises (Reflective::MofError);
        void set_type (in string new_value)
            raises (Reflective::MofError);
    }; // end of interface TransformationUse

    interface TransformationMapClass : TransformationClass

```

```

{
  readonly attribute TransformationMapSet all_of_type_transformation_map;
  readonly attribute TransformationMapSet all_of_class_transformation_map;
  TransformationMap create_transformation_map (
    in Foundation::DataTypes::Name name,
    in Foundation::DataTypes::VisibilityKind visibility,
    in boolean is_specification,
    in Foundation::DataTypes::ProcedureExpression function,
    in string function_description,
    in boolean is_primary)
    raises (Reflective::MofError);
};

interface TransformationMap : TransformationMapClass, Transformation
{
}; // end of interface TransformationMap

interface TransformationTreeClass : TransformationClass
{
  readonly attribute TransformationTreeSet all_of_type_transformation_tree;
  readonly attribute TransformationTreeSet all_of_class_transformation_tree;
  TransformationTree create_transformation_tree (
    in Foundation::DataTypes::Name name,
    in Foundation::DataTypes::VisibilityKind visibility,
    in boolean is_specification,
    in Foundation::DataTypes::ProcedureExpression function,
    in string function_description,
    in boolean is_primary,
    in TreeType type,
    in CWMFoundation::ExpressionNode body)
    raises (Reflective::MofError);
};

interface TransformationTree : TransformationTreeClass, Transformation
{
  TreeType type ()
    raises (Reflective::MofError);
  void set_type (in TreeType new_value)
    raises (Reflective::MofError);
  CWMFoundation::ExpressionNode body ()
    raises (Reflective::MofError);
  void set_body (in CWMFoundation::ExpressionNode new_value)
    raises (Reflective::MofError);
}; // end of interface TransformationTree

interface ClassMapClass : Foundation::Core::NamespaceClass
{
  readonly attribute ClassMapSet all_of_type_class_map;
  readonly attribute ClassMapSet all_of_class_class_map;
  ClassMap create_class_map (
    in Foundation::DataTypes::Name name,

```

```

        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification)
        raises (Reflective::MofError);
};

interface ClassMap : ClassMapClass, Foundation::Core::Namespace
{
    ClassSet source ()
        raises (Reflective::MofError);
    void set_source (in ClassSet new_value)
        raises (Reflective::MofError);
    void add_source (in Foundation::Core::Class new_element)
        raises (Reflective::MofError);
    void modify_source (
        in Foundation::Core::Class old_element,
        in Foundation::Core::Class new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_source (in Foundation::Core::Class old_element)
        raises (Reflective::NotFound, Reflective::MofError);
    ClassSet target ()
        raises (Reflective::MofError);
    void set_target (in ClassSet new_value)
        raises (Reflective::MofError);
    void add_target (in Foundation::Core::Class new_element)
        raises (Reflective::MofError);
    void modify_target (
        in Foundation::Core::Class old_element,
        in Foundation::Core::Class new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_target (in Foundation::Core::Class old_element)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ClassMap

interface AttributeMapClass : Foundation::Core::ModelElementClass
{
    readonly attribute AttributeMapSet all_of_type_attribute_map;
    readonly attribute AttributeMapSet all_of_class_attribute_map;
    AttributeMap create_attribute_map (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification)
        raises (Reflective::MofError);
};

interface AttributeMap : AttributeMapClass, Foundation::Core::ModelElement
{
    UmlAttributeSet source ()
        raises (Reflective::MofError);
    void set_source (in UmlAttributeSet new_value)
        raises (Reflective::MofError);
    void add_source (in Foundation::Core::UmlAttribute new_element)

```

```

    raises (Reflective::MofError);
void modify_source (
    in Foundation::Core::UmlAttribute old_element,
    in Foundation::Core::UmlAttribute new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_source (in Foundation::Core::UmlAttribute old_element)
    raises (Reflective::NotFound, Reflective::MofError);
UmlAttributeSet target ()
    raises (Reflective::MofError);
void set_target (in UmlAttributeSet new_value)
    raises (Reflective::MofError);
void add_target (in Foundation::Core::UmlAttribute new_element)
    raises (Reflective::MofError);
void modify_target (
    in Foundation::Core::UmlAttribute old_element,
    in Foundation::Core::UmlAttribute new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_target (in Foundation::Core::UmlAttribute old_element)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface AttributeMap

struct TransformationSourceLink
{
    Transformation transformation_of_source;
    DataObjectSet source;
};
typedef sequence<TransformationSourceLink> TransformationSourceLinkSet;

interface TransformationSource : Reflective::RefAssociation
{
    TransformationSourceLinkSet all_transformation_source_links()
        raises (Reflective::MofError);
    boolean exists (
        in Transformation transformation_of_source,
        in DataObjectSet source)
        raises (Reflective::MofError);
    TransformationSet transformation_of_source (in DataObjectSet source)
        raises (Reflective::MofError);
    DataObjectSetSet source (in Transformation transformation_of_source)
        raises (Reflective::MofError);
    void add (
        in Transformation transformation_of_source,
        in DataObjectSet source)
        raises (Reflective::MofError);
    void modify_transformation_of_source (
        in Transformation transformation_of_source,
        in DataObjectSet source,
        in Transformation new_transformation_of_source)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_source (
        in Transformation transformation_of_source,

```

```

        in DataObjectSet source,
        in DataObjectSet new_source)
        raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in Transformation transformation_of_source,
    in DataObjectSet source)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface TransformationSource

struct TransformationTargetLink
{
    Transformation transformation_of_target;
    DataObjectSet target;
};
typedef sequence<TransformationTargetLink> TransformationTargetLinkSet;

interface TransformationTarget : Reflective::RefAssociation
{
    TransformationTargetLinkSet all_transformation_target_links()
        raises (Reflective::MofError);
    boolean exists (
        in Transformation transformation_of_target,
        in DataObjectSet target)
        raises (Reflective::MofError);
    TransformationSet transformation_of_target (in DataObjectSet target)
        raises (Reflective::MofError);
    DataObjectSetSet target (in Transformation transformation_of_target)
        raises (Reflective::MofError);
    void add (
        in Transformation transformation_of_target,
        in DataObjectSet target)
        raises (Reflective::MofError);
    void modify_transformation_of_target (
        in Transformation transformation_of_target,
        in DataObjectSet target,
        in Transformation new_transformation_of_target)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_target (
        in Transformation transformation_of_target,
        in DataObjectSet target,
        in DataObjectSet new_target)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in Transformation transformation_of_target,
        in DataObjectSet target)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface TransformationTarget

struct TransformationStepTaskLink
{
    TransformationStep step;

```

```

    TransformationTask task;
};
typedef sequence<TransformationStepTaskLink>
TransformationStepTaskLinkSet;

interface TransformationStepTask : Reflective::RefAssociation
{
    TransformationStepTaskLinkSet all_transformation_step_task_links()
        raises (Reflective::MofError);
    boolean exists (
        in TransformationStep step,
        in TransformationTask task)
        raises (Reflective::MofError);
    TransformationStepSet step (in TransformationTask task)
        raises (Reflective::MofError);
    TransformationTask task (in TransformationStep step)
        raises (Reflective::MofError);
    void add (
        in TransformationStep step,
        in TransformationTask task)
        raises (Reflective::MofError);
    void modify_step (
        in TransformationStep step,
        in TransformationTask task,
        in TransformationStep new_step)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_task (
        in TransformationStep step,
        in TransformationTask task,
        in TransformationTask new_task)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in TransformationStep step,
        in TransformationTask task)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface TransformationStepTask

struct InverseTransformationTaskLink
{
    TransformationTask original_task;
    TransformationTask inverse_task;
};
typedef sequence<InverseTransformationTaskLink>
InverseTransformationTaskLinkSet;

interface InverseTransformationTask : Reflective::RefAssociation
{
    InverseTransformationTaskLinkSet all_inverse_transformation_task_links()
        raises (Reflective::MofError);
    boolean exists (
        in TransformationTask original_task,

```

```

        in TransformationTask inverse_task)
        raises (Reflective::MofError);
TransformationTaskSet original_task (in TransformationTask inverse_task)
        raises (Reflective::MofError);
TransformationTaskSet inverse_task (in TransformationTask original_task)
        raises (Reflective::MofError);
void add (
        in TransformationTask original_task,
        in TransformationTask inverse_task)
        raises (Reflective::MofError);
void modify_original_task (
        in TransformationTask original_task,
        in TransformationTask inverse_task,
        in TransformationTask new_original_task)
        raises (Reflective::NotFound, Reflective::MofError);
void modify_inverse_task (
        in TransformationTask original_task,
        in TransformationTask inverse_task,
        in TransformationTask new_inverse_task)
        raises (Reflective::NotFound, Reflective::MofError);
void remove (
        in TransformationTask original_task,
        in TransformationTask inverse_task)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface InverseTransformationTask

struct DataObjectSetElementLink
{
    Foundation::Core::ModelElement element;
    DataObjectSet set;
};
typedef sequence<DataObjectSetElementLink> DataObjectSetElementLinkSet;

interface DataObjectSetElement : Reflective::RefAssociation
{
    DataObjectSetElementLinkSet all_data_object_set_element_links()
        raises (Reflective::MofError);
    boolean exists (
        in Foundation::Core::ModelElement element,
        in DataObjectSet set)
        raises (Reflective::MofError);
    ModelElementSet element (in DataObjectSet set)
        raises (Reflective::MofError);
    DataObjectSetSet set (in Foundation::Core::ModelElement element)
        raises (Reflective::MofError);
    void add (
        in Foundation::Core::ModelElement element,
        in DataObjectSet set)
        raises (Reflective::MofError);
    void modify_element (
        in Foundation::Core::ModelElement element,

```

```

        in DataObjectSet set,
        in Foundation::Core::ModelElement new_element)
        raises (Reflective::NotFound, Reflective::MofError);
void modify_set (
    in Foundation::Core::ModelElement element,
    in DataObjectSet set,
    in DataObjectSet new_set)
    raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in Foundation::Core::ModelElement element,
    in DataObjectSet set)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface DataObjectSetElement

struct TransformationTaskTransformationLink
{
    TransformationTask task;
    ::Transformation::Transformation transformation;
};
typedef sequence<TransformationTaskTransformationLink>
TransformationTaskTransformationLinkSet;

interface TransformationTaskTransformation : Reflective::RefAssociation
{
    TransformationTaskTransformationLinkSet
all_transformation_task_transformation_links()
    raises (Reflective::MofError);
    boolean exists (
        in TransformationTask task,
        in ::Transformation::Transformation transformation)
        raises (Reflective::MofError);
    TransformationTaskSet task (in ::Transformation::Transformation
transformation)
        raises (Reflective::MofError);
    TransformationSet transformation (in TransformationTask task)
        raises (Reflective::MofError);
    void add (
        in TransformationTask task,
        in ::Transformation::Transformation transformation)
        raises (Reflective::MofError);
    void modify_task (
        in TransformationTask task,
        in ::Transformation::Transformation transformation,
        in TransformationTask new_task)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_transformation (
        in TransformationTask task,
        in ::Transformation::Transformation transformation,
        in ::Transformation::Transformation new_transformation)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (

```

```

        in TransformationTask task,
        in ::Transformation::Transformation transformation)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface TransformationTaskTransformation

struct ClassMapSourceLink
{
    Foundation::Core::Class source;
    ClassMap class_map;
};
typedef sequence<ClassMapSourceLink> ClassMapSourceLinkSet;

interface ClassMapSource : Reflective::RefAssociation
{
    ClassMapSourceLinkSet all_class_map_source_links()
        raises (Reflective::MofError);
    boolean exists (
        in Foundation::Core::Class source,
        in ClassMap class_map)
        raises (Reflective::MofError);
    ClassSet source (in ClassMap class_map)
        raises (Reflective::MofError);
    ClassMapSet class_map (in Foundation::Core::Class source)
        raises (Reflective::MofError);
    void add (
        in Foundation::Core::Class source,
        in ClassMap class_map)
        raises (Reflective::MofError);
    void modify_source (
        in Foundation::Core::Class source,
        in ClassMap class_map,
        in Foundation::Core::Class new_source)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_class_map (
        in Foundation::Core::Class source,
        in ClassMap class_map,
        in ClassMap new_class_map)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in Foundation::Core::Class source,
        in ClassMap class_map)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ClassMapSource

struct ClassMapTargetLink
{
    Foundation::Core::Class target;
    ClassMap class_map;
};
typedef sequence<ClassMapTargetLink> ClassMapTargetLinkSet;

```

```

interface ClassMapTarget : Reflective::RefAssociation
{
  ClassMapTargetLinkSet all_class_map_target_links()
    raises (Reflective::MofError);
  boolean exists (
    in Foundation::Core::Class target,
    in ClassMap class_map)
    raises (Reflective::MofError);
  ClassSet target (in ClassMap class_map)
    raises (Reflective::MofError);
  ClassMapSet class_map (in Foundation::Core::Class target)
    raises (Reflective::MofError);
  void add (
    in Foundation::Core::Class target,
    in ClassMap class_map)
    raises (Reflective::MofError);
  void modify_target (
    in Foundation::Core::Class target,
    in ClassMap class_map,
    in Foundation::Core::Class new_target)
    raises (Reflective::NotFound, Reflective::MofError);
  void modify_class_map (
    in Foundation::Core::Class target,
    in ClassMap class_map,
    in ClassMap new_class_map)
    raises (Reflective::NotFound, Reflective::MofError);
  void remove (
    in Foundation::Core::Class target,
    in ClassMap class_map)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ClassMapTarget

struct AttributeMapSourceLink
{
  Foundation::Core::UmlAttribute source;
  AttributeMap attribute_map;
};
typedef sequence<AttributeMapSourceLink> AttributeMapSourceLinkSet;

interface AttributeMapSource : Reflective::RefAssociation
{
  AttributeMapSourceLinkSet all_attribute_map_source_links()
    raises (Reflective::MofError);
  boolean exists (
    in Foundation::Core::UmlAttribute source,
    in AttributeMap attribute_map)
    raises (Reflective::MofError);
  UmlAttributeSet source (in AttributeMap attribute_map)
    raises (Reflective::MofError);
  AttributeMapSet attribute_map (in Foundation::Core::UmlAttribute source)
    raises (Reflective::MofError);
}

```

```

void add (
  in Foundation::Core::UmlAttribute source,
  in AttributeMap attribute_map)
  raises (Reflective::MofError);
void modify_source (
  in Foundation::Core::UmlAttribute source,
  in AttributeMap attribute_map,
  in Foundation::Core::UmlAttribute new_source)
  raises (Reflective::NotFound, Reflective::MofError);
void modify_attribute_map (
  in Foundation::Core::UmlAttribute source,
  in AttributeMap attribute_map,
  in AttributeMap new_attribute_map)
  raises (Reflective::NotFound, Reflective::MofError);
void remove (
  in Foundation::Core::UmlAttribute source,
  in AttributeMap attribute_map)
  raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface AttributeMapSource

struct AttributeMapTargetLink
{
  Foundation::Core::UmlAttribute target;
  AttributeMap attribute_map;
};
typedef sequence<AttributeMapTargetLink> AttributeMapTargetLinkSet;

interface AttributeMapTarget : Reflective::RefAssociation
{
  AttributeMapTargetLinkSet all_attribute_map_target_links()
    raises (Reflective::MofError);
  boolean exists (
    in Foundation::Core::UmlAttribute target,
    in AttributeMap attribute_map)
    raises (Reflective::MofError);
  UmlAttributeSet target (in AttributeMap attribute_map)
    raises (Reflective::MofError);
  AttributeMapSet attribute_map (in Foundation::Core::UmlAttribute target)
    raises (Reflective::MofError);
  void add (
    in Foundation::Core::UmlAttribute target,
    in AttributeMap attribute_map)
    raises (Reflective::MofError);
  void modify_target (
    in Foundation::Core::UmlAttribute target,
    in AttributeMap attribute_map,
    in Foundation::Core::UmlAttribute new_target)
    raises (Reflective::NotFound, Reflective::MofError);
  void modify_attribute_map (
    in Foundation::Core::UmlAttribute target,
    in AttributeMap attribute_map,

```

```

        in AttributeMap new_attribute_map)
        raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in Foundation::Core::UmlAttribute target,
    in AttributeMap attribute_map)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface AttributeMapTarget

interface TransformationPackageFactory
{
    TransformationPackage create_transformation_package ()
        raises (Reflective::MofError);
};

interface TransformationPackage : Reflective::RefPackage
{
    readonly attribute TransformationClass transformation_ref;
    readonly attribute DataObjectSetClass data_object_set_ref;
    readonly attribute TransformationTaskClass transformation_task_ref;
    readonly attribute TransformationStepClass transformation_step_ref;
    readonly attribute TransformationActivityClass transformation_activity_ref;
    readonly attribute PrecedenceConstrainedByClass
precedence_constrained_by_ref;
    readonly attribute TransformationConstrainedByClass
transformation_constrained_by_ref;
    readonly attribute TransformationUseClass transformation_use_ref;
    readonly attribute TransformationMapClass transformation_map_ref;
    readonly attribute TransformationTreeClass transformation_tree_ref;
    readonly attribute ClassMapClass class_map_ref;
    readonly attribute AttributeMapClass attribute_map_ref;
    readonly attribute TransformationSource transformation_source_ref;
    readonly attribute TransformationTarget transformation_target_ref;
    readonly attribute TransformationStepTask transformation_step_task_ref;
    readonly attribute InverseTransformationTask inverse_transformation_task_ref;
    readonly attribute DataObjectSetElement data_object_set_element_ref;
    readonly attribute TransformationTaskTransformation
transformation_task_transformation_ref;
    readonly attribute ClassMapSource class_map_source_ref;
    readonly attribute ClassMapTarget class_map_target_ref;
    readonly attribute AttributeMapSource attribute_map_source_ref;
    readonly attribute AttributeMapTarget attribute_map_target_ref;
};
};

#endif

```

## 2.9 WarehouseDeployment.idl

```

#ifndef WAREHOUSE_DEPLOYMENT_IDL
#define WAREHOUSE_DEPLOYMENT_IDL
#pragma prefix "org.omg.cwm"
#include "Reflective.idl"
#include "Foundation.idl"
#include "ModelManagement.idl"
#include "CWMFoundation.idl"

module WarehouseDeployment
{
    typedef sequence<ModelManagement::Package> PackageSet;
    typedef sequence<CWMFoundation::DataTypeMapping> DataTypeMappingSet;
    typedef sequence<Foundation::Core::DataType> DataTypeSet;
    interface SiteClass;
    interface Site;
    typedef sequence<Site> SiteSet;
    interface MachineClass;
    interface Machine;
    typedef sequence<Machine> MachineSet;
    interface SoftwareSystemClass;
    interface SoftwareSystem;
    typedef sequence<SoftwareSystem> SoftwareSystemSet;
    interface DeployedComponentClass;
    interface DeployedComponent;
    typedef sequence<DeployedComponent> DeployedComponentSet;
    interface DeployedSoftwareSystemClass;
    interface DeployedSoftwareSystem;
    typedef sequence<DeployedSoftwareSystem> DeployedSoftwareSystemSet;
    interface DataResourceClass;
    interface DataResource;
    typedef sequence<DataResource> DataResourceSet;
    interface DataProviderClass;
    interface DataProvider;
    typedef sequence<DataProvider> DataProviderSet;
    interface ProviderConnectionClass;
    interface ProviderConnection;
    typedef sequence<ProviderConnection> ProviderConnectionSet;
    interface WarehouseDeploymentPackage;

    interface SiteClass : CWMFoundation::LocationClass
    {
        readonly attribute SiteSet all_of_type_site;
        readonly attribute SiteSet all_of_class_site;
        Site create_site (
            in Foundation::DataTypes::Name name,
            in Foundation::DataTypes::VisibilityKind visibility,
            in boolean is_specification,
            in string location_type,

```

```

        in string address,
        in string city,
        in string post_code,
        in string area,
        in string country)
        raises (Reflective::MofError);
};

interface Site : SiteClass, CWMFoundation::Location
{
    SiteSet contained_site ()
        raises (Reflective::MofError);
    void set_contained_site (in SiteSet new_value)
        raises (Reflective::MofError);
    void unset_contained_site ()
        raises (Reflective::MofError);
    void add_contained_site (in Site new_element)
        raises (Reflective::MofError);
    void modify_contained_site (
        in Site old_element,
        in Site new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_contained_site (in Site old_element)
        raises (Reflective::NotFound, Reflective::MofError);
    SiteSet containing_site ()
        raises (Reflective::MofError);
    void set_containing_site (in SiteSet new_value)
        raises (Reflective::MofError);
    void unset_containing_site ()
        raises (Reflective::MofError);
    void add_containing_site (in Site new_element)
        raises (Reflective::MofError);
    void modify_containing_site (
        in Site old_element,
        in Site new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_containing_site (in Site old_element)
        raises (Reflective::NotFound, Reflective::MofError);
    MachineSet machine ()
        raises (Reflective::MofError);
    void set_machine (in MachineSet new_value)
        raises (Reflective::MofError);
    void unset_machine ()
        raises (Reflective::MofError);
    void add_machine (in WarehouseDeployment::Machine new_element)
        raises (Reflective::MofError);
    void modify_machine (
        in WarehouseDeployment::Machine old_element,
        in WarehouseDeployment::Machine new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_machine (in WarehouseDeployment::Machine old_element)

```

```

        raises (Reflective::NotFound, Reflective::MofError);
    }; // end of interface Site

interface MachineClass : Foundation::Core::ModelElementClass
{
    readonly attribute MachineSet all_of_type_machine;
    readonly attribute MachineSet all_of_class_machine;
    Machine create_machine (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in string internet_address)
        raises (Reflective::MofError);
    };

interface Machine : MachineClass, Foundation::Core::ModelElement
{
    string internet_address ()
        raises (Reflective::MofError);
    void set_internet_address (in string new_value)
        raises (Reflective::MofError);
    DeployedComponentSet deployed_component ()
        raises (Reflective::MofError);
    void set_deployed_component (in DeployedComponentSet new_value)
        raises (Reflective::MofError);
    void unset_deployed_component ()
        raises (Reflective::MofError);
    void add_deployed_component (in DeployedComponent new_element)
        raises (Reflective::MofError);
    void modify_deployed_component (
        in DeployedComponent old_element,
        in DeployedComponent new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_deployed_component (in DeployedComponent old_element)
        raises (Reflective::NotFound, Reflective::MofError);
    WarehouseDeployment::Site site ()
        raises (Reflective::NotSet, Reflective::MofError);
    void set_site (in WarehouseDeployment::Site new_value)
        raises (Reflective::MofError);
    void unset_site ()
        raises (Reflective::MofError);
    }; // end of interface Machine

interface SoftwareSystemClass : ModelManagement::SubsystemClass
{
    readonly attribute SoftwareSystemSet all_of_type_software_system;
    readonly attribute SoftwareSystemSet all_of_class_software_system;
    SoftwareSystem create_software_system (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,

```

```

        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract,
        in boolean is_instantiable,
        in string supplier,
        in string version)
        raises (Reflective::MofError);
    };

interface SoftwareSystem : SoftwareSystemClass, ModelManagement::Subsystem
{
    string supplier ()
        raises (Reflective::MofError);
    void set_supplier (in string new_value)
        raises (Reflective::MofError);
    string version ()
        raises (Reflective::MofError);
    void set_version (in string new_value)
        raises (Reflective::MofError);
    DeployedSoftwareSystemSet deployment ()
        raises (Reflective::MofError);
    void set_deployment (in DeployedSoftwareSystemSet new_value)
        raises (Reflective::MofError);
    void unset_deployment ()
        raises (Reflective::MofError);
    void add_deployment (in DeployedSoftwareSystem new_element)
        raises (Reflective::MofError);
    void modify_deployment (
        in DeployedSoftwareSystem old_element,
        in DeployedSoftwareSystem new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_deployment (in DeployedSoftwareSystem old_element)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface SoftwareSystem

interface DeployedComponentClass : Foundation::Core::ModelElementClass
{
    readonly attribute DeployedComponentSet all_of_type_deployed_component;
    readonly attribute DeployedComponentSet all_of_class_deployed_component;
    DeployedComponent create_deployed_component (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification)
        raises (Reflective::MofError);
};

interface DeployedComponent : DeployedComponentClass,
Foundation::Core::ModelElement
{
    Foundation::Core::Component component ()
        raises (Reflective::MofError);

```

```

    void set_component (in Foundation::Core::Component new_value)
        raises (Reflective::MofError);
    WarehouseDeployment::Machine machine ()
        raises (Reflective::MofError);
    void set_machine (in WarehouseDeployment::Machine new_value)
        raises (Reflective::MofError);
}; // end of interface DeployedComponent

interface DeployedSoftwareSystemClass : ModelManagement::PackageClass
{
    readonly attribute DeployedSoftwareSystemSet
all_of_type_deployed_software_system;
    readonly attribute DeployedSoftwareSystemSet
all_of_class_deployed_software_system;
    DeployedSoftwareSystem create_deployed_software_system (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract)
        raises (Reflective::MofError);
};

interface DeployedSoftwareSystem : DeployedSoftwareSystemClass,
ModelManagement::Package
{
    SoftwareSystem software_system ()
        raises (Reflective::MofError);
    void set_software_system (in SoftwareSystem new_value)
        raises (Reflective::MofError);
}; // end of interface DeployedSoftwareSystem

interface DataResourceClass : DeployedSoftwareSystemClass
{
    readonly attribute DataResourceSet all_of_type_data_resource;
    readonly attribute DataResourceSet all_of_class_data_resource;
    DataResource create_data_resource (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,
        in boolean is_leaf,
        in boolean is_abstract)
        raises (Reflective::MofError);
};

interface DataResource : DataResourceClass, DeployedSoftwareSystem
{
    ProviderConnectionSet client_connection ()
        raises (Reflective::MofError);
};

```

```

void set_client_connection (in ProviderConnectionSet new_value)
    raises (Reflective::MofError);
void unset_client_connection ()
    raises (Reflective::MofError);
void add_client_connection (in ProviderConnection new_element)
    raises (Reflective::MofError);
void modify_client_connection (
    in ProviderConnection old_element,
    in ProviderConnection new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_client_connection (in ProviderConnection old_element)
    raises (Reflective::NotFound, Reflective::MofError);
DataTypeSet data_type ()
    raises (Reflective::MofError);
void set_data_type (in DataTypeSet new_value)
    raises (Reflective::MofError);
void unset_data_type ()
    raises (Reflective::MofError);
void add_data_type (in Foundation::Core::DataType new_element)
    raises (Reflective::MofError);
void modify_data_type (
    in Foundation::Core::DataType old_element,
    in Foundation::Core::DataType new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_data_type (in Foundation::Core::DataType old_element)
    raises (Reflective::NotFound, Reflective::MofError);
PackageSet data_package ()
    raises (Reflective::MofError);
void set_data_package (in PackageSet new_value)
    raises (Reflective::MofError);
void unset_data_package ()
    raises (Reflective::MofError);
void add_data_package (in ModelManagement::Package new_element)
    raises (Reflective::MofError);
void modify_data_package (
    in ModelManagement::Package old_element,
    in ModelManagement::Package new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_data_package (in ModelManagement::Package old_element)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface DataResource

```

```

interface DataProviderClass : DataResourceClass
{
    readonly attribute DataProviderSet all_of_type_data_provider;
    readonly attribute DataProviderSet all_of_class_data_provider;
    DataProvider create_data_provider (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_root,

```

```

        in boolean is_leaf,
        in boolean is_abstract)
        raises (Reflective::MofError);
    };

interface DataProvider : DataProviderClass, DataResource
{
    ProviderConnectionSet resource_connection ()
        raises (Reflective::MofError);
    void set_resource_connection (in ProviderConnectionSet new_value)
        raises (Reflective::MofError);
    void unset_resource_connection ()
        raises (Reflective::MofError);
    void add_resource_connection (in ProviderConnection new_element)
        raises (Reflective::MofError);
    void modify_resource_connection (
        in ProviderConnection old_element,
        in ProviderConnection new_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove_resource_connection (in ProviderConnection old_element)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface DataProvider

interface ProviderConnectionClass : Foundation::Core::RelationshipClass
{
    readonly attribute ProviderConnectionSet all_of_type_provider_connection;
    readonly attribute ProviderConnectionSet all_of_class_provider_connection;
    ProviderConnection create_provider_connection (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in boolean is_read_only)
        raises (Reflective::MofError);
    };

interface ProviderConnection : ProviderConnectionClass,
Foundation::Core::Relationship
{
    boolean is_read_only ()
        raises (Reflective::MofError);
    void set_is_read_only (in boolean new_value)
        raises (Reflective::MofError);
    DataTypeMappingSet data_type_mapping ()
        raises (Reflective::MofError);
    void set_data_type_mapping (in DataTypeMappingSet new_value)
        raises (Reflective::MofError);
    void unset_data_type_mapping ()
        raises (Reflective::MofError);
    void add_data_type_mapping (in CWMFoundation::DataTypeMapping
new_element)
        raises (Reflective::MofError);

```

```

void modify_data_type_mapping (
    in CWMFoundation::DataTypeMapping old_element,
    in CWMFoundation::DataTypeMapping new_element)
    raises (Reflective::NotFound, Reflective::MofError);
void remove_data_type_mapping (in CWMFoundation::DataTypeMapping
old_element)
    raises (Reflective::NotFound, Reflective::MofError);
DataProvider data_provider ()
    raises (Reflective::MofError);
void set_data_provider (in DataProvider new_value)
    raises (Reflective::MofError);
DataResource data_resource ()
    raises (Reflective::MofError);
void set_data_resource (in DataResource new_value)
    raises (Reflective::MofError);
}; // end of interface ProviderConnection

struct RelatedSitesLink
{
    Site containing_site;
    Site contained_site;
};
typedef sequence<RelatedSitesLink> RelatedSitesLinkSet;

interface RelatedSites : Reflective::RefAssociation
{
    RelatedSitesLinkSet all_related_sites_links()
        raises (Reflective::MofError);
    boolean exists (
        in Site containing_site,
        in Site contained_site)
        raises (Reflective::MofError);
    SiteSet containing_site (in Site contained_site)
        raises (Reflective::MofError);
    SiteSet contained_site (in Site containing_site)
        raises (Reflective::MofError);
    void add (
        in Site containing_site,
        in Site contained_site)
        raises (Reflective::MofError);
    void modify_containing_site (
        in Site containing_site,
        in Site contained_site,
        in Site new_containing_site)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_contained_site (
        in Site containing_site,
        in Site contained_site,
        in Site new_contained_site)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (

```

```

        in Site containing_site,
        in Site contained_site)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface RelatedSites

struct ComponentDeploymentsLink
{
    DeployedComponent deployment;
    Foundation::Core::Component component;
};
typedef sequence<ComponentDeploymentsLink>
ComponentDeploymentsLinkSet;

interface ComponentDeployments : Reflective::RefAssociation
{
    ComponentDeploymentsLinkSet all_component_deployments_links()
        raises (Reflective::MofError);
    boolean exists (
        in DeployedComponent deployment,
        in Foundation::Core::Component component)
        raises (Reflective::MofError);
    DeployedComponentSet deployment (in Foundation::Core::Component
component)
        raises (Reflective::MofError);
    Foundation::Core::Component component (in DeployedComponent deployment)
        raises (Reflective::MofError);
    void add (
        in DeployedComponent deployment,
        in Foundation::Core::Component component)
        raises (Reflective::MofError);
    void modify_deployment (
        in DeployedComponent deployment,
        in Foundation::Core::Component component,
        in DeployedComponent new_deployment)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_component (
        in DeployedComponent deployment,
        in Foundation::Core::Component component,
        in Foundation::Core::Component new_component)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in DeployedComponent deployment,
        in Foundation::Core::Component component)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ComponentDeployments

struct ComponentsOnMachineLink
{
    WarehouseDeployment::Machine machine;
    DeployedComponent deployed_component;
};

```

```

typedef sequence<ComponentsOnMachineLink> ComponentsOnMachineLinkSet;

interface ComponentsOnMachine : Reflective::RefAssociation
{
    ComponentsOnMachineLinkSet all_components_on_machine_links()
        raises (Reflective::MofError);
    boolean exists (
        in WarehouseDeployment::Machine machine,
        in DeployedComponent deployed_component)
        raises (Reflective::MofError);
    WarehouseDeployment::Machine machine (in DeployedComponent
deployed_component)
        raises (Reflective::MofError);
    DeployedComponentSet deployed_component (in
WarehouseDeployment::Machine machine)
        raises (Reflective::MofError);
    void add (
        in WarehouseDeployment::Machine machine,
        in DeployedComponent deployed_component)
        raises (Reflective::MofError);
    void modify_machine (
        in WarehouseDeployment::Machine machine,
        in DeployedComponent deployed_component,
        in WarehouseDeployment::Machine new_machine)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_deployed_component (
        in WarehouseDeployment::Machine machine,
        in DeployedComponent deployed_component,
        in DeployedComponent new_deployed_component)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in WarehouseDeployment::Machine machine,
        in DeployedComponent deployed_component)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ComponentsOnMachine

struct SiteMachinesLink
{
    WarehouseDeployment::Site site;
    WarehouseDeployment::Machine machine;
};
typedef sequence<SiteMachinesLink> SiteMachinesLinkSet;

interface SiteMachines : Reflective::RefAssociation
{
    SiteMachinesLinkSet all_site_machines_links()
        raises (Reflective::MofError);
    boolean exists (
        in WarehouseDeployment::Site site,
        in WarehouseDeployment::Machine machine)
        raises (Reflective::MofError);

```

```

WarehouseDeployment::Site site (in WarehouseDeployment::Machine machine)
    raises (Reflective::MofError);
MachineSet machine (in WarehouseDeployment::Site site)
    raises (Reflective::MofError);
void add (
    in WarehouseDeployment::Site site,
    in WarehouseDeployment::Machine machine)
    raises (Reflective::MofError);
void modify_site (
    in WarehouseDeployment::Site site,
    in WarehouseDeployment::Machine machine,
    in WarehouseDeployment::Site new_site)
    raises (Reflective::NotFound, Reflective::MofError);
void modify_machine (
    in WarehouseDeployment::Site site,
    in WarehouseDeployment::Machine machine,
    in WarehouseDeployment::Machine new_machine)
    raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in WarehouseDeployment::Site site,
    in WarehouseDeployment::Machine machine)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface SiteMachines

struct ConnectionDataTypeMappingsLink
{
    CWMFoundation::DataTypeMapping data_type_mapping;
    ProviderConnection provider_connection;
};
typedef sequence<ConnectionDataTypeMappingsLink>
ConnectionDataTypeMappingsLinkSet;

interface ConnectionDataTypeMappings : Reflective::RefAssociation
{
    ConnectionDataTypeMappingsLinkSet
all_connection_data_type_mappings_links()
    raises (Reflective::MofError);
    boolean exists (
        in CWMFoundation::DataTypeMapping data_type_mapping,
        in ProviderConnection provider_connection)
        raises (Reflective::MofError);
    DataTypeMappingSet data_type_mapping (in ProviderConnection
provider_connection)
        raises (Reflective::MofError);
    ProviderConnectionSet provider_connection (in
CWMFoundation::DataTypeMapping data_type_mapping)
        raises (Reflective::MofError);
    void add (
        in CWMFoundation::DataTypeMapping data_type_mapping,
        in ProviderConnection provider_connection)
        raises (Reflective::MofError);

```

```

void modify_data_type_mapping (
    in CWMFoundation::DataTypeMapping data_type_mapping,
    in ProviderConnection provider_connection,
    in CWMFoundation::DataTypeMapping new_data_type_mapping)
    raises (Reflective::NotFound, Reflective::MofError);
void modify_provider_connection (
    in CWMFoundation::DataTypeMapping data_type_mapping,
    in ProviderConnection provider_connection,
    in ProviderConnection new_provider_connection)
    raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in CWMFoundation::DataTypeMapping data_type_mapping,
    in ProviderConnection provider_connection)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ConnectionDataTypeMappings

struct ProviderConnectionsLink
{
    DataProvider data_provider;
    ProviderConnection resource_connection;
};
typedef sequence<ProviderConnectionsLink> ProviderConnectionsLinkSet;

interface ProviderConnections : Reflective::RefAssociation
{
    ProviderConnectionsLinkSet all_provider_connections_links()
        raises (Reflective::MofError);
    boolean exists (
        in DataProvider data_provider,
        in ProviderConnection resource_connection)
        raises (Reflective::MofError);
    DataProvider data_provider (in ProviderConnection resource_connection)
        raises (Reflective::MofError);
    ProviderConnectionSet resource_connection (in DataProvider data_provider)
        raises (Reflective::MofError);
    void add (
        in DataProvider data_provider,
        in ProviderConnection resource_connection)
        raises (Reflective::MofError);
    void modify_data_provider (
        in DataProvider data_provider,
        in ProviderConnection resource_connection,
        in DataProvider new_data_provider)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_resource_connection (
        in DataProvider data_provider,
        in ProviderConnection resource_connection,
        in ProviderConnection new_resource_connection)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in DataProvider data_provider,

```

```

        in ProviderConnection resource_connection)
        raises (Reflective::NotFound, Reflective::MofError);
    }; // end of interface ProviderConnections

    struct ResourceConnectionsLink
    {
        DataResource data_resource;
        ProviderConnection client_connection;
    };
    typedef sequence<ResourceConnectionsLink> ResourceConnectionsLinkSet;

    interface ResourceConnections : Reflective::RefAssociation
    {
        ResourceConnectionsLinkSet all_resource_connections_links()
        raises (Reflective::MofError);
        boolean exists (
            in DataResource data_resource,
            in ProviderConnection client_connection)
        raises (Reflective::MofError);
        DataResource data_resource (in ProviderConnection client_connection)
        raises (Reflective::MofError);
        ProviderConnectionSet client_connection (in DataResource data_resource)
        raises (Reflective::MofError);
        void add (
            in DataResource data_resource,
            in ProviderConnection client_connection)
        raises (Reflective::MofError);
        void modify_data_resource (
            in DataResource data_resource,
            in ProviderConnection client_connection,
            in DataResource new_data_resource)
        raises (Reflective::NotFound, Reflective::MofError);
        void modify_client_connection (
            in DataResource data_resource,
            in ProviderConnection client_connection,
            in ProviderConnection new_client_connection)
        raises (Reflective::NotFound, Reflective::MofError);
        void remove (
            in DataResource data_resource,
            in ProviderConnection client_connection)
        raises (Reflective::NotFound, Reflective::MofError);
    }; // end of interface ResourceConnections

    struct DataResourceDataTypesLink
    {
        Foundation::Core::DataType data_type;
        DataResource data_resource;
    };
    typedef sequence<DataResourceDataTypesLink>
    DataResourceDataTypesLinkSet;

```

```

interface DataResourceDataTypes : Reflective::RefAssociation
{
    DataResourceDataTypesLinkSet all_data_resource_data_types_links()
        raises (Reflective::MofError);
    boolean exists (
        in Foundation::Core::DataType data_type,
        in DataResource data_resource)
        raises (Reflective::MofError);
    DataTypeSet data_type (in DataResource data_resource)
        raises (Reflective::MofError);
    DataResourceSet data_resource (in Foundation::Core::DataType data_type)
        raises (Reflective::MofError);
    void add (
        in Foundation::Core::DataType data_type,
        in DataResource data_resource)
        raises (Reflective::MofError);
    void modify_data_type (
        in Foundation::Core::DataType data_type,
        in DataResource data_resource,
        in Foundation::Core::DataType new_data_type)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_data_resource (
        in Foundation::Core::DataType data_type,
        in DataResource data_resource,
        in DataResource new_data_resource)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in Foundation::Core::DataType data_type,
        in DataResource data_resource)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface DataResourceDataTypes

struct SoftwareSystemDeploymentsLink
{
    DeployedSoftwareSystem deployment;
    SoftwareSystem software_system;
};
typedef sequence<SoftwareSystemDeploymentsLink>
SoftwareSystemDeploymentsLinkSet;

interface SoftwareSystemDeployments : Reflective::RefAssociation
{
    SoftwareSystemDeploymentsLinkSet all_software_system_deployments_links()
        raises (Reflective::MofError);
    boolean exists (
        in DeployedSoftwareSystem deployment,
        in SoftwareSystem software_system)
        raises (Reflective::MofError);
    DeployedSoftwareSystemSet deployment (in SoftwareSystem software_system)
        raises (Reflective::MofError);
    SoftwareSystem software_system (in DeployedSoftwareSystem deployment)

```

```

        raises (Reflective::MofError);
void add (
    in DeployedSoftwareSystem deployment,
    in SoftwareSystem software_system)
    raises (Reflective::MofError);
void modify_deployment (
    in DeployedSoftwareSystem deployment,
    in SoftwareSystem software_system,
    in DeployedSoftwareSystem new_deployment)
    raises (Reflective::NotFound, Reflective::MofError);
void modify_software_system (
    in DeployedSoftwareSystem deployment,
    in SoftwareSystem software_system,
    in SoftwareSystem new_software_system)
    raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in DeployedSoftwareSystem deployment,
    in SoftwareSystem software_system)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface SoftwareSystemDeployments

struct DataResourceDataPackageLink
{
    ModelManagement::Package data_package;
    DataResource data_resource;
};
typedef sequence<DataResourceDataPackageLink>
DataResourceDataPackageLinkSet;

interface DataResourceDataPackage : Reflective::RefAssociation
{
    DataResourceDataPackageLinkSet all_data_resource_data_package_links()
        raises (Reflective::MofError);
    boolean exists (
        in ModelManagement::Package data_package,
        in DataResource data_resource)
        raises (Reflective::MofError);
    PackageSet data_package (in DataResource data_resource)
        raises (Reflective::MofError);
    DataResourceSet data_resource (in ModelManagement::Package data_package)
        raises (Reflective::MofError);
    void add (
        in ModelManagement::Package data_package,
        in DataResource data_resource)
        raises (Reflective::MofError);
    void modify_data_package (
        in ModelManagement::Package data_package,
        in DataResource data_resource,
        in ModelManagement::Package new_data_package)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_data_resource (

```

```

        in ModelManagement::Package data_package,
        in DataResource data_resource,
        in DataResource new_data_resource)
        raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in ModelManagement::Package data_package,
    in DataResource data_resource)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface DataResourceDataPackage

interface WarehouseDeploymentPackageFactory
{
    WarehouseDeploymentPackage create_warehouse_deployment_package ()
        raises (Reflective::MofError);
};

interface WarehouseDeploymentPackage : Reflective::RefPackage
{
    readonly attribute SiteClass site_ref;
    readonly attribute MachineClass machine_ref;
    readonly attribute SoftwareSystemClass software_system_ref;
    readonly attribute DeployedComponentClass deployed_component_ref;
    readonly attribute DeployedSoftwareSystemClass
deployed_software_system_ref;
    readonly attribute DataResourceClass data_resource_ref;
    readonly attribute DataProviderClass data_provider_ref;
    readonly attribute ProviderConnectionClass provider_connection_ref;
    readonly attribute RelatedSites related_sites_ref;
    readonly attribute ComponentDeployments component_deployments_ref;
    readonly attribute ComponentsOnMachine components_on_machine_ref;
    readonly attribute SiteMachines site_machines_ref;
    readonly attribute ConnectionDataTypeMappings
connection_data_type_mappings_ref;
    readonly attribute ProviderConnections provider_connections_ref;
    readonly attribute ResourceConnections resource_connections_ref;
    readonly attribute DataResourceDataTypes data_resource_data_types_ref;
    readonly attribute SoftwareSystemDeployments
software_system_deployments_ref;
    readonly attribute DataResourceDataPackage data_resource_data_package_ref;
};
};

#endif

```

## 2.10 WarehouseOperation.idl

```

#ifndef WAREHOUSE_OPERATION_IDL
#define WAREHOUSE_OPERATION_IDL
#pragma prefix "org.omg.cwm"
#include "Reflective.idl"
#include "Foundation.idl"
#include "BehavioralElements.idl"
#include "Transformation.idl"

module WarehouseOperation
{
    typedef sequence<Foundation::Core::ModelElement> ModelElementSet;
    interface StepExecutionClass;
    interface StepExecution;
    typedef sequence<StepExecution> StepExecutionSet;
    interface ActivityExecutionClass;
    interface ActivityExecution;
    typedef sequence<ActivityExecution> ActivityExecutionSet;
    interface MeasurementClass;
    interface Measurement;
    typedef sequence<Measurement> MeasurementSet;
    typedef sequence<Measurement> MeasurementUList;
    interface ChangeRequestClass;
    interface ChangeRequest;
    typedef sequence<ChangeRequest> ChangeRequestSet;
    typedef sequence<ChangeRequest> ChangeRequestUList;
    interface WarehouseOperationPackage;
    enum MeasurementType {measure, estimate, plan};

    interface StepExecutionClass : Foundation::Core::ModelElementClass
    {
        readonly attribute StepExecutionSet all_of_type_step_execution;
        readonly attribute StepExecutionSet all_of_class_step_execution;
        StepExecution create_step_execution (
            in Foundation::DataTypes::Name name,
            in Foundation::DataTypes::VisibilityKind visibility,
            in boolean is_specification,
            in Foundation::DataTypes::UmlTime start_date,
            in Foundation::DataTypes::UmlTime end_date,
            in boolean in_progress,
            in boolean successful,
            in Foundation::DataTypes::Expression status)
            raises (Reflective::MofError);
    };

    interface StepExecution : StepExecutionClass, Foundation::Core::ModelElement
    {
        Foundation::DataTypes::UmlTime start_date ()
            raises (Reflective::MofError);
    };

```

```

void set_start_date (in Foundation::DataTypes::UmlTime new_value)
    raises (Reflective::MofError);
Foundation::DataTypes::UmlTime end_date ()
    raises (Reflective::NotSet, Reflective::MofError);
void set_end_date (in Foundation::DataTypes::UmlTime new_value)
    raises (Reflective::MofError);
void unset_end_date ()
    raises (Reflective::MofError);
boolean in_progress ()
    raises (Reflective::MofError);
void set_in_progress (in boolean new_value)
    raises (Reflective::MofError);
boolean successful ()
    raises (Reflective::MofError);
void set_successful (in boolean new_value)
    raises (Reflective::MofError);
Foundation::DataTypes::Expression status ()
    raises (Reflective::MofError);
void set_status (in Foundation::DataTypes::Expression new_value)
    raises (Reflective::MofError);
Transformation::TransformationStep transformation_step ()
    raises (Reflective::MofError);
void set_transformation_step (in Transformation::TransformationStep
new_value)
    raises (Reflective::MofError);
ActivityExecution activity_execution ()
    raises (Reflective::MofError);
void set_activity_execution (in ActivityExecution new_value)
    raises (Reflective::MofError);
BehavioralElements::CommonBehavior::CallAction call_action ()
    raises (Reflective::NotSet, Reflective::MofError);
void set_call_action (in BehavioralElements::CommonBehavior::CallAction
new_value)
    raises (Reflective::MofError);
void unset_call_action ()
    raises (Reflective::MofError);
}; // end of interface StepExecution

```

```

interface ActivityExecutionClass : Foundation::Core::ModelElementClass
{
    readonly attribute ActivityExecutionSet all_of_type_activity_execution;
    readonly attribute ActivityExecutionSet all_of_class_activity_execution;
    ActivityExecution create_activity_execution (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in Foundation::DataTypes::UmlTime start_date,
        in Foundation::DataTypes::UmlTime end_date,
        in boolean in_progress,
        in boolean successful,
        in Foundation::DataTypes::Expression status)

```

```

        raises (Reflective::MofError);
    };

    interface ActivityExecution : ActivityExecutionClass,
    Foundation::Core::ModelElement
    {
        Foundation::DataTypes::UmlTime start_date ()
            raises (Reflective::MofError);
        void set_start_date (in Foundation::DataTypes::UmlTime new_value)
            raises (Reflective::MofError);
        Foundation::DataTypes::UmlTime end_date ()
            raises (Reflective::NotSet, Reflective::MofError);
        void set_end_date (in Foundation::DataTypes::UmlTime new_value)
            raises (Reflective::MofError);
        void unset_end_date ()
            raises (Reflective::MofError);
        boolean in_progress ()
            raises (Reflective::MofError);
        void set_in_progress (in boolean new_value)
            raises (Reflective::MofError);
        boolean successful ()
            raises (Reflective::MofError);
        void set_successful (in boolean new_value)
            raises (Reflective::MofError);
        Foundation::DataTypes::Expression status ()
            raises (Reflective::MofError);
        void set_status (in Foundation::DataTypes::Expression new_value)
            raises (Reflective::MofError);
        Transformation::TransformationActivity transformation_activity ()
            raises (Reflective::MofError);
        void set_transformation_activity (in Transformation::TransformationActivity
new_value)
            raises (Reflective::MofError);
        StepExecutionSet step_execution ()
            raises (Reflective::MofError);
        void set_step_execution (in StepExecutionSet new_value)
            raises (Reflective::MofError);
        void unset_step_execution ()
            raises (Reflective::MofError);
        void add_step_execution (in StepExecution new_element)
            raises (Reflective::MofError);
        void modify_step_execution (
            in StepExecution old_element,
            in StepExecution new_element)
            raises (Reflective::NotFound, Reflective::MofError);
        void remove_step_execution (in StepExecution old_element)
            raises (Reflective::NotFound, Reflective::MofError);
    }; // end of interface ActivityExecution

    interface MeasurementClass : Foundation::Core::ModelElementClass
    {

```

```

readonly attribute MeasurementSet all_of_type_measurement;
readonly attribute MeasurementSet all_of_class_measurement;
Measurement create_measurement (
    in Foundation::DataTypes::Name name,
    in Foundation::DataTypes::VisibilityKind visibility,
    in boolean is_specification,
    in float value,
    in string unit,
    in MeasurementType type,
    in Foundation::DataTypes::UmlTime creation_date,
    in Foundation::DataTypes::UmlTime effective_date)
    raises (Reflective::MofError);
};

interface Measurement : MeasurementClass, Foundation::Core::ModelElement
{
    float value ()
        raises (Reflective::MofError);
    void set_value (in float new_value)
        raises (Reflective::MofError);
    string unit ()
        raises (Reflective::MofError);
    void set_unit (in string new_value)
        raises (Reflective::MofError);
    MeasurementType type ()
        raises (Reflective::MofError);
    void set_type (in MeasurementType new_value)
        raises (Reflective::MofError);
    Foundation::DataTypes::UmlTime creation_date ()
        raises (Reflective::MofError);
    void set_creation_date (in Foundation::DataTypes::UmlTime new_value)
        raises (Reflective::MofError);
    Foundation::DataTypes::UmlTime effective_date ()
        raises (Reflective::MofError);
    void set_effective_date (in Foundation::DataTypes::UmlTime new_value)
        raises (Reflective::MofError);
}; // end of interface Measurement

interface ChangeRequestClass : Foundation::Core::ModelElementClass
{
    readonly attribute ChangeRequestSet all_of_type_change_request;
    readonly attribute ChangeRequestSet all_of_class_change_request;
    ChangeRequest create_change_request (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in string change_description,
        in string change_reason,
        in string status,
        in boolean completed,
        in Foundation::DataTypes::UmlTime request_date,

```

```

        in Foundation::DataTypes::UmlTime completion_date)
        raises (Reflective::MofError);
    };

    interface ChangeRequest : ChangeRequestClass,
    Foundation::Core::ModelElement
    {
        string change_description ()
            raises (Reflective::MofError);
        void set_change_description (in string new_value)
            raises (Reflective::MofError);
        string change_reason ()
            raises (Reflective::MofError);
        void set_change_reason (in string new_value)
            raises (Reflective::MofError);
        string status ()
            raises (Reflective::MofError);
        void set_status (in string new_value)
            raises (Reflective::MofError);
        boolean completed ()
            raises (Reflective::MofError);
        void set_completed (in boolean new_value)
            raises (Reflective::MofError);
        Foundation::DataTypes::UmlTime request_date ()
            raises (Reflective::MofError);
        void set_request_date (in Foundation::DataTypes::UmlTime new_value)
            raises (Reflective::MofError);
        Foundation::DataTypes::UmlTime completion_date ()
            raises (Reflective::NotSet, Reflective::MofError);
        void set_completion_date (in Foundation::DataTypes::UmlTime new_value)
            raises (Reflective::MofError);
        void unset_completion_date ()
            raises (Reflective::MofError);
    }; // end of interface ChangeRequest

    struct TransformationStepExecutionsLink
    {
        StepExecution execution;
        Transformation::TransformationStep transformation_step;
    };
    typedef sequence<TransformationStepExecutionsLink>
    TransformationStepExecutionsLinkSet;

    interface TransformationStepExecutions : Reflective::RefAssociation
    {
        TransformationStepExecutionsLinkSet
        all_transformation_step_executions_links()
            raises (Reflective::MofError);
        boolean exists (
            in StepExecution execution,
            in Transformation::TransformationStep transformation_step)
    }

```

```

        raises (Reflective::MofError);
    StepExecutionSet execution (in Transformation::TransformationStep
transformation_step)
        raises (Reflective::MofError);
    Transformation::TransformationStep transformation_step (in StepExecution
execution)
        raises (Reflective::MofError);
    void add (
        in StepExecution execution,
        in Transformation::TransformationStep transformation_step)
        raises (Reflective::MofError);
    void modify_execution (
        in StepExecution execution,
        in Transformation::TransformationStep transformation_step,
        in StepExecution new_execution)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_transformation_step (
        in StepExecution execution,
        in Transformation::TransformationStep transformation_step,
        in Transformation::TransformationStep new_transformation_step)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in StepExecution execution,
        in Transformation::TransformationStep transformation_step)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface TransformationStepExecutions

struct TransformationActivityExecutionsLink
{
    Transformation::TransformationActivity transformation_activity;
    ActivityExecution execution;
};
typedef sequence<TransformationActivityExecutionsLink>
TransformationActivityExecutionsLinkSet;

interface TransformationActivityExecutions : Reflective::RefAssociation
{
    TransformationActivityExecutionsLinkSet
all_transformation_activity_executions_links()
        raises (Reflective::MofError);
    boolean exists (
        in Transformation::TransformationActivity transformation_activity,
        in ActivityExecution execution)
        raises (Reflective::MofError);
    Transformation::TransformationActivity transformation_activity (in
ActivityExecution execution)
        raises (Reflective::MofError);
    ActivityExecutionSet execution (in Transformation::TransformationActivity
transformation_activity)
        raises (Reflective::MofError);
    void add (

```

```

        in Transformation::TransformationActivity transformation_activity,
        in ActivityExecution execution)
        raises (Reflective::MofError);
void modify_transformation_activity (
    in Transformation::TransformationActivity transformation_activity,
    in ActivityExecution execution,
    in Transformation::TransformationActivity new_transformation_activity)
    raises (Reflective::NotFound, Reflective::MofError);
void modify_execution (
    in Transformation::TransformationActivity transformation_activity,
    in ActivityExecution execution,
    in ActivityExecution new_execution)
    raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in Transformation::TransformationActivity transformation_activity,
    in ActivityExecution execution)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface TransformationActivityExecutions

struct ActivityStepExecutionsLink
{
    ActivityExecution activity_execution;
    StepExecution step_execution;
};
typedef sequence<ActivityStepExecutionsLink> ActivityStepExecutionsLinkSet;

interface ActivityStepExecutions : Reflective::RefAssociation
{
    ActivityStepExecutionsLinkSet all_activity_step_executions_links()
        raises (Reflective::MofError);
    boolean exists (
        in ActivityExecution activity_execution,
        in StepExecution step_execution)
        raises (Reflective::MofError);
    ActivityExecution activity_execution (in StepExecution step_execution)
        raises (Reflective::MofError);
    StepExecutionSet step_execution (in ActivityExecution activity_execution)
        raises (Reflective::MofError);
    void add (
        in ActivityExecution activity_execution,
        in StepExecution step_execution)
        raises (Reflective::MofError);
    void modify_activity_execution (
        in ActivityExecution activity_execution,
        in StepExecution step_execution,
        in ActivityExecution new_activity_execution)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_step_execution (
        in ActivityExecution activity_execution,
        in StepExecution step_execution,
        in StepExecution new_step_execution)

```

```

        raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in ActivityExecution activity_execution,
    in StepExecution step_execution)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ActivityStepExecutions

struct ModelElementMeasurementLink
{
    Foundation::Core::ModelElement model_element;
    WarehouseOperation::Measurement measurement;
};
typedef sequence<ModelElementMeasurementLink>
ModelElementMeasurementLinkSet;

interface ModelElementMeasurement : Reflective::RefAssociation
{
    ModelElementMeasurementLinkSet all_model_element_measurement_links()
        raises (Reflective::MofError);
    boolean exists (
        in Foundation::Core::ModelElement model_element,
        in WarehouseOperation::Measurement measurement)
        raises (Reflective::MofError);
    Foundation::Core::ModelElement model_element (in
WarehouseOperation::Measurement measurement)
        raises (Reflective::MofError);
    MeasurementUList measurement (in Foundation::Core::ModelElement
model_element)
        raises (Reflective::MofError);
    void add (
        in Foundation::Core::ModelElement model_element,
        in WarehouseOperation::Measurement measurement)
        raises (Reflective::MofError);
    void add_before_measurement (
        in Foundation::Core::ModelElement model_element,
        in WarehouseOperation::Measurement measurement,
        in WarehouseOperation::Measurement before)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_model_element (
        in Foundation::Core::ModelElement model_element,
        in WarehouseOperation::Measurement measurement,
        in Foundation::Core::ModelElement new_model_element)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_measurement (
        in Foundation::Core::ModelElement model_element,
        in WarehouseOperation::Measurement measurement,
        in WarehouseOperation::Measurement new_measurement)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in Foundation::Core::ModelElement model_element,
        in WarehouseOperation::Measurement measurement)

```

```

        raises (Reflective::NotFound, Reflective::MofError);
    }; // end of interface ModelElementMeasurement

    struct ModelElementChangeRequestLink
    {
        Foundation::Core::ModelElement model_element;
        ChangeRequest change_request;
    };
    typedef sequence<ModelElementChangeRequestLink>
    ModelElementChangeRequestLinkSet;

    interface ModelElementChangeRequest : Reflective::RefAssociation
    {
        ModelElementChangeRequestLinkSet
    all_model_element_change_request_links()
        raises (Reflective::MofError);
        boolean exists (
            in Foundation::Core::ModelElement model_element,
            in ChangeRequest change_request)
            raises (Reflective::MofError);
        ModelElementSet model_element (in ChangeRequest change_request)
            raises (Reflective::MofError);
        ChangeRequestUList change_request (in Foundation::Core::ModelElement
        model_element)
            raises (Reflective::MofError);
        void add (
            in Foundation::Core::ModelElement model_element,
            in ChangeRequest change_request)
            raises (Reflective::MofError);
        void add_before_change_request (
            in Foundation::Core::ModelElement model_element,
            in ChangeRequest change_request,
            in ChangeRequest before)
            raises (Reflective::NotFound, Reflective::MofError);
        void modify_model_element (
            in Foundation::Core::ModelElement model_element,
            in ChangeRequest change_request,
            in Foundation::Core::ModelElement new_model_element)
            raises (Reflective::NotFound, Reflective::MofError);
        void modify_change_request (
            in Foundation::Core::ModelElement model_element,
            in ChangeRequest change_request,
            in ChangeRequest new_change_request)
            raises (Reflective::NotFound, Reflective::MofError);
        void remove (
            in Foundation::Core::ModelElement model_element,
            in ChangeRequest change_request)
            raises (Reflective::NotFound, Reflective::MofError);
    }; // end of interface ModelElementChangeRequest

    struct StepExecutionCallActionLink

```

```

{
    BehavioralElements::CommonBehavior::CallAction call_action;
    StepExecution step_execution;
};
typedef sequence<StepExecutionCallActionLink>
StepExecutionCallActionLinkSet;

interface StepExecutionCallAction : Reflective::RefAssociation
{
    StepExecutionCallActionLinkSet all_step_execution_call_action_links()
        raises (Reflective::MofError);
    boolean exists (
        in BehavioralElements::CommonBehavior::CallAction call_action,
        in StepExecution step_execution)
        raises (Reflective::MofError);
    BehavioralElements::CommonBehavior::CallAction call_action (in
StepExecution step_execution)
        raises (Reflective::MofError);
    StepExecutionSet step_execution (in
BehavioralElements::CommonBehavior::CallAction call_action)
        raises (Reflective::MofError);
    void add (
        in BehavioralElements::CommonBehavior::CallAction call_action,
        in StepExecution step_execution)
        raises (Reflective::MofError);
    void modify_call_action (
        in BehavioralElements::CommonBehavior::CallAction call_action,
        in StepExecution step_execution,
        in BehavioralElements::CommonBehavior::CallAction new_call_action)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_step_execution (
        in BehavioralElements::CommonBehavior::CallAction call_action,
        in StepExecution step_execution,
        in StepExecution new_step_execution)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in BehavioralElements::CommonBehavior::CallAction call_action,
        in StepExecution step_execution)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface StepExecutionCallAction

interface WarehouseOperationPackageFactory
{
    WarehouseOperationPackage create_warehouse_operation_package ()
        raises (Reflective::MofError);
};

interface WarehouseOperationPackage : Reflective::RefPackage
{
    readonly attribute StepExecutionClass step_execution_ref;
    readonly attribute ActivityExecutionClass activity_execution_ref;

```

```
        readonly attribute MeasurementClass measurement_ref;
        readonly attribute ChangeRequestClass change_request_ref;
        readonly attribute TransformationStepExecutions
transformation_step_executions_ref;
        readonly attribute TransformationActivityExecutions
transformation_activity_executions_ref;
        readonly attribute ActivityStepExecutions activity_step_executions_ref;
        readonly attribute ModelElementMeasurement
model_element_measurement_ref;
        readonly attribute ModelElementChangeRequest
model_element_change_request_ref;
        readonly attribute StepExecutionCallAction step_execution_call_action_ref;
    };
};

#endif
```

## 2.11 WarehouseProcess.idl

```

#ifndef WAREHOUSE_PROCESS_IDL
#define WAREHOUSE_PROCESS_IDL
#pragma prefix "org.omg.cwm"
#include "Reflective.idl"
#include "Foundation.idl"
#include "ModelManagement.idl"
#include "BehavioralElements.idl"
#include "Transformation.idl"

module WarehouseProcess
{
    interface WarehouseProcessClass;
    interface WarehouseProcess;
    typedef sequence<WarehouseProcess> WarehouseProcessSet;
    interface WarehouseProcessPackage;

    module DataType
    {
        interface DataTypePackage;
        enum RecurringType {everyYear, everyMonth, everyWeek, everyDay,
everyHour, everyMinute};
        enum DayOfWeek {monday, tuesday, wednesday, thursday, friday, saturday,
sunday, workingDay, nonworkingDay};
        typedef string Duration;
        enum WaitRuleType {waitForAll, waitForAny};

        interface DataTypePackage : Reflective::RefPackage
        {
            };
        }; // end of module DataType

    module Events
    {
        interface WarehouseEventClass;
        interface WarehouseEvent;
        typedef sequence<WarehouseEvent> WarehouseEventSet;
        interface ScheduleEventClass;
        interface ScheduleEvent;
        typedef sequence<ScheduleEvent> ScheduleEventSet;
        interface PointInTimeEventClass;
        interface PointInTimeEvent;
        typedef sequence<PointInTimeEvent> PointInTimeEventSet;
        interface CustomCalendarEventClass;
        interface CustomCalendarEvent;
        typedef sequence<CustomCalendarEvent> CustomCalendarEventSet;
        interface CustomCalendarClass;
        interface CustomCalendar;
        typedef sequence<CustomCalendar> CustomCalendarSet;
    }
}

```

```

interface CalendarDateClass;
interface CalendarDate;
typedef sequence<CalendarDate> CalendarDateSet;
interface IntervalEventClass;
interface IntervalEvent;
typedef sequence<IntervalEvent> IntervalEventSet;
interface ExternalEventClass;
interface ExternalEvent;
typedef sequence<ExternalEvent> ExternalEventSet;
interface InternalEventClass;
interface InternalEvent;
typedef sequence<InternalEvent> InternalEventSet;
interface CascadeEventClass;
interface CascadeEvent;
typedef sequence<CascadeEvent> CascadeEventSet;
interface RetryEventClass;
interface RetryEvent;
typedef sequence<RetryEvent> RetryEventSet;
interface RecurringPointInTimeEventClass;
interface RecurringPointInTimeEvent;
typedef sequence<RecurringPointInTimeEvent>
RecurringPointInTimeEventSet;
interface EventsPackage;

interface WarehouseEventClass :
BehavioralElements::StateMachines::EventClass
{
    readonly attribute WarehouseEventSet all_of_type_warehouse_event;
};

interface WarehouseEvent : WarehouseEventClass,
BehavioralElements::StateMachines::Event
{
}; // end of interface WarehouseEvent

interface ScheduleEventClass : WarehouseEventClass
{
    readonly attribute ScheduleEventSet all_of_type_schedule_event;
};

interface ScheduleEvent : ScheduleEventClass, WarehouseEvent
{
}; // end of interface ScheduleEvent

interface PointInTimeEventClass : ScheduleEventClass
{
    readonly attribute PointInTimeEventSet all_of_type_point_in_time_event;
    readonly attribute PointInTimeEventSet all_of_class_point_in_time_event;
    PointInTimeEvent create_point_in_time_event (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,

```

```

        in boolean is_specification)
        raises (Reflective::MofError);
    };

    interface PointInTimeEvent : PointInTimeEventClass, ScheduleEvent
    {
    }; // end of interface PointInTimeEvent

    interface CustomCalendarEventClass : PointInTimeEventClass
    {
        readonly attribute CustomCalendarEventSet
all_of_type_custom_calendar_event;
        readonly attribute CustomCalendarEventSet
all_of_class_custom_calendar_event;
        CustomCalendarEvent create_custom_calendar_event (
            in Foundation::DataTypes::Name name,
            in Foundation::DataTypes::VisibilityKind visibility,
            in boolean is_specification)
            raises (Reflective::MofError);
    };

    interface CustomCalendarEvent : CustomCalendarEventClass,
PointInTimeEvent
    {
    }; // end of interface CustomCalendarEvent

    interface CustomCalendarClass : ModelManagement::PackageClass
    {
        readonly attribute CustomCalendarSet all_of_type_custom_calendar;
        readonly attribute CustomCalendarSet all_of_class_custom_calendar;
        CustomCalendar create_custom_calendar (
            in Foundation::DataTypes::Name name,
            in Foundation::DataTypes::VisibilityKind visibility,
            in boolean is_specification,
            in boolean is_root,
            in boolean is_leaf,
            in boolean is_abstract)
            raises (Reflective::MofError);
    };

    interface CustomCalendar : CustomCalendarClass,
ModelManagement::Package
    {
    }; // end of interface CustomCalendar

    interface CalendarDateClass : Foundation::Core::ModelElementClass
    {
        readonly attribute CalendarDateSet all_of_type_calendar_date;
        readonly attribute CalendarDateSet all_of_class_calendar_date;
        CalendarDate create_calendar_date (
            in Foundation::DataTypes::Name name,

```

```

        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in Foundation::DataTypes::UmlTime specific_date)
        raises (Reflective::MofError);
    };

interface CalendarDate : CalendarDateClass, Foundation::Core::ModelElement
{
    Foundation::DataTypes::UmlTime specific_date ()
        raises (Reflective::MofError);
    void set_specific_date (in Foundation::DataTypes::UmlTime new_value)
        raises (Reflective::MofError);
}; // end of interface CalendarDate

interface IntervalEventClass : ScheduleEventClass
{
    readonly attribute IntervalEventSet all_of_type_interval_event;
    readonly attribute IntervalEventSet all_of_class_interval_event;
    IntervalEvent create_interval_event (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in DataType::Duration duration)
        raises (Reflective::MofError);
};

interface IntervalEvent : IntervalEventClass, ScheduleEvent
{
    DataType::Duration duration ()
        raises (Reflective::MofError);
    void set_duration (in DataType::Duration new_value)
        raises (Reflective::MofError);
}; // end of interface IntervalEvent

interface ExternalEventClass : WarehouseEventClass
{
    readonly attribute ExternalEventSet all_of_type_external_event;
    readonly attribute ExternalEventSet all_of_class_external_event;
    ExternalEvent create_external_event (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in string description)
        raises (Reflective::MofError);
};

interface ExternalEvent : ExternalEventClass, WarehouseEvent
{
    string description ()
        raises (Reflective::MofError);
    void set_description (in string new_value)

```

```

        raises (Reflective::MofError);
    }; // end of interface ExternalEvent

interface InternalEventClass : WarehouseEventClass
{
    readonly attribute InternalEventSet all_of_type_internal_event;
    readonly attribute InternalEventSet all_of_class_internal_event;
    InternalEvent create_internal_event (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in Foundation::DataTypes::BooleanExpression condition)
        raises (Reflective::MofError);
    };

interface InternalEvent : InternalEventClass, WarehouseEvent
{
    Foundation::DataTypes::BooleanExpression condition ()
        raises (Reflective::MofError);
    void set_condition (in Foundation::DataTypes::BooleanExpression new_value)
        raises (Reflective::MofError);
    }; // end of interface InternalEvent

interface CascadeEventClass : InternalEventClass
{
    readonly attribute CascadeEventSet all_of_type_cascade_event;
    readonly attribute CascadeEventSet all_of_class_cascade_event;
    CascadeEvent create_cascade_event (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,
        in boolean is_specification,
        in Foundation::DataTypes::BooleanExpression condition,
        in DataType::WaitRuleType wait_rule)
        raises (Reflective::MofError);
    };

interface CascadeEvent : CascadeEventClass, InternalEvent
{
    DataType::WaitRuleType wait_rule ()
        raises (Reflective::MofError);
    void set_wait_rule (in DataType::WaitRuleType new_value)
        raises (Reflective::MofError);
    }; // end of interface CascadeEvent

interface RetryEventClass : InternalEventClass
{
    readonly attribute RetryEventSet all_of_type_retry_event;
    readonly attribute RetryEventSet all_of_class_retry_event;
    RetryEvent create_retry_event (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,

```

```

        in boolean is_specification,
        in Foundation::DataTypes::BooleanExpression condition,
        in DataType::Duration wait_duration,
        in Foundation::DataTypes::Integer max_count)
        raises (Reflective::MofError);
    };

    interface RetryEvent : RetryEventClass, InternalEvent
    {
        DataType::Duration wait_duration ()
            raises (Reflective::MofError);
        void set_wait_duration (in DataType::Duration new_value)
            raises (Reflective::MofError);
        Foundation::DataTypes::Integer max_count ()
            raises (Reflective::MofError);
        void set_max_count (in Foundation::DataTypes::Integer new_value)
            raises (Reflective::MofError);
    }; // end of interface RetryEvent

    interface RecurringPointInTimeEventClass : PointInTimeEventClass
    {
        readonly attribute RecurringPointInTimeEventSet
all_of_type_recurring_point_in_time_event;
        readonly attribute RecurringPointInTimeEventSet
all_of_class_recurring_point_in_time_event;
        RecurringPointInTimeEvent create_recurring_point_in_time_event (
            in Foundation::DataTypes::Name name,
            in Foundation::DataTypes::VisibilityKind visibility,
            in boolean is_specification,
            in DataType::RecurringType recurring_type,
            in Foundation::DataTypes::Integer frequency_factor,
            in Foundation::DataTypes::Integer month,
            in Foundation::DataTypes::Integer day_of_month,
            in DataType::DayOfWeek day_of_week,
            in Foundation::DataTypes::Integer hour,
            in Foundation::DataTypes::Integer minute,
            in Foundation::DataTypes::Integer second)
            raises (Reflective::MofError);
    };

    interface RecurringPointInTimeEvent : RecurringPointInTimeEventClass,
PointInTimeEvent
    {
        DataType::RecurringType recurring_type ()
            raises (Reflective::MofError);
        void set_recurring_type (in DataType::RecurringType new_value)
            raises (Reflective::MofError);
        Foundation::DataTypes::Integer frequency_factor ()
            raises (Reflective::MofError);
        void set_frequency_factor (in Foundation::DataTypes::Integer new_value)
            raises (Reflective::MofError);
    };

```

```

Foundation::DataTypes::Integer month ()
    raises (Reflective::MofError);
void set_month (in Foundation::DataTypes::Integer new_value)
    raises (Reflective::MofError);
Foundation::DataTypes::Integer day_of_month ()
    raises (Reflective::MofError);
void set_day_of_month (in Foundation::DataTypes::Integer new_value)
    raises (Reflective::MofError);
DataType::DayOfWeek day_of_week ()
    raises (Reflective::MofError);
void set_day_of_week (in DataType::DayOfWeek new_value)
    raises (Reflective::MofError);
Foundation::DataTypes::Integer hour ()
    raises (Reflective::MofError);
void set_hour (in Foundation::DataTypes::Integer new_value)
    raises (Reflective::MofError);
Foundation::DataTypes::Integer minute ()
    raises (Reflective::MofError);
void set_minute (in Foundation::DataTypes::Integer new_value)
    raises (Reflective::MofError);
Foundation::DataTypes::Integer second ()
    raises (Reflective::MofError);
void set_second (in Foundation::DataTypes::Integer new_value)
    raises (Reflective::MofError);
}; // end of interface RecurringPointInTimeEvent

interface EventsPackage : Reflective::RefPackage
{
    readonly attribute WarehouseEventClass warehouse_event_ref;
    readonly attribute ScheduleEventClass schedule_event_ref;
    readonly attribute PointInTimeEventClass point_in_time_event_ref;
    readonly attribute CustomCalendarEventClass custom_calendar_event_ref;
    readonly attribute CustomCalendarClass custom_calendar_ref;
    readonly attribute CalendarDateClass calendar_date_ref;
    readonly attribute IntervalEventClass interval_event_ref;
    readonly attribute ExternalEventClass external_event_ref;
    readonly attribute InternalEventClass internal_event_ref;
    readonly attribute CascadeEventClass cascade_event_ref;
    readonly attribute RetryEventClass retry_event_ref;
    readonly attribute RecurringPointInTimeEventClass
recurring_point_in_time_event_ref;
};
}; // end of module Events

interface WarehouseProcessClass : Foundation::Core::ModelElementClass
{
    readonly attribute WarehouseProcessSet all_of_type_warehouse_process;
    readonly attribute WarehouseProcessSet all_of_class_warehouse_process;
    WarehouseProcess create_warehouse_process (
        in Foundation::DataTypes::Name name,
        in Foundation::DataTypes::VisibilityKind visibility,

```

```

        in boolean is_specification,
        in boolean static_definition,
        in boolean is_sequential)
        raises (Reflective::MofError);
    };

    interface WarehouseProcess : WarehouseProcessClass,
    Foundation::Core::ModelElement
    {
        boolean static_definition ()
            raises (Reflective::MofError);
        void set_static_definition (in boolean new_value)
            raises (Reflective::MofError);
        boolean is_sequential ()
            raises (Reflective::MofError);
        void set_is_sequential (in boolean new_value)
            raises (Reflective::MofError);
        Events::WarehouseEventSet warehouse_event ()
            raises (Reflective::MofError);
        void set_warehouse_event (in Events::WarehouseEventSet new_value)
            raises (Reflective::MofError);
        void add_warehouse_event (in Events::WarehouseEvent new_element)
            raises (Reflective::MofError);
        void modify_warehouse_event (
            in Events::WarehouseEvent old_element,
            in Events::WarehouseEvent new_element)
            raises (Reflective::NotFound, Reflective::MofError);
        void remove_warehouse_event (in Events::WarehouseEvent old_element)
            raises (Reflective::NotFound, Reflective::MofError);
        Events::InternalEventSet internal_event ()
            raises (Reflective::MofError);
        void set_internal_event (in Events::InternalEventSet new_value)
            raises (Reflective::MofError);
        void unset_internal_event ()
            raises (Reflective::MofError);
        void add_internal_event (in Events::InternalEvent new_element)
            raises (Reflective::MofError);
        void modify_internal_event (
            in Events::InternalEvent old_element,
            in Events::InternalEvent new_element)
            raises (Reflective::NotFound, Reflective::MofError);
        void remove_internal_event (in Events::InternalEvent old_element)
            raises (Reflective::NotFound, Reflective::MofError);
        Transformation::TransformationStep transformation_step ()
            raises (Reflective::NotSet, Reflective::MofError);
        void set_transformation_step (in Transformation::TransformationStep
new_value)
            raises (Reflective::MofError);
        void unset_transformation_step ()
            raises (Reflective::MofError);
    }; // end of interface WarehouseProcess

```

```

struct ACustomCalendarCustomCalendarEventLink
{
    Events::CustomCalendar custom_calendar;
    Events::CustomCalendarEvent custom_calendar_event;
};
typedef sequence<ACustomCalendarCustomCalendarEventLink>
ACustomCalendarCustomCalendarEventLinkSet;

interface ACustomCalendarCustomCalendarEvent : Reflective::RefAssociation
{
    ACustomCalendarCustomCalendarEventLinkSet
all_a_custom_calendar_custom_calendar_event_links()
    raises (Reflective::MofError);
    boolean exists (
        in Events::CustomCalendar custom_calendar,
        in Events::CustomCalendarEvent custom_calendar_event)
    raises (Reflective::MofError);
    Events::CustomCalendar custom_calendar (in Events::CustomCalendarEvent
custom_calendar_event)
    raises (Reflective::MofError);
    Events::CustomCalendarEventSet custom_calendar_event (in
Events::CustomCalendar custom_calendar)
    raises (Reflective::MofError);
    void add (
        in Events::CustomCalendar custom_calendar,
        in Events::CustomCalendarEvent custom_calendar_event)
    raises (Reflective::MofError);
    void modify_custom_calendar (
        in Events::CustomCalendar custom_calendar,
        in Events::CustomCalendarEvent custom_calendar_event,
        in Events::CustomCalendar new_custom_calendar)
    raises (Reflective::NotFound, Reflective::MofError);
    void modify_custom_calendar_event (
        in Events::CustomCalendar custom_calendar,
        in Events::CustomCalendarEvent custom_calendar_event,
        in Events::CustomCalendarEvent new_custom_calendar_event)
    raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in Events::CustomCalendar custom_calendar,
        in Events::CustomCalendarEvent custom_calendar_event)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ACustomCalendarCustomCalendarEvent

struct EventLink
{
    WarehouseProcess warehouse_process;
    Events::WarehouseEvent warehouse_event;
};
typedef sequence<EventLink> EventLinkSet;

```

```

interface Event : Reflective::RefAssociation
{
    EventLinkSet all_event_links()
        raises (Reflective::MofError);
    boolean exists (
        in WarehouseProcess warehouse_process,
        in Events::WarehouseEvent warehouse_event)
        raises (Reflective::MofError);
    WarehouseProcessSet warehouse_process (in Events::WarehouseEvent
warehouse_event)
        raises (Reflective::MofError);
    Events::WarehouseEventSet warehouse_event (in WarehouseProcess
warehouse_process)
        raises (Reflective::MofError);
    void add (
        in WarehouseProcess warehouse_process,
        in Events::WarehouseEvent warehouse_event)
        raises (Reflective::MofError);
    void modify_warehouse_process (
        in WarehouseProcess warehouse_process,
        in Events::WarehouseEvent warehouse_event,
        in WarehouseProcess new_warehouse_process)
        raises (Reflective::NotFound, Reflective::MofError);
    void modify_warehouse_event (
        in WarehouseProcess warehouse_process,
        in Events::WarehouseEvent warehouse_event,
        in Events::WarehouseEvent new_warehouse_event)
        raises (Reflective::NotFound, Reflective::MofError);
    void remove (
        in WarehouseProcess warehouse_process,
        in Events::WarehouseEvent warehouse_event)
        raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface Event

struct TriggeringProcessLink
{
    WarehouseProcess triggering_wp;
    Events::InternalEvent internal_event;
};
typedef sequence<TriggeringProcessLink> TriggeringProcessLinkSet;

interface TriggeringProcess : Reflective::RefAssociation
{
    TriggeringProcessLinkSet all_triggering_process_links()
        raises (Reflective::MofError);
    boolean exists (
        in WarehouseProcess triggering_wp,
        in Events::InternalEvent internal_event)
        raises (Reflective::MofError);
    WarehouseProcessSet triggering_wp (in Events::InternalEvent internal_event)
        raises (Reflective::MofError);
}

```

```

Events::InternalEventSet internal_event (in WarehouseProcess triggering_wp)
  raises (Reflective::MofError);
void add (
  in WarehouseProcess triggering_wp,
  in Events::InternalEvent internal_event)
  raises (Reflective::MofError);
void modify_triggering_wp (
  in WarehouseProcess triggering_wp,
  in Events::InternalEvent internal_event,
  in WarehouseProcess new_triggering_wp)
  raises (Reflective::NotFound, Reflective::MofError);
void modify_internal_event (
  in WarehouseProcess triggering_wp,
  in Events::InternalEvent internal_event,
  in Events::InternalEvent new_internal_event)
  raises (Reflective::NotFound, Reflective::MofError);
void remove (
  in WarehouseProcess triggering_wp,
  in Events::InternalEvent internal_event)
  raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface TriggeringProcess

struct ATransformationStepWarehouseProcessLink
{
  Transformation::TransformationStep transformation_step;
  WarehouseProcess warehouse_process;
};
typedef sequence<ATransformationStepWarehouseProcessLink>
ATransformationStepWarehouseProcessLinkSet;

interface ATransformationStepWarehouseProcess : Reflective::RefAssociation
{
  ATransformationStepWarehouseProcessLinkSet
all_a_transformation_step_warehouse_process_links()
  raises (Reflective::MofError);
  boolean exists (
    in Transformation::TransformationStep transformation_step,
    in WarehouseProcess warehouse_process)
    raises (Reflective::MofError);
  Transformation::TransformationStep transformation_step (in
WarehouseProcess warehouse_process)
    raises (Reflective::MofError);
  WarehouseProcessSet warehouse_process (in
Transformation::TransformationStep transformation_step)
    raises (Reflective::MofError);
  void add (
    in Transformation::TransformationStep transformation_step,
    in WarehouseProcess warehouse_process)
    raises (Reflective::MofError);
  void modify_transformation_step (
    in Transformation::TransformationStep transformation_step,

```

```

        in WarehouseProcess warehouse_process,
        in Transformation::TransformationStep new_transformation_step)
        raises (Reflective::NotFound, Reflective::MofError);
void modify_warehouse_process (
    in Transformation::TransformationStep transformation_step,
    in WarehouseProcess warehouse_process,
    in WarehouseProcess new_warehouse_process)
    raises (Reflective::NotFound, Reflective::MofError);
void remove (
    in Transformation::TransformationStep transformation_step,
    in WarehouseProcess warehouse_process)
    raises (Reflective::NotFound, Reflective::MofError);
}; // end of interface ATransformationStepWarehouseProcess

interface WarehouseProcessPackageFactory
{
    WarehouseProcessPackage create_warehouse_process_package ()
        raises (Reflective::MofError);
};

interface WarehouseProcessPackage : Reflective::RefPackage
{
    readonly attribute Events::EventsPackage events_ref;
    readonly attribute DataType::DataTypePackage data_type_ref;
    readonly attribute WarehouseProcessClass warehouse_process_ref;
    readonly attribute ACustomCalendarCustomCalendarEvent
a_custom_calendar_custom_calendar_event_ref;
    readonly attribute Event event_ref;
    readonly attribute TriggeringProcess triggering_process_ref;
    readonly attribute ATransformationStepWarehouseProcess
a_transformation_step_warehouse_process_ref;
};
};

#endif

```

## *CWM Document Type Definition*

---

3

This chapter contains an XML document type definition (DTD) for CWM metadata.

The DTD is generated from the CWM packages in chapter 1 according to Rule Set 3 of the XMI 1.1 Specification. Rule Set 3 produces the smallest DTD of the XMI rule sets. However, this DTD is large, even with Rule Set 3, because it incorporates all of UML. When the XMI Specification is revised to support namespaces, UML will be removed from the DTD, and the DTD will be split apart so that each of CWM's outer packages has its own DTD.

The CWM.dtd that follows requires complete metadata. Another DTD, called CWMRelaxed.dtd, permits incomplete metadata. Both DTDs are provided as separate files.

### 3.1 CWM.dtd

```

<!-- _____ -->
<!-- _____ -->
<!-- XMI is the top-level XML element for XMI transfer text -->
<!-- _____ -->

<!ELEMENT XMI (XMI.header, XMI.content?, XMI.difference*,
               XMI.extensions*) >
<!ATTLIST XMI
    xmi.version CDATA #FIXED "1.0"
    timestamp CDATA #IMPLIED
    verified (true | false) #IMPLIED >

<!-- _____ -->
<!-- _____ -->
<!-- XMI.header contains documentation and identifies the model, -->
<!-- metamodel, and metamodel -->
<!-- _____ -->

<!ELEMENT XMI.header (XMI.documentation?, XMI.model*, XMI.metamodel*,
                     XMI.metamodel*) >

<!-- _____ -->
<!-- _____ -->
<!-- documentation for transfer data -->
<!-- _____ -->

<!ELEMENT XMI.documentation (#PCDATA | XMI.owner | XMI.contact |
                             XMI.longDescription | XMI.shortDescription |
                             XMI.exporter | XMI.exporterVersion |
                             XMI.notice)* >

<!ELEMENT XMI.owner ANY >
<!ELEMENT XMI.contact ANY >
<!ELEMENT XMI.longDescription ANY >
<!ELEMENT XMI.shortDescription ANY >
<!ELEMENT XMI.exporter ANY >
<!ELEMENT XMI.exporterVersion ANY >
<!ELEMENT XMI.exporterID ANY >
<!ELEMENT XMI.notice ANY >

<!-- _____ -->
<!-- _____ -->
<!-- XMI.element.att defines the attributes that each XML element -->
<!-- that corresponds to a metamodel class must have to conform to -->
<!-- the XMI specification. -->
<!-- _____ -->

<!ENTITY % XMI.element.att
    'xmi.id ID #IMPLIED xmi.label CDATA #IMPLIED xmi.uuid
    CDATA #IMPLIED ' >

<!-- _____ -->
<!-- _____ -->
<!-- XMI.link.att defines the attributes that each XML element that -->
<!-- corresponds to a metamodel class must have to enable it to -->
<!-- function as a simple XLink as well as refer to model -->
<!-- constructs within the same XMI file. -->
<!-- _____ -->

<!ENTITY % XMI.link.att
    'xml:link CDATA #IMPLIED inline (true | false) #IMPLIED
    actuate (show | user) #IMPLIED href CDATA #IMPLIED role
    CDATA #IMPLIED title CDATA #IMPLIED show (embed | replace
    | new) #IMPLIED behavior CDATA #IMPLIED xmi.idref IDREF

```

```

                #IMPLIED xmi.uuidref CDATA #IMPLIED' >

<!-- _____ -->
<!-- _____ -->
<!-- XMI.model identifies the model(s) being transferred -->
<!-- _____ -->

<!ELEMENT XMI.model ANY >
<!-- ATTLIST XMI.model
        %XMI.link.att;
        xmi.name      CDATA #REQUIRED
        xmi.version    CDATA #IMPLIED >

<!-- _____ -->
<!-- _____ -->
<!-- XMI.metamodel identifies the metamodel(s) for the transferred -->
<!-- data -->
<!-- _____ -->

<!ELEMENT XMI.metamodel ANY >
<!-- ATTLIST XMI.metamodel
        %XMI.link.att;
        xmi.name      CDATA #REQUIRED
        xmi.version    CDATA #IMPLIED >

<!-- _____ -->
<!-- _____ -->
<!-- XMI.metamodel identifies the metamodel(s) for the -->
<!-- transferred data -->
<!-- _____ -->

<!ELEMENT XMI.metamodel ANY >
<!-- ATTLIST XMI.metamodel
        %XMI.link.att;
        xmi.name      CDATA #REQUIRED
        xmi.version    CDATA #IMPLIED >

<!-- _____ -->
<!-- _____ -->
<!-- XMI.content is the actual data being transferred -->
<!-- _____ -->

<!ELEMENT XMI.content ANY >

<!-- _____ -->
<!-- _____ -->
<!-- XMI.extensions contains data to transfer that does not conform -->
<!-- to the metamodel(s) in the header -->
<!-- _____ -->

<!ELEMENT XMI.extensions ANY >
<!-- ATTLIST XMI.extensions
        xmi.extender CDATA #REQUIRED >

<!-- _____ -->
<!-- _____ -->
<!-- extension contains information related to a specific model -->
<!-- construct that is not defined in the metamodel(s) in the header -->
<!-- _____ -->

<!ELEMENT XMI.extension ANY >
<!-- ATTLIST XMI.extension
        %XMI.element.att;
        %XMI.link.att;
        xmi.extender CDATA #REQUIRED
        xmi.extenderID CDATA #REQUIRED >

```

```

<!-- _____ -->
<!-- _____ -->
<!-- XMI.difference holds XML elements representing differences to a -->
<!-- base model -->
<!-- _____ -->

<!ELEMENT XMI.difference (XMI.difference | XMI.delete | XMI.add |
                           XMI.replace)* >
<!ATTLIST XMI.difference
           %XMI.element.att;
           %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- XMI.delete represents a deletion from a base model -->
<!-- _____ -->

<!ELEMENT XMI.delete EMPTY >
<!ATTLIST XMI.delete
           %XMI.element.att;
           %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- XMI.add represents an addition to a base model -->
<!-- _____ -->

<!ELEMENT XMI.add ANY >
<!ATTLIST XMI.add
           %XMI.element.att;
           %XMI.link.att;
           xmi.position CDATA "-1" >

<!-- _____ -->
<!-- _____ -->
<!-- XMI.replace represents the replacement of a model construct -->
<!-- with another model construct in a base model -->
<!-- _____ -->

<!ELEMENT XMI.replace ANY >
<!ATTLIST XMI.replace
           %XMI.element.att;
           %XMI.link.att;
           xmi.position CDATA "-1" >

<!-- _____ -->
<!-- _____ -->
<!-- XMI.reference may be used to refer to data types not defined in -->
<!-- the metamodel -->
<!-- _____ -->

<!ELEMENT XMI.reference ANY >
<!ATTLIST XMI.reference
           %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- This section contains the declaration of XML elements -->
<!-- representing data types -->
<!-- _____ -->

<!ELEMENT XMI.TypeDefinitions ANY >
<!ELEMENT XMI.field ANY >
<!ELEMENT XMI.seqItem ANY >
<!ELEMENT XMI.octetStream (#PCDATA) >
<!ELEMENT XMI.unionDiscrim ANY >

```

```

<!ELEMENT XMI.enum EMPTY >
<!ATTLIST XMI.enum xmi.value CDATA #REQUIRED >

<!ELEMENT XMI.any ANY >
<!ATTLIST XMI.any
    %XMI.link.att;
    xmi.type CDATA #IMPLIED
    xmi.name CDATA #IMPLIED >

<!ELEMENT XMI.CorbaTypeCode (XMI.CorbaTcAlias | XMI.CorbaTcStruct |
    XMI.CorbaTcSequence | XMI.CorbaTcArray |
    XMI.CorbaTcEnum | XMI.CorbaTcUnion |
    XMI.CorbaTcExcept | XMI.CorbaTcString |
    XMI.CorbaTcwstring | XMI.CorbaTcShort |
    XMI.CorbaTcLong | XMI.CorbaTcUshort |
    XMI.CorbaTcUlong | XMI.CorbaTcFloat |
    XMI.CorbaTcDouble | XMI.CorbaTcBoolean |
    XMI.CorbaTcChar | XMI.CorbaTcwchar |
    XMI.CorbaTcOctet | XMI.CorbaTcAny |
    XMI.CorbaTcTypeCode | XMI.CorbaTcPrincipal |
    XMI.CorbaTcNull | XMI.CorbaTcVoid |
    XMI.CorbaTcLongLong | XMI.CorbaTcObjRef |
    XMI.CorbaTcLongDouble) >
<!ATTLIST XMI.CorbaTypeCode
    %XMI.element.att; >

<!ELEMENT XMI.CorbaTcAlias (XMI.CorbaTypeCode) >
<!ATTLIST XMI.CorbaTcAlias
    xmi.tcName CDATA #REQUIRED
    xmi.tcId CDATA #IMPLIED >

<!ELEMENT XMI.CorbaTcStruct (XMI.CorbaTcField)* >
<!ATTLIST XMI.CorbaTcStruct
    xmi.tcName CDATA #REQUIRED
    xmi.tcId CDATA #IMPLIED >

<!ELEMENT XMI.CorbaTcField (XMI.CorbaTypeCode) >
<!ATTLIST XMI.CorbaTcField
    xmi.tcName CDATA #REQUIRED >

<!ELEMENT XMI.CorbaTcSequence (XMI.CorbaTypeCode |
    XMI.CorbaRecursiveType) >
<!ATTLIST XMI.CorbaTcSequence
    xmi.tcLength CDATA #REQUIRED >

<!ELEMENT XMI.CorbaRecursiveType EMPTY >
<!ATTLIST XMI.CorbaRecursiveType
    xmi.offset CDATA #REQUIRED >

<!ELEMENT XMI.CorbaTcArray (XMI.CorbaTypeCode) >
<!ATTLIST XMI.CorbaTcArray
    xmi.tcLength CDATA #REQUIRED >

<!ELEMENT XMI.CorbaTcObjRef EMPTY >
<!ATTLIST XMI.CorbaTcObjRef
    xmi.tcName CDATA #REQUIRED
    xmi.tcId CDATA #IMPLIED >

<!ELEMENT XMI.CorbaTcEnum (XMI.CorbaTcEnumLabel)* >
<!ATTLIST XMI.CorbaTcEnum
    xmi.tcName CDATA #REQUIRED
    xmi.tcId CDATA #IMPLIED >

<!ELEMENT XMI.CorbaTcEnumLabel EMPTY >
<!ATTLIST XMI.CorbaTcEnumLabel
    xmi.tcName CDATA #REQUIRED >

```

---

```

<!-- ELEMENT XMI.CorbaTcUnionMbr (XMI.CorbaTypeCode, XMI.any) -->
<!-- ATTLIST XMI.CorbaTcUnionMbr
      xmi.tcName CDATA #REQUIRED -->

<!-- ELEMENT XMI.CorbaTcUnion (XMI.CorbaTypeCode, XMI.CorbaTcUnionMbr*) -->
<!-- ATTLIST XMI.CorbaTcUnion
      xmi.tcName CDATA #REQUIRED
      xmi.tcId CDATA #IMPLIED -->

<!-- ELEMENT XMI.CorbaTcExcept (XMI.CorbaTcField)* -->
<!-- ATTLIST XMI.CorbaTcExcept
      xmi.tcName CDATA #REQUIRED
      xmi.tcId CDATA #IMPLIED -->

<!-- ELEMENT XMI.CorbaTcString EMPTY -->
<!-- ATTLIST XMI.CorbaTcString
      xmi.tcLength CDATA #REQUIRED -->

<!-- ELEMENT XMI.CorbaTcWstring EMPTY -->
<!-- ATTLIST XMI.CorbaTcWstring
      xmi.tcLength CDATA #REQUIRED -->

<!-- ELEMENT XMI.CorbaTcFixed EMPTY -->
<!-- ATTLIST XMI.CorbaTcFixed
      xmi.tcDigits CDATA #REQUIRED
      xmi.tcScale CDATA #REQUIRED -->

<!-- ELEMENT XMI.CorbaTcShort EMPTY -->
<!-- ELEMENT XMI.CorbaTcLong EMPTY -->
<!-- ELEMENT XMI.CorbaTcUshort EMPTY -->
<!-- ELEMENT XMI.CorbaTcUlong EMPTY -->
<!-- ELEMENT XMI.CorbaTcFloat EMPTY -->
<!-- ELEMENT XMI.CorbaTcDouble EMPTY -->
<!-- ELEMENT XMI.CorbaTcBoolean EMPTY -->
<!-- ELEMENT XMI.CorbaTcChar EMPTY -->
<!-- ELEMENT XMI.CorbaTcWchar EMPTY -->
<!-- ELEMENT XMI.CorbaTcOctet EMPTY -->
<!-- ELEMENT XMI.CorbaTcAny EMPTY -->
<!-- ELEMENT XMI.CorbaTcTypeCode EMPTY -->
<!-- ELEMENT XMI.CorbaTcPrincipal EMPTY -->
<!-- ELEMENT XMI.CorbaTcNull EMPTY -->
<!-- ELEMENT XMI.CorbaTcVoid EMPTY -->
<!-- ELEMENT XMI.CorbaTcLongLong EMPTY -->
<!-- ELEMENT XMI.CorbaTcLongDouble EMPTY -->

<!-- _____ -->
<!-- _____ -->
<!-- PACKAGE: Foundation -->
<!-- _____ -->
<!-- _____ -->

<!-- ENTITY % Foundation.Data_Types.AggregationKind
      ' xmi.value ( none| aggregate| composite ) #REQUIRED' -->

<!-- ENTITY % Foundation.Data_Types.ChangeableKind
      ' xmi.value ( changeable| frozen| addOnly ) #REQUIRED' -->

<!-- ENTITY % Foundation.Data_Types.ParameterDirectionKind
      ' xmi.value ( in| inout| out| return ) #REQUIRED' -->

<!-- ENTITY % Foundation.Data_Types.MessageDirectionKind
      ' xmi.value ( activation| return ) #REQUIRED' -->

<!-- ENTITY % Foundation.Data_Types.ScopeKind
      ' xmi.value ( instance| classifier ) #REQUIRED' -->

```

```

<!ENTITY % Foundation.Data_Types.VisibilityKind
    ' xmi.value ( public| protected| private ) #REQUIRED'>

<!ENTITY % Foundation.Data_Types.PseudostateKind
    ' xmi.value ( initial| deepHistory| shallowHistory| join| fork| branch| junction|
        final ) #REQUIRED'>

<!ENTITY % Foundation.Data_Types.CallConcurrencyKind
    ' xmi.value ( sequential| guarded| concurrent ) #REQUIRED'>

<!ENTITY % Foundation.Data_Types.OrderingKind
    ' xmi.value ( unordered| ordered| sorted ) #REQUIRED'>

<!-- _____ -->
<!-- _____ -->
<!-- PACKAGE: Foundation.Core _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- ***** Foundation.Core.A_association_connection ***** -->

<!ELEMENT Foundation.Core.Association.connection (
    Behavioral_Elements.Collaborations.AssociationEndRole
|Foundation.Core.AssociationEnd)* >

<!-- ***** Foundation.Core.A_owner_feature ***** -->

<!ELEMENT Foundation.Core.Classifier.feature ( Foundation.Core.Feature
|XML.Attribute
|Foundation.Core.Method
|CWMFoundation.UnionMember
|MDDB.DimensionedObject
|Relational.Procedure
|Olap.Measure
|Foundation.Core.Operation
|Foundation.Core.Attribute
|RecordOriented.Field
|RecordOriented.FixedOffsetField
|Behavioral_Elements.Common_Behavior.Reception
|Foundation.Core.BehavioralFeature
|Foundation.Core.StructuralFeature
|Relational.Column)* >

<!-- ***** Foundation.Core.A_namespace_ownedElement ***** -->

<!ELEMENT Foundation.Core.Namespace.ownedElement ( Transformation.TransformationMap
|Transformation.TransformationTree
|Transformation.TransformationTask
|Transformation.TransformationStep
|XML.ElementType
|WarehouseProcess.WarehouseProcess
|WarehouseProcess.Events.CascadeEvent
|WarehouseProcess.Events.CalendarDate
|WarehouseProcess.Events.RetryEvent
|Foundation.Core.Binding
|Foundation.Core.Comment
|Foundation.Core.Feature
|WarehouseDeployment.DeployedComponent
|MDDB.Dimension
|WarehouseDeployment.ProviderConnection
|XML.Attribute
|CWMFoundation.Telephone
|CWMFoundation.TypeAlias

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CWMFoundation.UniqueKey  
CWMFoundation.Document  
CWMFoundation.EmailID  
CWMFoundation.Location  
Model\_Management.Model  
Foundation.Core.Class  
Foundation.Core.Method  
Foundation.Core.Usage  
XML.MixedContent  
Model\_Management.Package  
RecordOriented.RecordFile  
WarehouseProcess.Events.RecurringPointInTimeEvent  
Transformation.ClassMap  
CWMFoundation.Description  
CWMFoundation.FeatureNode  
CWMFoundation.ElementNode  
CWMFoundation.Enumeration  
CWMFoundation.UnionMember  
CWMFoundation.ContactInfo  
CWMFoundation.ConstantNode  
Relational.SQLDistinctType  
Relational.SQLIndexColumn  
Foundation.Core.Flow  
Foundation.Core.Node  
Relational.UniqueConstraint  
WarehouseDeployment.SoftwareSystem  
MDDDB.DimensionedObject  
CWMFoundation.EnumerationLiteral  
Olap.Hierarchy  
Olap.MemberSelection  
RecordOriented.FieldValueCondition  
Relational.SQLDataType  
XML.ElementContent  
RecordOriented.Record  
Relational.SQLIndex  
Relational.SQLQuery  
Relational.BaseTable  
Relational.ColumnSet  
Relational.Procedure  
Relational.ForeignKey  
Behavioral\_Elements.Common\_Behavior.Link  
Behavioral\_Elements.State\_Machines.Event  
Behavioral\_Elements.State\_Machines.Guard  
Behavioral\_Elements.State\_Machines.State  
Transformation.DataObjectSet  
Olap.Measure  
Relational.SQLSimpleType  
WarehouseOperation.ActivityExecution  
Transformation.Transformation  
Model\_Management.Subsystem  
Foundation.Core.Classifier  
Foundation.Core.Operation  
Foundation.Core.Component  
Foundation.Core.Namespace  
Foundation.Core.Constraint  
Foundation.Core.Dependency  
Foundation.Core.Parameter  
Foundation.Core.Permission  
Foundation.Core.Abstraction  
Foundation.Core.Association  
Foundation.Core.Attribute  
Foundation.Core.Interface  
CWMFoundation.DataTypeMapping  
Foundation.Core.AssociationClass  
CWMFoundation.KeyRelationship  
CWMFoundation.ResponsibleParty  
XML.Schema

CWMFoundation.IndexedFeature  
 CWMFoundation.ExpressionNode  
 RecordOriented.Field  
 RecordOriented.Group  
 Behavioral\_Elements.Collaborations.ClassifierRole  
 Behavioral\_Elements.Collaborations.AssociationEndRole  
 Behavioral\_Elements.Collaborations.AssociationRole  
 Behavioral\_Elements.State\_Machines.CompositeState  
 Behavioral\_Elements.State\_Machines.SubmachineState  
 Behavioral\_Elements.Common\_Behavior.ActionSequence  
 Behavioral\_Elements.Common\_Behavior.AttributeLink  
 Behavioral\_Elements.Common\_Behavior.ComponentInstance  
 Behavioral\_Elements.Common\_Behavior.DestroyAction  
 Behavioral\_Elements.Common\_Behavior.TerminateAction  
 Behavioral\_Elements.Activity\_Graphs.ActivityGraph  
 Behavioral\_Elements.Activity\_Graphs.ClassifierInState  
 Behavioral\_Elements.Activity\_Graphs.ObjectFlowState  
 Behavioral\_Elements.Activity\_Graphs.SubactivityState  
 Behavioral\_Elements.Activity\_Graphs.ActionState  
 WarehouseOperation.Measurement  
 Behavioral\_Elements.Use\_Cases.Include  
 Behavioral\_Elements.Use\_Cases.UseCase  
 Relational.Table  
 Behavioral\_Elements.Collaborations.Interaction  
 Behavioral\_Elements.Common\_Behavior.CallAction  
 Behavioral\_Elements.Common\_Behavior.LinkObject  
 Olap.ValueBasedHierarchy  
 WarehouseDeployment.Site  
 Relational.View  
 Olap.CodedLevel  
 WarehouseProcess.Events.CustomCalendar  
 WarehouseProcess.Events.ExternalEvent  
 WarehouseProcess.Events.IntervalEvent  
 WarehouseProcess.Events.ScheduleEvent  
 WarehouseProcess.Events.WarehouseEvent  
 RecordOriented.FixedOffsetField  
 Behavioral\_Elements.Collaborations.Collaboration  
 Behavioral\_Elements.Common\_Behavior.CreateAction  
 Behavioral\_Elements.Common\_Behavior.NodeInstance  
 Behavioral\_Elements.Common\_Behavior.ReturnAction  
 Olap.CubeDimensionAssociation  
 Olap.DimensionMap  
 Olap.HierarchyMap  
 Transformation.PrecedenceConstrainedBy  
 Transformation.TransformationActivity  
 Transformation.AttributeMap  
 XML.Content  
 Olap.LevelBasedHierarchy  
 Olap.Dimension  
 Olap.Cube  
 Relational.SQLStructuredType  
 Olap.LevelMap  
 WarehouseDeployment.DataProvider  
 WarehouseDeployment.DataResource  
 Olap.Schema  
 WarehouseDeployment.Machine  
 WarehouseOperation.ChangeRequest  
 Foundation.Extension\_Mechanisms.Stereotype  
 WarehouseOperation.StepExecution  
 WarehouseProcess.Events.PointInTimeEvent  
 WarehouseProcess.Events.CustomCalendarEvent  
 Foundation.Core.DataType  
 MDDB.Schema  
 Foundation.Core.ModelElement  
 Foundation.Core.Relationship  
 Foundation.Core.Generalization  
 Foundation.Core.AssociationEnd

```

Behavioral_Elements.Activity_Graphs.CallState
Behavioral_Elements.Activity_Graphs.Partition
Behavioral_Elements.Collaborations.Message
Behavioral_Elements.Common_Behavior.LinkEnd
Behavioral_Elements.Common_Behavior.DataValue
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Object
Behavioral_Elements.Common_Behavior.Argument
Behavioral_Elements.Common_Behavior.Action
Behavioral_Elements.Common_Behavior.Exception
Behavioral_Elements.Common_Behavior.Stimulus
Foundation.Core.BehavioralFeature
Behavioral_Elements.State_Machines.CallEvent
Behavioral_Elements.State_Machines.FinalState
Behavioral_Elements.State_Machines.SynchState
Behavioral_Elements.State_Machines.StubState
Behavioral_Elements.State_Machines.Transition
Behavioral_Elements.State_Machines.TimeEvent
Behavioral_Elements.Use_Cases.ExtensionPoint
Behavioral_Elements.Use_Cases.UseCaseInstance
Foundation.Core.GeneralizableElement
Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema
Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation)* >

```

```

<!-- ***** Foundation.Core.A_behavioralFeature_parameter ***** -->
<!ELEMENT Foundation.Core.BehavioralFeature.parameter ( Foundation.Core.Parameter)* >

<!-- ***** Foundation.Core.A_qualifier_associationEnd ***** -->
<!ELEMENT Foundation.Core.AssociationEnd.qualifier ( XML.Attribute
|CWMFoundation.UnionMember
|MDDB.DimensionedObject
|Olap.Measure
|Foundation.Core.Attribute
|RecordOriented.Field
|RecordOriented.FixedOffsetField
|Relational.Column)* >

<!-- ***** Foundation.Core.A_deploymentLocation_resident ***** -->
<!ELEMENT Foundation.Core.Node.resident ( Transformation.TransformationTask
|Foundation.Core.Component)* >

```

```

<!-- ***** Foundation.Core.A_binding_argument ***** -->
<!ELEMENT Foundation.Core.Binding.argument ( Transformation.TransformationMap
|Transformation.TransformationTree
|Transformation.TransformationTask
|Transformation.TransformationStep
|XML.ElementType
|WarehouseProcess.WarehouseProcess
|WarehouseProcess.Events.CascadeEvent
|WarehouseProcess.Events.CalendarDate
|WarehouseProcess.Events.RetryEvent
|Foundation.Core.Binding
|Foundation.Core.Comment
|Foundation.Core.Feature
|WarehouseDeployment.DeployedComponent
|MDDB.Dimension
|WarehouseDeployment.ProviderConnection
|XML.Attribute
|CWMFoundation.Telephone
|CWMFoundation.TypeAlias
|CWMFoundation.UniqueKey
|CWMFoundation.Document
|CWMFoundation.EmailID
|CWMFoundation.Location
|Model_Management.Model
|Foundation.Core.Class
|Foundation.Core.Method
|Foundation.Core.Usage
|XML.MixedContent
|Model_Management.Package
|RecordOriented.RecordFile
|WarehouseProcess.Events.RecurringPointInTimeEvent
|Transformation.ClassMap
|CWMFoundation.Description
|CWMFoundation.FeatureNode
|CWMFoundation.ElementNode
|CWMFoundation.Enumeration
|CWMFoundation.UnionMember
|CWMFoundation.ContactInfo
|CWMFoundation.ConstantNode
|Relational.SQLDistinctType
|Relational.SQLIndexColumn
|Foundation.Core.Flow
|Foundation.Core.Node
|Relational.UniqueConstraint
|WarehouseDeployment.SoftwareSystem
|MDDB.DimensionedObject
|CWMFoundation.EnumerationLiteral
|Olap.Hierarchy
|Olap.MemberSelection
|RecordOriented.FieldValueCondition
|Relational.SQLDataType
|XML.ElementContent
|RecordOriented.Record
|Relational.SQLIndex
|Relational.SQLQuery
|Relational.BaseTable
|Relational.ColumnSet
|Relational.Procedure
|Relational.ForeignKey
|Behavioral_Elements.Common_Behavior.Link
|Behavioral_Elements.State_Machines.Event
|Behavioral_Elements.State_Machines.Guard
|Behavioral_Elements.State_Machines.State
|Transformation.DataObjectSet
|Olap.Measure
|Relational.SQLSimpleType

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WarehouseOperation.ActivityExecution
Transformation.Transformation
Model_Management.Subsystem
Foundation.Core.Classifier
Foundation.Core.Operation
Foundation.Core.Component
Foundation.Core.Namespace
Foundation.Core.Constraint
Foundation.Core.Dependency
Foundation.Core.Parameter
Foundation.Core.Permission
Foundation.Core.Abstraction
Foundation.Core.Association
Foundation.Core.Attribute
Foundation.Core.Interface
CWMFoundation.DataTypeMapping
Foundation.Core.AssociationClass
CWMFoundation.KeyRelationship
CWMFoundation.ResponsibleParty
XML.Schema
CWMFoundation.IndexedFeature
CWMFoundation.ExpressionNode
RecordOriented.Field
RecordOriented.Group
Behavioral_Elements.Collaborations.ClassifierRole
Behavioral_Elements.Collaborations.AssociationEndRole
Behavioral_Elements.Collaborations.AssociationRole
Behavioral_Elements.State_Machines.CompositeState
Behavioral_Elements.State_Machines.SubmachineState
Behavioral_Elements.Common_Behavior.ActionSequence
Behavioral_Elements.Common_Behavior.AttributeLink
Behavioral_Elements.Common_Behavior.ComponentInstance
Behavioral_Elements.Common_Behavior.DestroyAction
Behavioral_Elements.Common_Behavior.TerminateAction
Behavioral_Elements.Activity_Graphs.ActivityGraph
Behavioral_Elements.Activity_Graphs.ClassifierInState
Behavioral_Elements.Activity_Graphs.ObjectFlowState
Behavioral_Elements.Activity_Graphs.SubactivityState
Behavioral_Elements.Activity_Graphs.ActionState
WarehouseOperation.Measurement
Behavioral_Elements.Use_Cases.Include
Behavioral_Elements.Use_Cases.UseCase
Relational.Table
Behavioral_Elements.Collaborations.Interaction
Behavioral_Elements.Common_Behavior.CallAction
Behavioral_Elements.Common_Behavior.LinkObject
Olap.ValueBasedHierarchy
WarehouseDeployment.Site
Relational.View
Olap.CodedLevel
WarehouseProcess.Events.CustomCalendar
WarehouseProcess.Events.ExternalEvent
WarehouseProcess.Events.IntervalEvent
WarehouseProcess.Events.ScheduleEvent
WarehouseProcess.Events.WarehouseEvent
RecordOriented.FixedOffsetField
Behavioral_Elements.Collaborations.Collaboration
Behavioral_Elements.Common_Behavior.CreateAction
Behavioral_Elements.Common_Behavior.NodeInstance
Behavioral_Elements.Common_Behavior.ReturnAction
Olap.CubeDimensionAssociation
Olap.DimensionMap
Olap.HierarchyMap
Transformation.PrecedenceConstrainedBy
Transformation.TransformationActivity
Transformation.AttributeMap
XML.Content

```

```

Olap.LevelBasedHierarchy
Olap.Dimension
Olap.Cube
Relational.SQLStructuredType
Olap.LevelMap
WarehouseDeployment.DataProvider
WarehouseDeployment.DataResource
Olap.Schema
WarehouseDeployment.Machine
WarehouseOperation.ChangeRequest
Foundation.Extension_Mechanisms.Stereotype
WarehouseOperation.StepExecution
WarehouseProcess.Events.PointInTimeEvent
WarehouseProcess.Events.CustomCalendarEvent
Foundation.Core.DataType
MDDB.Schema
Foundation.Core.ModelElement
Foundation.Core.Relationship
Foundation.Core.Generalization
Foundation.Core.AssociationEnd
Behavioral_Elements.Activity_Graphs.CallState
Behavioral_Elements.Activity_Graphs.Partition
Behavioral_Elements.Collaborations.Message
Behavioral_Elements.Common_Behavior.LinkEnd
Behavioral_Elements.Common_Behavior.DataValue
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Object
Behavioral_Elements.Common_Behavior.Argument
Behavioral_Elements.Common_Behavior.Action
Behavioral_Elements.Common_Behavior.Exception
Behavioral_Elements.Common_Behavior.Stimulus
Foundation.Core.BehavioralFeature
Behavioral_Elements.State_Machines.CallEvent
Behavioral_Elements.State_Machines.FinalState
Behavioral_Elements.State_Machines.SynchState
Behavioral_Elements.State_Machines.StubState
Behavioral_Elements.State_Machines.Transition
Behavioral_Elements.State_Machines.TimeEvent
Behavioral_Elements.Use_Cases.ExtensionPoint
Behavioral_Elements.Use_Cases.UseCaseInstance
Foundation.Core.GeneralizableElement
Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema
Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation)+ >

```

```
<!-- ***** Foundation.Core.A_implementationLocation_residentElement ***** -->
```

```
<!ELEMENT Foundation.Core.Component.residentElement ( Foundation.Core.ElementResidence)* >
```

```

<!-- ***** Foundation.Core.A_modelElement_templateParameter ***** -->
<!ELEMENT Foundation.Core.ModelElement.templateParameter (
    Foundation.Core.TemplateParameter)* >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Element -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Core.Element ((XMI.extension* ) )?>
<!ATTLIST Foundation.Core.Element %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.ModelElement -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Core.ModelElement.name (#PCDATA|XMI.reference)*>
<!ELEMENT Foundation.Core.ModelElement.visibility EMPTY>
<!ATTLIST Foundation.Core.ModelElement.visibility %Foundation.Data_Types.VisibilityKind;>

<!ELEMENT Foundation.Core.ModelElement.isSpecification EMPTY>
<!ATTLIST Foundation.Core.ModelElement.isSpecification
    xmi.value ( true | false ) #REQUIRED>

<!ELEMENT Foundation.Core.ModelElement.namespace (Transformation.TransformationMap
|Transformation.TransformationTree
|Transformation.TransformationTask
|XML.ElementType
|MDDB.Dimension
|CWMFoundation.TypeAlias
|Model_Management.Model
|Foundation.Core.Class
|Model_Management.Package
|RecordOriented.RecordFile
|Transformation.ClassMap
|CWMFoundation.Enumeration
|Relational.SQLDistinctType
|Foundation.Core.Node
|WarehouseDeployment.SoftwareSystem
|Olap.Hierarchy
|Olap.MemberSelection
|Relational.SQLDataType
|RecordOriented.Record
|Relational.SQLQuery
|Relational.BaseTable
|Relational.ColumnSet
|Relational.SQLSimpleType
|Transformation.Transformation
|Model_Management.Subsystem
|Foundation.Core.Classifier
|Foundation.Core.Component
|Foundation.Core.Namespace
|Foundation.Core.Interface
|Foundation.Core.AssociationClass
|XML.Schema
|RecordOriented.Group
|Behavioral_Elements.Collaborations.ClassifierRole

```

```

Behavioral_Elements.Activity_Graphs.ClassifierInState
Behavioral_Elements.Use_Cases.UseCase
Relational.Table
Olap.ValueBasedHierarchy
Relational.View
Olap.CodedLevel
WarehouseProcess.Events.CustomCalendar
Behavioral_Elements.Collaborations.Collaboration
Olap.CubeDimensionAssociation
Olap.DimensionMap
Olap.HierarchyMap
Transformation.TransformationActivity
Olap.LevelBasedHierarchy
Olap.Dimension
Olap.Cube
Relational.SQLStructuredType
Olap.LevelMap
WarehouseDeployment.DataProvider
WarehouseDeployment.DataResource
Olap.Schema
Foundation.Core.DataType
MDDB.Schema
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Exception
Olap.StructureMap
Relational.Catalog
Relational.Schema
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Union
Olap.HierarchyLevelAssociation)?>

```

```

<!ELEMENT Foundation.Core.ModelElement.clientDependency (Transformation.TransformationUse
|Foundation.Core.Binding
|Foundation.Core.Usage
|Foundation.Core.Dependency
|Foundation.Core.Permission
|Foundation.Core.Abstraction
|Transformation.PrecedenceConstrainedBy
|Transformation.TransformationConstrainedBy)*>

```

```

<!ELEMENT Foundation.Core.ModelElement.constraint (Foundation.Core.Constraint)*>

```

```

<!ELEMENT Foundation.Core.ModelElement.supplierDependency (Transformation.TransformationUse
|Foundation.Core.Binding
|Foundation.Core.Usage
|Foundation.Core.Dependency
|Foundation.Core.Permission
|Foundation.Core.Abstraction
|Transformation.PrecedenceConstrainedBy
|Transformation.TransformationConstrainedBy)*>

```

```

<!ELEMENT Foundation.Core.ModelElement.presentation (Foundation.Core.PresentationElement)*>

```

```

<!ELEMENT Foundation.Core.ModelElement.targetFlow (Foundation.Core.Flow)*>

```

```

<!ELEMENT Foundation.Core.ModelElement.sourceFlow (Foundation.Core.Flow)*>

```

```

<!ELEMENT Foundation.Core.ModelElement.templateParameter3
(Foundation.Core.TemplateParameter)*>

```

```

<!ELEMENT Foundation.Core.ModelElement.binding (Foundation.Core.Binding)?>

```

```

<!ELEMENT Foundation.Core.ModelElement.comment (Foundation.Core.Comment)*>

```

```

<!ELEMENT Foundation.Core.ModelElement.elementResidence (Foundation.Core.ElementResidence)*>
<!ELEMENT Foundation.Core.ModelElement.templateParameter2
    (Foundation.Core.TemplateParameter)*>
<!ENTITY % Foundation.Core.ModelElementProperties '(Foundation.Core.ModelElement.name
    ,Foundation.Core.ModelElement.visibility
    ,Foundation.Core.ModelElement.isSpecification )' >
<!ENTITY % Foundation.Core.ModelElementAssociations '(Foundation.Core.ModelElement.namespace?
    ,Foundation.Core.ModelElement.clientDependency*
    ,Foundation.Core.ModelElement.constraint*
    ,Foundation.Core.ModelElement.supplierDependency*
    ,Foundation.Core.ModelElement.presentation*
    ,Foundation.Core.ModelElement.targetFlow*
    ,Foundation.Core.ModelElement.sourceFlow*
    ,Foundation.Core.ModelElement.templateParameter3*
    ,Foundation.Core.ModelElement.binding?
    ,Foundation.Core.ModelElement.comment*
    ,Foundation.Core.ModelElement.elementResidence*
    ,Foundation.Core.ModelElement.templateParameter2*)' >
<!ENTITY % Foundation.Core.ModelElementCompositions
    '(Foundation.Core.ModelElement.templateParameter*)' >
<!ELEMENT Foundation.Core.ModelElement ( %Foundation.Core.ModelElementProperties;
    ,(XMI.extension* , %Foundation.Core.ModelElementAssociations; )
    , %Foundation.Core.ModelElementCompositions; )?>
<!ATTLIST Foundation.Core.ModelElement %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.GeneralizableElement -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Core.GeneralizableElement.isRoot EMPTY>
<!ATTLIST Foundation.Core.GeneralizableElement.isRoot
    xmi.value ( true | false ) #REQUIRED>

<!ELEMENT Foundation.Core.GeneralizableElement.isLeaf EMPTY>
<!ATTLIST Foundation.Core.GeneralizableElement.isLeaf
    xmi.value ( true | false ) #REQUIRED>

<!ELEMENT Foundation.Core.GeneralizableElement.isAbstract EMPTY>
<!ATTLIST Foundation.Core.GeneralizableElement.isAbstract
    xmi.value ( true | false ) #REQUIRED>

<!ELEMENT Foundation.Core.GeneralizableElement.generalization
    (Foundation.Core.Generalization)*>
<!ELEMENT Foundation.Core.GeneralizableElement.specialization
    (Foundation.Core.Generalization)*>

<!ENTITY % Foundation.Core.GeneralizableElementProperties
    '(%Foundation.Core.ModelElementProperties;
    ,Foundation.Core.GeneralizableElement.isRoot
    ,Foundation.Core.GeneralizableElement.isLeaf
    ,Foundation.Core.GeneralizableElement.isAbstract )' >
<!ENTITY % Foundation.Core.GeneralizableElementAssociations
    '(%Foundation.Core.ModelElementAssociations;
    ,Foundation.Core.GeneralizableElement.generalization*
    ,Foundation.Core.GeneralizableElement.specialization*)' >

```

```

<!ENTITY % Foundation.Core.GeneralizableElementCompositions
        '(%Foundation.Core.ModelElementCompositions;)' >

<!ELEMENT Foundation.Core.GeneralizableElement (
        %Foundation.Core.GeneralizableElementProperties;
        ,(XMI.extension* , %Foundation.Core.GeneralizableElementAssociations; )
        , %Foundation.Core.GeneralizableElementCompositions; )?>

<!ATTLIST Foundation.Core.GeneralizableElement %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Namespace -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Foundation.Core.NamespaceProperties '(%Foundation.Core.ModelElementProperties;)' >
<!ENTITY % Foundation.Core.NamespaceAssociations
        '(%Foundation.Core.ModelElementAssociations;)' >
<!ENTITY % Foundation.Core.NamespaceCompositions '(%Foundation.Core.ModelElementCompositions;
        ,Foundation.Core.Namespace.ownedElement*)' >
<!ELEMENT Foundation.Core.Namespace ( %Foundation.Core.NamespaceProperties;
        ,(XMI.extension* , %Foundation.Core.NamespaceAssociations; )
        , %Foundation.Core.NamespaceCompositions; )?>
<!ATTLIST Foundation.Core.Namespace %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Classifier -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Core.Classifier.participant
        (Behavioral_Elements.Collaborations.AssociationEndRole
        |Foundation.Core.AssociationEnd)*>
<!ELEMENT Foundation.Core.Classifier.powertypeRange (Foundation.Core.Generalization)*>
<!ENTITY % Foundation.Core.ClassifierProperties
        '(%Foundation.Core.GeneralizableElementProperties;)' >
<!ENTITY % Foundation.Core.ClassifierAssociations
        '(%Foundation.Core.GeneralizableElementAssociations;
        ,Foundation.Core.Classifier.participant*
        ,Foundation.Core.Classifier.powertypeRange*)' >
<!ENTITY % Foundation.Core.ClassifierCompositions
        '(%Foundation.Core.GeneralizableElementCompositions;
        ,Foundation.Core.Namespace.ownedElement*
        ,Foundation.Core.Classifier.feature*)' >
<!ELEMENT Foundation.Core.Classifier ( %Foundation.Core.ClassifierProperties;
        ,(XMI.extension* , %Foundation.Core.ClassifierAssociations; )
        , %Foundation.Core.ClassifierCompositions; )?>
<!ATTLIST Foundation.Core.Classifier %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Class -->
<!-- _____ -->

```

```

<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Core.Class.isActive EMPTY>
<!-- ATTLIST Foundation.Core.Class.isActive
      xmi.value ( true | false ) #REQUIRED>

<!-- ENTITY % Foundation.Core.ClassProperties '(%Foundation.Core.ClassifierProperties;
      ,Foundation.Core.Class.isActive )' >

<!-- ENTITY % Foundation.Core.ClassAssociations '(%Foundation.Core.ClassifierAssociations;)' >

<!-- ENTITY % Foundation.Core.ClassCompositions '(%Foundation.Core.ClassifierCompositions;)' >

<!-- ELEMENT Foundation.Core.Class ( %Foundation.Core.ClassProperties;
      ,(XMI.extension* , %Foundation.Core.ClassAssociations; )
      , %Foundation.Core.ClassCompositions; )?>

<!-- ATTLIST Foundation.Core.Class %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.DataType _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- ENTITY % Foundation.Core.DataTypeProperties '(%Foundation.Core.ClassifierProperties;)' >

<!-- ENTITY % Foundation.Core.DataTypeAssociations '(%Foundation.Core.ClassifierAssociations;)'
      >

<!-- ENTITY % Foundation.Core.DataTypeCompositions '(%Foundation.Core.ClassifierCompositions;)'
      >

<!-- ELEMENT Foundation.Core.DataType ( %Foundation.Core.DataTypeProperties;
      ,(XMI.extension* , %Foundation.Core.DataTypeAssociations; )
      , %Foundation.Core.DataTypeCompositions; )?>

<!-- ATTLIST Foundation.Core.DataType %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Feature _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- ELEMENT Foundation.Core.Feature.ownerScope EMPTY>
<!-- ATTLIST Foundation.Core.Feature.ownerScope %Foundation.Data_Types.ScopeKind;>

<!-- ELEMENT Foundation.Core.Feature.owner (Transformation.TransformationTask
      |XML.ElementType
      |MDDB.Dimension
      |CWMFoundation.TypeAlias
      |Foundation.Core.Class
      |CWMFoundation.Enumeration
      |Relational.SQLDistinctType
      |Foundation.Core.Node
      |WarehouseDeployment.SoftwareSystem
      |Olap.Hierarchy
      |Olap.MemberSelection
      |Relational.SQLDataType
      |RecordOriented.Record
      |Relational.SQLQuery
      |Relational.BaseTable
      |Relational.ColumnSet

```

```

Relational.SQLSimpleType
Model_Management.Subsystem
Foundation.Core.Classifier
Foundation.Core.Component
Foundation.Core.Interface
Foundation.Core.AssociationClass
RecordOriented.Group
Behavioral_Elements.Collaborations.ClassifierRole
Behavioral_Elements.Activity_Graphs.ClassifierInState
Behavioral_Elements.Use_Cases.UseCase
Relational.Table
Olap.ValueBasedHierarchy
Relational.View
Olap.CodedLevel
Olap.CubeDimensionAssociation
Transformation.TransformationActivity
Olap.LevelBasedHierarchy
Olap.Dimension
Olap.Cube
Relational.SQLStructuredType
Foundation.Core.DataType
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Exception
Olap.Level
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Union
Olap.HierarchyLevelAssociation)?>

<!ENTITY % Foundation.Core.FeatureProperties '(%Foundation.Core.ModelElementProperties;
,Foundation.Core.Feature.ownerScope )' >

<!ENTITY % Foundation.Core.FeatureAssociations '(%Foundation.Core.ModelElementAssociations;
,Foundation.Core.Feature.owner?)' >

<!ENTITY % Foundation.Core.FeatureCompositions '(%Foundation.Core.ModelElementCompositions;)'
>

<!ELEMENT Foundation.Core.Feature ( %Foundation.Core.FeatureProperties;
,(XMI.extension* , %Foundation.Core.FeatureAssociations; )
, %Foundation.Core.FeatureCompositions; )?>

<!ATTLIST Foundation.Core.Feature %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.StructuralFeature -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Core.StructuralFeature.multiplicity
(Foundation.Data_Types.Multiplicity)>

<!ELEMENT Foundation.Core.StructuralFeature.changeability EMPTY>
<!ATTLIST Foundation.Core.StructuralFeature.changeability
%Foundation.Data_Types.ChangeableKind;>

<!ELEMENT Foundation.Core.StructuralFeature.targetScope EMPTY>
<!ATTLIST Foundation.Core.StructuralFeature.targetScope %Foundation.Data_Types.ScopeKind;>

<!ELEMENT Foundation.Core.StructuralFeature.type (Transformation.TransformationTask
XML.ElementType
MDDB.Dimension
CWMFoundation.TypeAlias
Foundation.Core.Class
CWMFoundation Enumeration

```

```

Relational.SQLDistinctType
Foundation.Core.Node
WarehouseDeployment.SoftwareSystem
Olap.Hierarchy
Olap.MemberSelection
Relational.SQLDataType
RecordOriented.Record
Relational.SQLQuery
Relational.BaseTable
Relational.ColumnSet
Relational.SQLSimpleType
Model_Management.Subsystem
Foundation.Core.Classifier
Foundation.Core.Component
Foundation.Core.Interface
Foundation.Core.AssociationClass
RecordOriented.Group
Behavioral_Elements.Collaborations.ClassifierRole
Behavioral_Elements.Activity_Graphs.ClassifierInState
Behavioral_Elements.Use_Cases.UseCase
Relational.Table
Olap.ValueBasedHierarchy
Relational.View
Olap.CodedLevel
Olap.CubeDimensionAssociation
Transformation.TransformationActivity
Olap.LevelBasedHierarchy
Olap.Dimension
Olap.Cube
Relational.SQLStructuredType
Foundation.Core.DataType
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Exception
Olap.Level
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Union
Olap.HierarchyLevelAssociation) >

<!ENTITY % Foundation.Core.StructuralFeatureProperties '(%Foundation.Core.FeatureProperties;
,Foundation.Core.StructuralFeature.multiplicity
,Foundation.Core.StructuralFeature.changeability
,Foundation.Core.StructuralFeature.targetScope )' >

<!ENTITY % Foundation.Core.StructuralFeatureAssociations
'(%Foundation.Core.FeatureAssociations;
,Foundation.Core.StructuralFeature.type )' >

<!ENTITY % Foundation.Core.StructuralFeatureCompositions
'(%Foundation.Core.FeatureCompositions;)' >

<!ELEMENT Foundation.Core.StructuralFeature ( %Foundation.Core.StructuralFeatureProperties;
,(XMI.extension* , %Foundation.Core.StructuralFeatureAssociations; )
, %Foundation.Core.StructuralFeatureCompositions; )?>

<!ATTLIST Foundation.Core.StructuralFeature %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.AssociationEnd -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Core.AssociationEnd.isNavigable EMPTY>
<!ATTLIST Foundation.Core.AssociationEnd.isNavigable
xmi.value ( true | false ) #REQUIRED>

```

```

<!ELEMENT Foundation.Core.AssociationEnd.ordering EMPTY>
<!--ATTLIST Foundation.Core.AssociationEnd.ordering %Foundation.Data_Types.OrderingKind;-->

<!ELEMENT Foundation.Core.AssociationEnd.aggregation EMPTY>
<!--ATTLIST Foundation.Core.AssociationEnd.aggregation %Foundation.Data_Types.AggregationKind;-->

<!ELEMENT Foundation.Core.AssociationEnd.targetScope EMPTY>
<!--ATTLIST Foundation.Core.AssociationEnd.targetScope %Foundation.Data_Types.ScopeKind;-->

<!ELEMENT Foundation.Core.AssociationEnd.multiplicity (Foundation.Data_Types.Multiplicity)>

<!ELEMENT Foundation.Core.AssociationEnd.changeability EMPTY>
<!--ATTLIST Foundation.Core.AssociationEnd.changeability
      %Foundation.Data_Types.ChangeableKind;-->

<!--ELEMENT Foundation.Core.AssociationEnd.association (Foundation.Core.Association
|Foundation.Core.AssociationClass
|Behavioral_Elements.Collaborations.AssociationRole) -->

<!--ELEMENT Foundation.Core.AssociationEnd.type (Transformation.TransformationTask
|XML.ElementType
|Mddb.Dimension
|CwmFoundation.TypeAlias
|Foundation.Core.Class
|CwmFoundation.Enumeration
|Relational.SQLDistinctType
|Foundation.Core.Node
|WarehouseDeployment.SoftwareSystem
|Olap.Hierarchy
|Olap.MemberSelection
|Relational.SQLDataType
|RecordOriented.Record
|Relational.SQLQuery
|Relational.BaseTable
|Relational.ColumnSet
|Relational.SQLSimpleType
|Model_Management.Subsystem
|Foundation.Core.Classifier
|Foundation.Core.Component
|Foundation.Core.Interface
|Foundation.Core.AssociationClass
|RecordOriented.Group
|Behavioral_Elements.Collaborations.ClassifierRole
|Behavioral_Elements.Activity_Graphs.ClassifierInState
|Behavioral_Elements.Use_Cases.UseCase
|Relational.Table
|Olap.ValueBasedHierarchy
|Relational.View
|Olap.CodedLevel
|Olap.CubeDimensionAssociation
|Transformation.TransformationActivity
|Olap.LevelBasedHierarchy
|Olap.Dimension
|Olap.Cube
|Relational.SQLStructuredType
|Foundation.Core.DataType
|Behavioral_Elements.Common_Behavior.Signal
|Behavioral_Elements.Common_Behavior.Exception
|Olap.Level
|Olap.CubeRegion
|Behavioral_Elements.Use_Cases.Actor
|CwmFoundation.Union
|Olap.HierarchyLevelAssociation) -->

<!--ELEMENT Foundation.Core.AssociationEnd.specification (Transformation.TransformationTask
|XML.ElementType

```

```

MDDB.Dimension
CWMFoundation.TypeAlias
Foundation.Core.Class
CWMFoundation.Enumeration
Relational.SQLDistinctType
Foundation.Core.Node
WarehouseDeployment.SoftwareSystem
Olap.Hierarchy
Olap.MemberSelection
Relational.SQLDataType
RecordOriented.Record
Relational.SQLQuery
Relational.BaseTable
Relational.ColumnSet
Relational.SQLSimpleType
Model_Management.Subsystem
Foundation.Core.Classifier
Foundation.Core.Component
Foundation.Core.Interface
Foundation.Core.AssociationClass
RecordOriented.Group
Behavioral_Elements.Collaborations.ClassifierRole
Behavioral_Elements.Activity_Graphs.ClassifierInState
Behavioral_Elements.Use_Cases.UseCase
Relational.Table
Olap.ValueBasedHierarchy
Relational.View
Olap.CodedLevel
Olap.CubeDimensionAssociation
Transformation.TransformationActivity
Olap.LevelBasedHierarchy
Olap.Dimension
Olap.Cube
Relational.SQLStructuredType
Foundation.Core.DataType
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Exception
Olap.Level
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Union
Olap.HierarchyLevelAssociation)*>

```

```

<!ENTITY % Foundation.Core.AssociationEndProperties
    '(%Foundation.Core.ModelElementProperties;
    ,Foundation.Core.AssociationEnd.isNavigable
    ,Foundation.Core.AssociationEnd.ordering
    ,Foundation.Core.AssociationEnd.aggregation
    ,Foundation.Core.AssociationEnd.targetScope
    ,Foundation.Core.AssociationEnd.multiplicity
    ,Foundation.Core.AssociationEnd.changeability )' >

<!ENTITY % Foundation.Core.AssociationEndAssociations
    '(%Foundation.Core.ModelElementAssociations;
    ,Foundation.Core.AssociationEnd.association?
    ,Foundation.Core.AssociationEnd.type
    ,Foundation.Core.AssociationEnd.specification*)' >

<!ENTITY % Foundation.Core.AssociationEndCompositions
    '(%Foundation.Core.ModelElementCompositions;
    ,Foundation.Core.AssociationEnd.qualifier*)' >

<!ELEMENT Foundation.Core.AssociationEnd ( %Foundation.Core.AssociationEndProperties;
    ,(XMI.extension* , %Foundation.Core.AssociationEndAssociations; )
    , %Foundation.Core.AssociationEndCompositions; )?>

<!ATTLIST Foundation.Core.AssociationEnd %XMI.element.att; %XMI.link.att; >

```

```

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Interface _____ -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Foundation.Core.InterfaceProperties '(%Foundation.Core.ClassifierProperties;)' >
<!ENTITY % Foundation.Core.InterfaceAssociations '(%Foundation.Core.ClassifierAssociations;)'
>
<!ENTITY % Foundation.Core.InterfaceCompositions '(%Foundation.Core.ClassifierCompositions;)'
>

<!ELEMENT Foundation.Core.Interface ( %Foundation.Core.InterfaceProperties;
, (XMI.extension* , %Foundation.Core.InterfaceAssociations; )
, %Foundation.Core.InterfaceCompositions; )?>

<ATTLIST Foundation.Core.Interface %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Constraint _____ -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Core.Constraint.body (Foundation.Data_Types.BooleanExpression)>
<!ELEMENT Foundation.Core.Constraint.constrainedElement (Transformation.TransformationMap
| Transformation.TransformationTree
| Transformation.TransformationTask
| Transformation.TransformationStep
| XML.ElementType
| WarehouseProcess.WarehouseProcess
| WarehouseProcess.Events.CascadeEvent
| WarehouseProcess.Events.CalendarDate
| WarehouseProcess.Events.RetryEvent
| Foundation.Core.Binding
| Foundation.Core.Comment
| Foundation.Core.Feature
| WarehouseDeployment.DeployedComponent
| MDDB.Dimension
| WarehouseDeployment.ProviderConnection
| XML.Attribute
| CWMFoundation.Telephone
| CWMFoundation.TypeAlias
| CWMFoundation.UniqueKey
| CWMFoundation.Document
| CWMFoundation.EMailID
| CWMFoundation.Location
| Model_Management.Model
| Foundation.Core.Class
| Foundation.Core.Method
| Foundation.Core.Usage
| XML.MixedContent
| Model_Management.Package
| RecordOriented.RecordFile
| WarehouseProcess.Events.RecurringPointInTimeEvent
| Transformation.ClassMap
| CWMFoundation.Description
| CWMFoundation.FeatureNode
| CWMFoundation.ElementNode
| CWMFoundation.Enumeration
| CWMFoundation.UnionMember

```

CWMFoundation.ContactInfo  
CWMFoundation.ConstantNode  
Relational.SQLDistinctType  
Relational.SQLIndexColumn  
Foundation.Core.Flow  
Foundation.Core.Node  
Relational.UniqueConstraint  
WarehouseDeployment.SoftwareSystem  
MDDDB.DimensionedObject  
CWMFoundation EnumerationLiteral  
Olap.Hierarchy  
Olap.MemberSelection  
RecordOriented.FieldValueCondition  
Relational.SQLDataType  
XML.ElementContent  
RecordOriented.Record  
Relational.SQLIndex  
Relational.SQLQuery  
Relational.BaseTable  
Relational.ColumnSet  
Relational.Procedure  
Relational.ForeignKey  
Behavioral\_Elements.Common\_Behavior.Link  
Behavioral\_Elements.State\_Machines.Event  
Behavioral\_Elements.State\_Machines.Guard  
Behavioral\_Elements.State\_Machines.State  
Transformation.DataObjectSet  
Olap.Measure  
Relational.SQLSimpleType  
WarehouseOperation.ActivityExecution  
Transformation.Transformation  
Model\_Management.Subsystem  
Foundation.Core.Classifier  
Foundation.Core.Operation  
Foundation.Core.Component  
Foundation.Core.Namespace  
Foundation.Core.Constraint  
Foundation.Core.Dependency  
Foundation.Core.Parameter  
Foundation.Core.Permission  
Foundation.Core.Abstraction  
Foundation.Core.Association  
Foundation.Core.Attribute  
Foundation.Core.Interface  
CWMFoundation.DataTypeMapping  
Foundation.Core.AssociationClass  
CWMFoundation.KeyRelationship  
CWMFoundation.ResponsibleParty  
XML.Schema  
CWMFoundation.IndexedFeature  
CWMFoundation.ExpressionNode  
RecordOriented.Field  
RecordOriented.Group  
Behavioral\_Elements.Collaborations.ClassifierRole  
Behavioral\_Elements.Collaborations.AssociationEndRole  
Behavioral\_Elements.Collaborations.AssociationRole  
Behavioral\_Elements.State\_Machines.CompositeState  
Behavioral\_Elements.State\_Machines.SubmachineState  
Behavioral\_Elements.Common\_Behavior.ActionSequence  
Behavioral\_Elements.Common\_Behavior.AttributeLink  
Behavioral\_Elements.Common\_Behavior.ComponentInstance  
Behavioral\_Elements.Common\_Behavior.DestroyAction  
Behavioral\_Elements.Common\_Behavior.TerminateAction  
Behavioral\_Elements.Activity\_Graphs.ActivityGraph  
Behavioral\_Elements.Activity\_Graphs.ClassifierInState  
Behavioral\_Elements.Activity\_Graphs.ObjectFlowState  
Behavioral\_Elements.Activity\_Graphs.SubactivityState

Behavioral\_Elements.Activity\_Graphs.ActionState  
 WarehouseOperation.Measurement  
 Behavioral\_Elements.Use\_Cases.Include  
 Behavioral\_Elements.Use\_Cases.UseCase  
 Relational.Table  
 Behavioral\_Elements.Collaborations.Interaction  
 Behavioral\_Elements.Common\_Behavior.CallAction  
 Behavioral\_Elements.Common\_Behavior.LinkObject  
 Olap.ValueBasedHierarchy  
 WarehouseDeployment.Site  
 Relational.View  
 Olap.CodedLevel  
 WarehouseProcess.Events.CustomCalendar  
 WarehouseProcess.Events.ExternalEvent  
 WarehouseProcess.Events.IntervalEvent  
 WarehouseProcess.Events.ScheduleEvent  
 WarehouseProcess.Events.WarehouseEvent  
 RecordOriented.FixedOffsetField  
 Behavioral\_Elements.Collaborations.Collaboration  
 Behavioral\_Elements.Common\_Behavior.CreateAction  
 Behavioral\_Elements.Common\_Behavior.NodeInstance  
 Behavioral\_Elements.Common\_Behavior.ReturnAction  
 Olap.CubeDimensionAssociation  
 Olap.DimensionMap  
 Olap.HierarchyMap  
 Transformation.PrecedenceConstrainedBy  
 Transformation.TransformationActivity  
 Transformation.AttributeMap  
 XML.Content  
 Olap.LevelBasedHierarchy  
 Olap.Dimension  
 Olap.Cube  
 Relational.SQLStructuredType  
 Olap.LevelMap  
 WarehouseDeployment.DataProvider  
 WarehouseDeployment.DataResource  
 Olap.Schema  
 WarehouseDeployment.Machine  
 WarehouseOperation.ChangeRequest  
 Foundation.Extension\_Mechanisms.Stereotype  
 WarehouseOperation.StepExecution  
 WarehouseProcess.Events.PointInTimeEvent  
 WarehouseProcess.Events.CustomCalendarEvent  
 Foundation.Core.DataType  
 MDDB.Schema  
 Foundation.Core.ModelElement  
 Foundation.Core.Relationship  
 Foundation.Core.Generalization  
 Foundation.Core.AssociationEnd  
 Behavioral\_Elements.Activity\_Graphs.CallState  
 Behavioral\_Elements.Activity\_Graphs.Partition  
 Behavioral\_Elements.Collaborations.Message  
 Behavioral\_Elements.Common\_Behavior.LinkEnd  
 Behavioral\_Elements.Common\_Behavior.DataValue  
 Behavioral\_Elements.Common\_Behavior.Signal  
 Behavioral\_Elements.Common\_Behavior.Object  
 Behavioral\_Elements.Common\_Behavior.Argument  
 Behavioral\_Elements.Common\_Behavior.Action  
 Behavioral\_Elements.Common\_Behavior.Exception  
 Behavioral\_Elements.Common\_Behavior.Stimulus  
 Foundation.Core.BehavioralFeature  
 Behavioral\_Elements.State\_Machines.CallEvent  
 Behavioral\_Elements.State\_Machines.FinalState  
 Behavioral\_Elements.State\_Machines.SynchState  
 Behavioral\_Elements.State\_Machines.StubState  
 Behavioral\_Elements.State\_Machines.Transition  
 Behavioral\_Elements.State\_Machines.TimeEvent

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Behavioral_Elements.Use_Cases.ExtensionPoint
Behavioral_Elements.Use_Cases.UseCaseInstance
Foundation.Core.GeneralizableElement
Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema
Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation)*>

<!ENTITY % Foundation.Core.ConstraintProperties '(%Foundation.Core.ModelElementProperties;
,Foundation.Core.Constraint.body )' >

<!ENTITY % Foundation.Core.ConstraintAssociations
'(%Foundation.Core.ModelElementAssociations;
,Foundation.Core.Constraint.constrainedElement*)' >

<!ENTITY % Foundation.Core.ConstraintCompositions
'(%Foundation.Core.ModelElementCompositions;)' >

<!ELEMENT Foundation.Core.Constraint ( %Foundation.Core.ConstraintProperties;
,(XMI.extension* , %Foundation.Core.ConstraintAssociations; )
, %Foundation.Core.ConstraintCompositions; )?>

<!ATTLIST Foundation.Core.Constraint %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Relationship -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Foundation.Core.RelationshipProperties
'(%Foundation.Core.ModelElementProperties;)' >

<!ENTITY % Foundation.Core.RelationshipAssociations
'(%Foundation.Core.ModelElementAssociations;)' >

<!ENTITY % Foundation.Core.RelationshipCompositions
'(%Foundation.Core.ModelElementCompositions;)' >

<!ELEMENT Foundation.Core.Relationship ( %Foundation.Core.RelationshipProperties;
,(XMI.extension* , %Foundation.Core.RelationshipAssociations; )
, %Foundation.Core.RelationshipCompositions; )?>

<!ATTLIST Foundation.Core.Relationship %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Association -->

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```

<!-- _____ -->
<!-- _____ -->

<!ENTITY % Foundation.Core.AssociationProperties
        '(%Foundation.Core.GeneralizableElementProperties;)' >

<!ENTITY % Foundation.Core.AssociationAssociations
        '(%Foundation.Core.GeneralizableElementAssociations;)' >

<!ENTITY % Foundation.Core.AssociationCompositions
        '(%Foundation.Core.GeneralizableElementCompositions;
        ,Foundation.Core.Association.connection*)' >

<!ELEMENT Foundation.Core.Association ( %Foundation.Core.AssociationProperties;
        , (XMI.extension* , %Foundation.Core.AssociationAssociations; )
        , %Foundation.Core.AssociationCompositions; )?>

<!ATTLIST Foundation.Core.Association %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Attribute _____ -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Core.Attribute.initialValue (Foundation.Data_Types.ProcedureExpression
|Foundation.Data_Types.ObjectSetExpression
|Foundation.Data_Types.IterationExpression
|Foundation.Data_Types.Expression
|CWMFoundation.QueryExpression
|Foundation.Data_Types.TimeExpression
|Foundation.Data_Types.TypeExpression
|Foundation.Data_Types.ArgListsExpression
|Foundation.Data_Types.BooleanExpression
|Foundation.Data_Types.MappingExpression
|Foundation.Data_Types.ActionExpression)>

<!ELEMENT Foundation.Core.Attribute.associationEnd
        (Behavioral_Elements.Collaborations.AssociationEndRole
|Foundation.Core.AssociationEnd)?>

<!ENTITY % Foundation.Core.AttributeProperties
        '(%Foundation.Core.StructuralFeatureProperties;
        ,Foundation.Core.Attribute.initialValue )' >

<!ENTITY % Foundation.Core.AttributeAssociations
        '(%Foundation.Core.StructuralFeatureAssociations;
        ,Foundation.Core.Attribute.associationEnd?)' >

<!ENTITY % Foundation.Core.AttributeCompositions
        '(%Foundation.Core.StructuralFeatureCompositions;)' >

<!ELEMENT Foundation.Core.Attribute ( %Foundation.Core.AttributeProperties;
        , (XMI.extension* , %Foundation.Core.AttributeAssociations; )
        , %Foundation.Core.AttributeCompositions; )?>

<!ATTLIST Foundation.Core.Attribute %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.BehavioralFeature _____ -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Core.BehavioralFeature.isQuery EMPTY>

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<!ATTLIST Foundation.Core.BehavioralFeature.isQuery
    xmi.value ( true | false ) #REQUIRED>

<!ENTITY % Foundation.Core.BehavioralFeatureProperties '(%Foundation.Core.FeatureProperties;
    ,Foundation.Core.BehavioralFeature.isQuery )' >

<!ENTITY % Foundation.Core.BehavioralFeatureAssociations
    '(%Foundation.Core.FeatureAssociations;)' >

<!ENTITY % Foundation.Core.BehavioralFeatureCompositions
    '(%Foundation.Core.FeatureCompositions;
    ,Foundation.Core.BehavioralFeature.parameter*)' >

<!ELEMENT Foundation.Core.BehavioralFeature ( %Foundation.Core.BehavioralFeatureProperties;
    ,(%XMI.extension* , %Foundation.Core.BehavioralFeatureAssociations; )
    , %Foundation.Core.BehavioralFeatureCompositions; )?>

<!ATTLIST Foundation.Core.BehavioralFeature %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Operation -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Core.Operation.concurrency EMPTY>
<!ATTLIST Foundation.Core.Operation.concurrency %Foundation.Data_Types.CallConcurrencyKind;>

<!ELEMENT Foundation.Core.Operation.isRoot EMPTY>
<!ATTLIST Foundation.Core.Operation.isRoot
    xmi.value ( true | false ) #REQUIRED>

<!ELEMENT Foundation.Core.Operation.isLeaf EMPTY>
<!ATTLIST Foundation.Core.Operation.isLeaf
    xmi.value ( true | false ) #REQUIRED>

<!ELEMENT Foundation.Core.Operation.isAbstract EMPTY>
<!ATTLIST Foundation.Core.Operation.isAbstract
    xmi.value ( true | false ) #REQUIRED>

<!ELEMENT Foundation.Core.Operation.specification (#PCDATA|XMI.reference)*>

<!ELEMENT Foundation.Core.Operation.method (Foundation.Core.Method
    |Relational.Procedure)*>

<!ENTITY % Foundation.Core.OperationProperties
    '(%Foundation.Core.BehavioralFeatureProperties;
    ,Foundation.Core.Operation.concurrency
    ,Foundation.Core.Operation.isRoot
    ,Foundation.Core.Operation.isLeaf
    ,Foundation.Core.Operation.isAbstract
    ,Foundation.Core.Operation.specification )' >

<!ENTITY % Foundation.Core.OperationAssociations
    '(%Foundation.Core.BehavioralFeatureAssociations;
    ,Foundation.Core.Operation.method*)' >

<!ENTITY % Foundation.Core.OperationCompositions
    '(%Foundation.Core.BehavioralFeatureCompositions;)' >

<!ELEMENT Foundation.Core.Operation ( %Foundation.Core.OperationProperties;
    ,(%XMI.extension* , %Foundation.Core.OperationAssociations; )
    , %Foundation.Core.OperationCompositions; )?>

<!ATTLIST Foundation.Core.Operation %XMI.element.att; %XMI.link.att; >

```

```

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Parameter -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Core.Parameter.defaultValue (Foundation.Data_Types.ProcedureExpression
|Foundation.Data_Types.ObjectSetExpression
|Foundation.Data_Types.IterationExpression
|Foundation.Data_Types.Expression
|CWMFoundation.QueryExpression
|Foundation.Data_Types.TimeExpression
|Foundation.Data_Types.TypeExpression
|Foundation.Data_Types.ArgListsExpression
|Foundation.Data_Types.BooleanExpression
|Foundation.Data_Types.MappingExpression
|Foundation.Data_Types.ActionExpression)>

<!ELEMENT Foundation.Core.Parameter.kind EMPTY>
<!ATTLIST Foundation.Core.Parameter.kind %Foundation.Data_Types.ParameterDirectionKind;>

<!ELEMENT Foundation.Core.Parameter.behavioralFeature (Foundation.Core.Method
|Relational.Procedure
|Foundation.Core.Operation
|Behavioral_Elements.Common_Behavior.Reception
|Foundation.Core.BehavioralFeature)?>

<!ELEMENT Foundation.Core.Parameter.type (Transformation.TransformationTask
|XML.ElementType
|MDDB.Dimension
|CWMFoundation.TypeAlias
|Foundation.Core.Class
|CWMFoundation.Enumeration
|Relational.SQLDistinctType
|Foundation.Core.Node
|WarehouseDeployment.SoftwareSystem
|Olap.Hierarchy
|Olap.MemberSelection
|Relational.SQLDataType
|RecordOriented.Record
|Relational.SQLQuery
|Relational.BaseTable
|Relational.ColumnSet
|Relational.SQLSimpleType
|Model_Management.Subsystem
|Foundation.Core.Classifier
|Foundation.Core.Component
|Foundation.Core.Interface
|Foundation.Core.AssociationClass
|RecordOriented.Group
|Behavioral_Elements.Collaborations.ClassifierRole
|Behavioral_Elements.Activity_Graphs.ClassifierInState
|Behavioral_Elements.Use_Cases.UseCase
|Relational.Table
|Olap.ValueBasedHierarchy
|Relational.View
|Olap.CodedLevel
|Olap.CubeDimensionAssociation
|Transformation.TransformationActivity
|Olap.LevelBasedHierarchy
|Olap.Dimension
|Olap.Cube
|Relational.SQLStructuredType
|Foundation.Core.DataType
|Behavioral_Elements.Common_Behavior.Signal
|Behavioral_Elements.Common_Behavior.Exception

```

```

|Olap.Level
|Olap.CubeRegion
|Behavioral_Elements.Use_Cases.Actor
|CWMFoundation.Union
|Olap.HierarchyLevelAssociation) >

<!ENTITY % Foundation.Core.ParameterProperties ‘(%Foundation.Core.ModelElementProperties;
,Foundation.Core.Parameter.defaultValue
,Foundation.Core.Parameter.kind )’ >

<!ENTITY % Foundation.Core.ParameterAssociations ‘(%Foundation.Core.ModelElementAssociations;
,Foundation.Core.Parameter.behavioralFeature?
,Foundation.Core.Parameter.type )’ >

<!ENTITY % Foundation.Core.ParameterCompositions
‘(%Foundation.Core.ModelElementCompositions;)’ >

<!ELEMENT Foundation.Core.Parameter ( %Foundation.Core.ParameterProperties;
,(XMI.extension* , %Foundation.Core.ParameterAssociations; )
, %Foundation.Core.ParameterCompositions; )?>

<!ATTLIST Foundation.Core.Parameter %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Method -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Core.Method.body (Foundation.Data_Types.ProcedureExpression
|CWMFoundation.QueryExpression)>

<!ELEMENT Foundation.Core.Method.specification (Foundation.Core.Operation) >

<!ENTITY % Foundation.Core.MethodProperties ‘(%Foundation.Core.BehavioralFeatureProperties;
,Foundation.Core.Method.body )’ >

<!ENTITY % Foundation.Core.MethodAssociations
‘(%Foundation.Core.BehavioralFeatureAssociations;
,Foundation.Core.Method.specification )’ >

<!ENTITY % Foundation.Core.MethodCompositions
‘(%Foundation.Core.BehavioralFeatureCompositions;)’ >

<!ELEMENT Foundation.Core.Method ( %Foundation.Core.MethodProperties;
,(XMI.extension* , %Foundation.Core.MethodAssociations; )
, %Foundation.Core.MethodCompositions; )?>

<!ATTLIST Foundation.Core.Method %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Generalization -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Core.Generalization.discriminator (#PCDATA|XMI.reference)*>

<!ELEMENT Foundation.Core.Generalization.child (Transformation.TransformationTask
|XML.ElementType
|MDDB.Dimension
|CWMFoundation.TypeAlias
|Model_Management.Model
|Foundation.Core.Class
|Model_Management.Package

```

```

RecordOriented.RecordFile
CWMFoundation.Enumeration
Relational.SQLDistinctType
Foundation.Core.Node
WarehouseDeployment.SoftwareSystem
Olap.Hierarchy
Olap.MemberSelection
Relational.SQLDataType
RecordOriented.Record
Relational.SQLQuery
Relational.BaseTable
Relational.ColumnSet
Relational.SQLSimpleType
Model_Management.Subsystem
Foundation.Core.Classifier
Foundation.Core.Component
Foundation.Core.Association
Foundation.Core.Interface
Foundation.Core.AssociationClass
XML.Schema
RecordOriented.Group
Behavioral_Elements.Collaborations.ClassifierRole
Behavioral_Elements.Collaborations.AssociationRole
Behavioral_Elements.Activity_Graphs.ClassifierInState
Behavioral_Elements.Use_Cases.UseCase
Relational.Table
Olap.ValueBasedHierarchy
Relational.View
Olap.CodedLevel
WarehouseProcess.Events.CustomCalendar
Behavioral_Elements.Collaborations.Collaboration
Olap.CubeDimensionAssociation
Transformation.TransformationActivity
Olap.LevelBasedHierarchy
Olap.Dimension
Olap.Cube
Relational.SQLStructuredType
WarehouseDeployment.DataProvider
WarehouseDeployment.DataResource
Olap.Schema
Foundation.Extension_Mechanisms.Stereotype
Foundation.Core.DataType
MDDB.Schema
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Exception
Foundation.Core.GeneralizableElement
Relational.Catalog
Relational.Schema
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Union
Olap.HierarchyLevelAssociation) >

```

```
<!ELEMENT Foundation.Core.Generalization.parent (Transformation.TransformationTask
```

```

XML.ElementType
MDDB.Dimension
CWMFoundation.TypeAlias
Model_Management.Model
Foundation.Core.Class
Model_Management.Package
RecordOriented.RecordFile
CWMFoundation.Enumeration
Relational.SQLDistinctType
Foundation.Core.Node
WarehouseDeployment.SoftwareSystem

```

```

Olap.Hierarchy
Olap.MemberSelection
Relational.SQLDataType
RecordOriented.Record
Relational.SQLQuery
Relational.BaseTable
Relational.ColumnSet
Relational.SQLSimpleType
Model_Management.Subsystem
Foundation.Core.Classifier
Foundation.Core.Component
Foundation.Core.Association
Foundation.Core.Interface
Foundation.Core.AssociationClass
XML.Schema
RecordOriented.Group
Behavioral_Elements.Collaborations.ClassifierRole
Behavioral_Elements.Collaborations.AssociationRole
Behavioral_Elements.Activity_Graphs.ClassifierInState
Behavioral_Elements.Use_Cases.UseCase
Relational.Table
Olap.ValueBasedHierarchy
Relational.View
Olap.CodedLevel
WarehouseProcess.Events.CustomCalendar
Behavioral_Elements.Collaborations.Collaboration
Olap.CubeDimensionAssociation
Transformation.TransformationActivity
Olap.LevelBasedHierarchy
Olap.Dimension
Olap.Cube
Relational.SQLStructuredType
WarehouseDeployment.DataProvider
WarehouseDeployment.DataResource
Olap.Schema
Foundation.Extension_Mechanisms.Stereotype
Foundation.Core.DataType
MDDB.Schema
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Exception
Foundation.Core.GeneralizableElement
Relational.Catalog
Relational.Schema
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Union
Olap.HierarchyLevelAssociation) >

```

```
<!ELEMENT Foundation.Core.Generalization.powertype (Transformation.TransformationTask
```

```

XML.ElementType
MDDB.Dimension
CWMFoundation.TypeAlias
Foundation.Core.Class
CWMFoundation.Enumeration
Relational.SQLDistinctType
Foundation.Core.Node
WarehouseDeployment.SoftwareSystem
Olap.Hierarchy
Olap.MemberSelection
Relational.SQLDataType
RecordOriented.Record
Relational.SQLQuery
Relational.BaseTable
Relational.ColumnSet
Relational.SQLSimpleType

```

```

Model_Management.Subsystem
Foundation.Core.Classifier
Foundation.Core.Component
Foundation.Core.Interface
Foundation.Core.AssociationClass
RecordOriented.Group
Behavioral_Elements.Collaborations.ClassifierRole
Behavioral_Elements.Activity_Graphs.ClassifierInState
Behavioral_Elements.Use_Cases.UseCase
Relational.Table
Olap.ValueBasedHierarchy
Relational.View
Olap.CodedLevel
Olap.CubeDimensionAssociation
Transformation.TransformationActivity
Olap.LevelBasedHierarchy
Olap.Dimension
Olap.Cube
Relational.SQLStructuredType
Foundation.Core.DataType
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Exception
Olap.Level
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Union
Olap.HierarchyLevelAssociation)?>

<!ENTITY % Foundation.Core.GeneralizationProperties
          '(%Foundation.Core.RelationshipProperties;
           ,Foundation.Core.Generalization.discriminator )' >

<!ENTITY % Foundation.Core.GeneralizationAssociations
          '(%Foundation.Core.RelationshipAssociations;
           ,Foundation.Core.Generalization.child
           ,Foundation.Core.Generalization.parent
           ,Foundation.Core.Generalization.powertype?)' >

<!ENTITY % Foundation.Core.GeneralizationCompositions
          '(%Foundation.Core.RelationshipCompositions;)' >

<!ELEMENT Foundation.Core.Generalization ( %Foundation.Core.GeneralizationProperties;
          , (XMI.extension* , %Foundation.Core.GeneralizationAssociations; )
          , %Foundation.Core.GeneralizationCompositions; )?>

<!ATTLIST Foundation.Core.Generalization %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.AssociationClass -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Foundation.Core.AssociationClassProperties
          '(%Foundation.Core.AssociationProperties;
           ,Foundation.Core.Class.isActive )' >

<!ENTITY % Foundation.Core.AssociationClassAssociations
          '(%Foundation.Core.AssociationAssociations;
           ,Foundation.Core.Classifier.participant*
           ,Foundation.Core.Classifier.powertypeRange*)' >

<!ENTITY % Foundation.Core.AssociationClassCompositions
          '(%Foundation.Core.AssociationCompositions;
           ,Foundation.Core.Classifier.feature*
           ,Foundation.Core.Namespace.ownedElement*)' >

```

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<!ELEMENT Foundation.Core.AssociationClass ( %Foundation.Core.AssociationClassProperties;
      , (XMI.extension* , %Foundation.Core.AssociationClassAssociations; )
      , %Foundation.Core.AssociationClassCompositions; )?>

<!ATTLIST Foundation.Core.AssociationClass %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Dependency -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Core.Dependency.client (Transformation.TransformationMap
|Transformation.TransformationTree
|Transformation.TransformationTask
|Transformation.TransformationStep
|XML.ElementType
|WarehouseProcess.WarehouseProcess
|WarehouseProcess.Events.CascadeEvent
|WarehouseProcess.Events.CalendarDate
|WarehouseProcess.Events.RetryEvent
|Foundation.Core.Binding
|Foundation.Core.Comment
|Foundation.Core.Feature
|WarehouseDeployment.DeployedComponent
|MDDB.Dimension
|WarehouseDeployment.ProviderConnection
|XML.Attribute
|CWMFoundation.Telephone
|CWMFoundation.TypeAlias
|CWMFoundation.UniqueKey
|CWMFoundation.Document
|CWMFoundation.EmailID
|CWMFoundation.Location
|Model_Management.Model
|Foundation.Core.Class
|Foundation.Core.Method
|Foundation.Core.Usage
|XML.MixedContent
|Model_Management.Package
|RecordOriented.RecordFile
|WarehouseProcess.Events.RecurringPointInTimeEvent
|Transformation.ClassMap
|CWMFoundation.Description
|CWMFoundation.FeatureNode
|CWMFoundation.ElementNode
|CWMFoundation.Enumeration
|CWMFoundation.UnionMember
|CWMFoundation.ContactInfo
|CWMFoundation.ConstantNode
|Relational.SQLDistinctType
|Relational.SQLIndexColumn
|Foundation.Core.Flow
|Foundation.Core.Node
|Relational.UniqueConstraint
|WarehouseDeployment.SoftwareSystem
|MDDB.DimensionedObject
|CWMFoundation.EnumerationLiteral
|Olap.Hierarchy
|Olap.MemberSelection
|RecordOriented.FieldValueCondition
|Relational.SQLDataType
|XML.ElementContent
|RecordOriented.Record
|Relational.SQLIndex

```

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Relational.SQLQuery
Relational.BaseTable
Relational.ColumnSet
Relational.Procedure
Relational.ForeignKey
Behavioral_Elements.Common_Behavior.Link
Behavioral_Elements.State_Machines.Event
Behavioral_Elements.State_Machines.Guard
Behavioral_Elements.State_Machines.State
Transformation.DataObjectSet
Olap.Measure
Relational.SQLSimpleType
WarehouseOperation.ActivityExecution
Transformation.Transformation
Model_Management.Subsystem
Foundation.Core.Classifier
Foundation.Core.Operation
Foundation.Core.Component
Foundation.Core.Namespace
Foundation.Core.Constraint
Foundation.Core.Dependency
Foundation.Core.Parameter
Foundation.Core.Permission
Foundation.Core.Abstraction
Foundation.Core.Association
Foundation.Core.Attribute
Foundation.Core.Interface
CWMFoundation.DataTypeMapping
Foundation.Core.AssociationClass
CWMFoundation.KeyRelationship
CWMFoundation.ResponsibleParty
XML.Schema
CWMFoundation.IndexedFeature
CWMFoundation.ExpressionNode
RecordOriented.Field
RecordOriented.Group
Behavioral_Elements.Collaborations.ClassifierRole
Behavioral_Elements.Collaborations.AssociationEndRole
Behavioral_Elements.Collaborations.AssociationRole
Behavioral_Elements.State_Machines.CompositeState
Behavioral_Elements.State_Machines.SubmachineState
Behavioral_Elements.Common_Behavior.ActionSequence
Behavioral_Elements.Common_Behavior.AttributeLink
Behavioral_Elements.Common_Behavior.ComponentInstance
Behavioral_Elements.Common_Behavior.DestroyAction
Behavioral_Elements.Common_Behavior.TerminateAction
Behavioral_Elements.Activity_Graphs.ActivityGraph
Behavioral_Elements.Activity_Graphs.ClassifierInState
Behavioral_Elements.Activity_Graphs.ObjectFlowState
Behavioral_Elements.Activity_Graphs.SubactivityState
Behavioral_Elements.Activity_Graphs.ActionState
WarehouseOperation.Measurement
Behavioral_Elements.Use_Cases.Include
Behavioral_Elements.Use_Cases.UseCase
Relational.Table
Behavioral_Elements.Collaborations.Interaction
Behavioral_Elements.Common_Behavior.CallAction
Behavioral_Elements.Common_Behavior.LinkObject
Olap.ValueBasedHierarchy
WarehouseDeployment.Site
Relational.View
Olap.CodedLevel
WarehouseProcess.Events.CustomCalendar
WarehouseProcess.Events.ExternalEvent
WarehouseProcess.Events.IntervalEvent
WarehouseProcess.Events.ScheduleEvent
WarehouseProcess.Events.WarehouseEvent

```

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RecordOriented.FixedOffsetField  
 Behavioral\_Elements.Collaborations.Collaboration  
 Behavioral\_Elements.Common\_Behavior.CreateAction  
 Behavioral\_Elements.Common\_Behavior.NodeInstance  
 Behavioral\_Elements.Common\_Behavior.ReturnAction  
 Olap.CubeDimensionAssociation  
 Olap.DimensionMap  
 Olap.HierarchyMap  
 Transformation.PrecedenceConstrainedBy  
 Transformation.TransformationActivity  
 Transformation.AttributeMap  
 XML.Content  
 Olap.LevelBasedHierarchy  
 Olap.Dimension  
 Olap.Cube  
 Relational.SQLStructuredType  
 Olap.LevelMap  
 WarehouseDeployment.DataProvider  
 WarehouseDeployment.DataResource  
 Olap.Schema  
 WarehouseDeployment.Machine  
 WarehouseOperation.ChangeRequest  
 Foundation.Extension\_Mechanisms.Stereotype  
 WarehouseOperation.StepExecution  
 WarehouseProcess.Events.PointInTimeEvent  
 WarehouseProcess.Events.CustomCalendarEvent  
 Foundation.Core.DataType  
 MDDB.Schema  
 Foundation.Core.ModelElement  
 Foundation.Core.Relationship  
 Foundation.Core.Generalization  
 Foundation.Core.AssociationEnd  
 Behavioral\_Elements.Activity\_Graphs.CallState  
 Behavioral\_Elements.Activity\_Graphs.Partition  
 Behavioral\_Elements.Collaborations.Message  
 Behavioral\_Elements.Common\_Behavior.LinkEnd  
 Behavioral\_Elements.Common\_Behavior.DataValue  
 Behavioral\_Elements.Common\_Behavior.Signal  
 Behavioral\_Elements.Common\_Behavior.Object  
 Behavioral\_Elements.Common\_Behavior.Argument  
 Behavioral\_Elements.Common\_Behavior.Action  
 Behavioral\_Elements.Common\_Behavior.Exception  
 Behavioral\_Elements.Common\_Behavior.Stimulus  
 Foundation.Core.BehavioralFeature  
 Behavioral\_Elements.State\_Machines.CallEvent  
 Behavioral\_Elements.State\_Machines.FinalState  
 Behavioral\_Elements.State\_Machines.SynchState  
 Behavioral\_Elements.State\_Machines.StubState  
 Behavioral\_Elements.State\_Machines.Transition  
 Behavioral\_Elements.State\_Machines.TimeEvent  
 Behavioral\_Elements.Use\_Cases.ExtensionPoint  
 Behavioral\_Elements.Use\_Cases.UseCaseInstance  
 Foundation.Core.GeneralizableElement  
 Foundation.Core.StructuralFeature  
 Transformation.TransformationConstrainedBy  
 Olap.StructureMap  
 Behavioral\_Elements.State\_Machines.ChangeEvent  
 Behavioral\_Elements.State\_Machines.Pseudostate  
 Behavioral\_Elements.State\_Machines.StateMachine  
 Behavioral\_Elements.State\_Machines.StateVertex  
 Behavioral\_Elements.State\_Machines.SimpleState  
 Behavioral\_Elements.State\_Machines.SignalEvent  
 Relational.Catalog  
 Relational.Schema  
 Relational.Column  
 Relational.Trigger  
 WarehouseDeployment.DeployedSoftwareSystem

```

|Olap.Level
|Behavioral_Elements.Common_Behavior.UninterpretedAction
|Olap.CubeRegion
|Behavioral_Elements.Use_Cases.Actor
|CWMFoundation.Index
|CWMFoundation.Union
|Olap.HierarchyLevelAssociation)+>
<!ELEMENT Foundation.Core.Dependency.supplier (Transformation.TransformationMap
|Transformation.TransformationTree
|Transformation.TransformationTask
|Transformation.TransformationStep
|XML.ElementType
|WarehouseProcess.WarehouseProcess
|WarehouseProcess.Events.CascadeEvent
|WarehouseProcess.Events.CalendarDate
|WarehouseProcess.Events.RetryEvent
|Foundation.Core.Binding
|Foundation.Core.Comment
|Foundation.Core.Feature
|WarehouseDeployment.DeployedComponent
|MDDB.Dimension
|WarehouseDeployment.ProviderConnection
|XML.Attribute
|CWMFoundation.Telephone
|CWMFoundation.TypeAlias
|CWMFoundation.UniqueKey
|CWMFoundation.Document
|CWMFoundation.EMailID
|CWMFoundation.Location
|Model_Management.Model
|Foundation.Core.Class
|Foundation.Core.Method
|Foundation.Core.Usage
|XML.MixedContent
|Model_Management.Package
|RecordOriented.RecordFile
|WarehouseProcess.Events.RecurringPointInTimeEvent
|Transformation.ClassMap
|CWMFoundation.Description
|CWMFoundation.FeatureNode
|CWMFoundation.ElementNode
|CWMFoundation.Enumeration
|CWMFoundation.UnionMember
|CWMFoundation.ContactInfo
|CWMFoundation.ConstantNode
|Relational.SQLDistinctType
|Relational.SQLIndexColumn
|Foundation.Core.Flow
|Foundation.Core.Node
|Relational.UniqueConstraint
|WarehouseDeployment.SoftwareSystem
|MDDB.DimensionedObject
|CWMFoundation.EnumerationLiteral
|Olap.Hierarchy
|Olap.MemberSelection
|RecordOriented.FieldValueCondition
|Relational.SQLDataType
|XML.ElementContent
|RecordOriented.Record
|Relational.SQLIndex
|Relational.SQLQuery
|Relational.BaseTable
|Relational.ColumnSet
|Relational.Procedure
|Relational.ForeignKey
|Behavioral_Elements.Common_Behavior.Link

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Behavioral_Elements.State_Machines.Event
Behavioral_Elements.State_Machines.Guard
Behavioral_Elements.State_Machines.State
Transformation.DataObjectSet
Olap.Measure
Relational.SQLSimpleType
WarehouseOperation.ActivityExecution
Transformation.Transformation
Model_Management.Subsystem
Foundation.Core.Classifier
Foundation.Core.Operation
Foundation.Core.Component
Foundation.Core.Namespace
Foundation.Core.Constraint
Foundation.Core.Dependency
Foundation.Core.Parameter
Foundation.Core.Permission
Foundation.Core.Abstraction
Foundation.Core.Association
Foundation.Core.Attribute
Foundation.Core.Interface
CWMFoundation.DataTypeMapping
Foundation.Core.AssociationClass
CWMFoundation.KeyRelationship
CWMFoundation.ResponsibleParty
XML.Schema
CWMFoundation.IndexedFeature
CWMFoundation.ExpressionNode
RecordOriented.Field
RecordOriented.Group
Behavioral_Elements.Collaborations.ClassifierRole
Behavioral_Elements.Collaborations.AssociationEndRole
Behavioral_Elements.Collaborations.AssociationRole
Behavioral_Elements.State_Machines.CompositeState
Behavioral_Elements.State_Machines.SubmachineState
Behavioral_Elements.Common_Behavior.ActionSequence
Behavioral_Elements.Common_Behavior.AttributeLink
Behavioral_Elements.Common_Behavior.ComponentInstance
Behavioral_Elements.Common_Behavior.DestroyAction
Behavioral_Elements.Common_Behavior.TerminateAction
Behavioral_Elements.Activity_Graphs.ActivityGraph
Behavioral_Elements.Activity_Graphs.ClassifierInState
Behavioral_Elements.Activity_Graphs.ObjectFlowState
Behavioral_Elements.Activity_Graphs.SubactivityState
Behavioral_Elements.Activity_Graphs.ActionState
WarehouseOperation.Measurement
Behavioral_Elements.Use_Cases.Include
Behavioral_Elements.Use_Cases.UseCase
Relational.Table
Behavioral_Elements.Collaborations.Interaction
Behavioral_Elements.Common_Behavior.CallAction
Behavioral_Elements.Common_Behavior.LinkObject
Olap.ValueBasedHierarchy
WarehouseDeployment.Site
Relational.View
Olap.CodedLevel
WarehouseProcess.Events.CustomCalendar
WarehouseProcess.Events.ExternalEvent
WarehouseProcess.Events.IntervalEvent
WarehouseProcess.Events.ScheduleEvent
WarehouseProcess.Events.WarehouseEvent
RecordOriented.FixedOffsetField
Behavioral_Elements.Collaborations.Collaboration
Behavioral_Elements.Common_Behavior.CreateAction
Behavioral_Elements.Common_Behavior.NodeInstance
Behavioral_Elements.Common_Behavior.ReturnAction
Olap.CubeDimensionAssociation

```

Olap.DimensionMap  
 Olap.HierarchyMap  
 Transformation.PrecedenceConstrainedBy  
 Transformation.TransformationActivity  
 Transformation.AttributeMap  
 XML.Content  
 Olap.LevelBasedHierarchy  
 Olap.Dimension  
 Olap.Cube  
 Relational.SQLStructuredType  
 Olap.LevelMap  
 WarehouseDeployment.DataProvider  
 WarehouseDeployment.DataResource  
 Olap.Schema  
 WarehouseDeployment.Machine  
 WarehouseOperation.ChangeRequest  
 Foundation.Extension\_Mechanisms.Stereotype  
 WarehouseOperation.StepExecution  
 WarehouseProcess.Events.PointInTimeEvent  
 WarehouseProcess.Events.CustomCalendarEvent  
 Foundation.Core.DataType  
 MDDB.Schema  
 Foundation.Core.ModelElement  
 Foundation.Core.Relationship  
 Foundation.Core.Generalization  
 Foundation.Core.AssociationEnd  
 Behavioral\_Elements.Activity\_Graphs.CallState  
 Behavioral\_Elements.Activity\_Graphs.Partition  
 Behavioral\_Elements.Collaborations.Message  
 Behavioral\_Elements.Common\_Behavior.LinkEnd  
 Behavioral\_Elements.Common\_Behavior.DataValue  
 Behavioral\_Elements.Common\_Behavior.Signal  
 Behavioral\_Elements.Common\_Behavior.Object  
 Behavioral\_Elements.Common\_Behavior.Argument  
 Behavioral\_Elements.Common\_Behavior.Action  
 Behavioral\_Elements.Common\_Behavior.Exception  
 Behavioral\_Elements.Common\_Behavior.Stimulus  
 Foundation.Core.BehavioralFeature  
 Behavioral\_Elements.State\_Machines.CallEvent  
 Behavioral\_Elements.State\_Machines.FinalState  
 Behavioral\_Elements.State\_Machines.SynchState  
 Behavioral\_Elements.State\_Machines.StubState  
 Behavioral\_Elements.State\_Machines.Transition  
 Behavioral\_Elements.State\_Machines.TimeEvent  
 Behavioral\_Elements.Use\_Cases.ExtensionPoint  
 Behavioral\_Elements.Use\_Cases.UseCaseInstance  
 Foundation.Core.GeneralizableElement  
 Foundation.Core.StructuralFeature  
 Transformation.TransformationConstrainedBy  
 Olap.StructureMap  
 Behavioral\_Elements.State\_Machines.ChangeEvent  
 Behavioral\_Elements.State\_Machines.Pseudostate  
 Behavioral\_Elements.State\_Machines.StateMachine  
 Behavioral\_Elements.State\_Machines.StateVertex  
 Behavioral\_Elements.State\_Machines.SimpleState  
 Behavioral\_Elements.State\_Machines.SignalEvent  
 Relational.Catalog  
 Relational.Schema  
 Relational.Column  
 Relational.Trigger  
 WarehouseDeployment.DeployedSoftwareSystem  
 Olap.Level  
 Behavioral\_Elements.Common\_Behavior.UninterpretedAction  
 Olap.CubeRegion  
 Behavioral\_Elements.Use\_Cases.Actor  
 CWMFoundation.Index  
 CWMFoundation.Union

```

|Olap.HierarchyLevelAssociation)+>
<!ENTITY % Foundation.Core.DependencyProperties ‘(%Foundation.Core.RelationshipProperties;)’
>
<!ENTITY % Foundation.Core.DependencyAssociations
‘(%Foundation.Core.RelationshipAssociations;
,Foundation.Core.Dependency.client+
,Foundation.Core.Dependency.supplier+)’ >
<!ENTITY % Foundation.Core.DependencyCompositions
‘(%Foundation.Core.RelationshipCompositions;)’ >
<!ELEMENT Foundation.Core.Dependency ( %Foundation.Core.DependencyProperties;
,(XMI.extension* , %Foundation.Core.DependencyAssociations; )
, %Foundation.Core.DependencyCompositions; )?>
<!ATTLIST Foundation.Core.Dependency %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Abstraction -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Core.Abstraction.mapping (Foundation.Data_Types.MappingExpression)>
<!ENTITY % Foundation.Core.AbstractionProperties ‘(%Foundation.Core.DependencyProperties;
,Foundation.Core.Abstraction.mapping )’ >
<!ENTITY % Foundation.Core.AbstractionAssociations
‘(%Foundation.Core.DependencyAssociations;)’ >
<!ENTITY % Foundation.Core.AbstractionCompositions
‘(%Foundation.Core.DependencyCompositions;)’ >
<!ELEMENT Foundation.Core.Abstraction ( %Foundation.Core.AbstractionProperties;
,(XMI.extension* , %Foundation.Core.AbstractionAssociations; )
, %Foundation.Core.AbstractionCompositions; )?>
<!ATTLIST Foundation.Core.Abstraction %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.PresentationElement -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Core.PresentationElement.subject (Transformation.TransformationMap
|Transformation.TransformationTree
|Transformation.TransformationTask
|Transformation.TransformationStep
|XML.ElementType
|WarehouseProcess.WarehouseProcess
|WarehouseProcess.Events.CascadeEvent
|WarehouseProcess.Events.CalendarDate
|WarehouseProcess.Events.RetryEvent
|Foundation.Core.Binding
|Foundation.Core.Comment
|Foundation.Core.Feature
|WarehouseDeployment.DeployedComponent
|MDDB.Dimension
|WarehouseDeployment.ProviderConnection
|XML.Attribute
|CWMFoundation.Telephone

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CWMFoundation.TypeAlias  
 CWMFoundation.UniqueKey  
 CWMFoundation.Document  
 CWMFoundation.EMailID  
 CWMFoundation.Location  
 Model\_Management.Model  
 Foundation.Core.Class  
 Foundation.Core.Method  
 Foundation.Core.Usage  
 XML.MixedContent  
 Model\_Management.Package  
 RecordOriented.RecordFile  
 WarehouseProcess.Events.RecurringPointInTimeEvent  
 Transformation.ClassMap  
 CWMFoundation.Description  
 CWMFoundation.FeatureNode  
 CWMFoundation.ElementNode  
 CWMFoundation.Enumeration  
 CWMFoundation.UnionMember  
 CWMFoundation.ContactInfo  
 CWMFoundation.ConstantNode  
 Relational.SQLDistinctType  
 Relational.SQLIndexColumn  
 Foundation.Core.Flow  
 Foundation.Core.Node  
 Relational.UniqueConstraint  
 WarehouseDeployment.SoftwareSystem  
 MDDB.DimensionedObject  
 CWMFoundation.EnumerationLiteral  
 Olap.Hierarchy  
 Olap.MemberSelection  
 RecordOriented.FieldValueCondition  
 Relational.SQLDataType  
 XML.ElementContent  
 RecordOriented.Record  
 Relational.SQLIndex  
 Relational.SQLQuery  
 Relational.BaseTable  
 Relational.ColumnSet  
 Relational.Procedure  
 Relational.ForeignKey  
 Behavioral\_Elements.Common\_Behavior.Link  
 Behavioral\_Elements.State\_Machines.Event  
 Behavioral\_Elements.State\_Machines.Guard  
 Behavioral\_Elements.State\_Machines.State  
 Transformation.DataObjectSet  
 Olap.Measure  
 Relational.SQLSimpleType  
 WarehouseOperation.ActivityExecution  
 Transformation.Transformation  
 Model\_Management.Subsystem  
 Foundation.Core.Classifier  
 Foundation.Core.Operation  
 Foundation.Core.Component  
 Foundation.Core.Namespace  
 Foundation.Core.Constraint  
 Foundation.Core.Dependency  
 Foundation.Core.Parameter  
 Foundation.Core.Permission  
 Foundation.Core.Abstraction  
 Foundation.Core.Association  
 Foundation.Core.Attribute  
 Foundation.Core.Interface  
 CWMFoundation.DataTypeMapping  
 Foundation.Core.AssociationClass  
 CWMFoundation.KeyRelationship  
 CWMFoundation.ResponsibleParty

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XML.Schema  
 CWMFoundation.IndexedFeature  
 CWMFoundation.ExpressionNode  
 RecordOriented.Field  
 RecordOriented.Group  
 Behavioral\_Elements.Collaborations.ClassifierRole  
 Behavioral\_Elements.Collaborations.AssociationEndRole  
 Behavioral\_Elements.Collaborations.AssociationRole  
 Behavioral\_Elements.State\_Machines.CompositeState  
 Behavioral\_Elements.State\_Machines.SubmachineState  
 Behavioral\_Elements.Common\_Behavior.ActionSequence  
 Behavioral\_Elements.Common\_Behavior.AttributeLink  
 Behavioral\_Elements.Common\_Behavior.ComponentInstance  
 Behavioral\_Elements.Common\_Behavior.DestroyAction  
 Behavioral\_Elements.Common\_Behavior.TerminateAction  
 Behavioral\_Elements.Activity\_Graphs.ActivityGraph  
 Behavioral\_Elements.Activity\_Graphs.ClassifierInState  
 Behavioral\_Elements.Activity\_Graphs.ObjectFlowState  
 Behavioral\_Elements.Activity\_Graphs.SubactivityState  
 Behavioral\_Elements.Activity\_Graphs.ActionState  
 WarehouseOperation.Measurement  
 Behavioral\_Elements.Use\_Cases.Include  
 Behavioral\_Elements.Use\_Cases.UseCase  
 Relational.Table  
 Behavioral\_Elements.Collaborations.Interaction  
 Behavioral\_Elements.Common\_Behavior.CallAction  
 Behavioral\_Elements.Common\_Behavior.LinkObject  
 Olap.ValueBasedHierarchy  
 WarehouseDeployment.Site  
 Relational.View  
 Olap.CodedLevel  
 WarehouseProcess.Events.CustomCalendar  
 WarehouseProcess.Events.ExternalEvent  
 WarehouseProcess.Events.IntervalEvent  
 WarehouseProcess.Events.ScheduleEvent  
 WarehouseProcess.Events.WarehouseEvent  
 RecordOriented.FixedOffsetField  
 Behavioral\_Elements.Collaborations.Collaboration  
 Behavioral\_Elements.Common\_Behavior.CreateAction  
 Behavioral\_Elements.Common\_Behavior.NodeInstance  
 Behavioral\_Elements.Common\_Behavior.ReturnAction  
 Olap.CubeDimensionAssociation  
 Olap.DimensionMap  
 Olap.HierarchyMap  
 Transformation.PrecedenceConstrainedBy  
 Transformation.TransformationActivity  
 Transformation.AttributeMap  
 XML.Content  
 Olap.LevelBasedHierarchy  
 Olap.Dimension  
 Olap.Cube  
 Relational.SQLStructuredType  
 Olap.LevelMap  
 WarehouseDeployment.DataProvider  
 WarehouseDeployment.DataResource  
 Olap.Schema  
 WarehouseDeployment.Machine  
 WarehouseOperation.ChangeRequest  
 Foundation.Extension\_Mechanisms.Stereotype  
 WarehouseOperation.StepExecution  
 WarehouseProcess.Events.PointInTimeEvent  
 WarehouseProcess.Events.CustomCalendarEvent  
 Foundation.Core.DataType  
 MDDB.Schema  
 Foundation.Core.ModelElement  
 Foundation.Core.Relationship  
 Foundation.Core.Generalization

```

Foundation.Core.AssociationEnd
Behavioral_Elements.Activity_Graphs.CallState
Behavioral_Elements.Activity_Graphs.Partition
Behavioral_Elements.Collaborations.Message
Behavioral_Elements.Common_Behavior.LinkEnd
Behavioral_Elements.Common_Behavior.DataValue
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Object
Behavioral_Elements.Common_Behavior.Argument
Behavioral_Elements.Common_Behavior.Action
Behavioral_Elements.Common_Behavior.Exception
Behavioral_Elements.Common_Behavior.Stimulus
Foundation.Core.BehavioralFeature
Behavioral_Elements.State_Machines.CallEvent
Behavioral_Elements.State_Machines.FinalState
Behavioral_Elements.State_Machines.SynchState
Behavioral_Elements.State_Machines.StubState
Behavioral_Elements.State_Machines.Transition
Behavioral_Elements.State_Machines.TimeEvent
Behavioral_Elements.Use_Cases.ExtensionPoint
Behavioral_Elements.Use_Cases.UseCaseInstance
Foundation.Core.GeneralizableElement
Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema
Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation)*>

```

```

<!ENTITY % Foundation.Core.PresentationElementAssociations
        '(Foundation.Core.PresentationElement.subject*)' >

```

```

<!ELEMENT Foundation.Core.PresentationElement ((XMI.extension* ,
        %Foundation.Core.PresentationElementAssociations; ) )?>

```

```

<!ATTLIST Foundation.Core.PresentationElement %XMI.element.att; %XMI.link.att; >

```

```

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Usage _____ -->
<!-- _____ -->
<!-- _____ -->

```

```

<!ENTITY % Foundation.Core.UsageProperties '(%Foundation.Core.DependencyProperties;)' >

```

```

<!ENTITY % Foundation.Core.UsageAssociations '(%Foundation.Core.DependencyAssociations;)' >

```

```

<!ENTITY % Foundation.Core.UsageCompositions '(%Foundation.Core.DependencyCompositions;)' >

```

```

<!ELEMENT Foundation.Core.Usage ( %Foundation.Core.UsageProperties;
        , (XMI.extension* , %Foundation.Core.UsageAssociations; )

```

```

        , %Foundation.Core.UsageCompositions; )?>
<!-- Foundation.Core.Usage %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Binding _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- ENTITY % Foundation.Core.BindingProperties '(%Foundation.Core.DependencyProperties;)' >
<!-- ENTITY % Foundation.Core.BindingAssociations '(%Foundation.Core.DependencyAssociations;)' >
<!-- ENTITY % Foundation.Core.BindingCompositions '(%Foundation.Core.DependencyCompositions;
Foundation.Core.Binding.argument+)' >

<!-- ELEMENT Foundation.Core.Binding ( %Foundation.Core.BindingProperties;
(XMI.extension* , %Foundation.Core.BindingAssociations; )
, %Foundation.Core.BindingCompositions; )?>

<!-- Foundation.Core.Binding %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Component _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- ELEMENT Foundation.Core.Component.deploymentLocation (Foundation.Core.Node)*>
<!-- ENTITY % Foundation.Core.ComponentProperties '(%Foundation.Core.ClassifierProperties;)' >
<!-- ENTITY % Foundation.Core.ComponentAssociations '(%Foundation.Core.ClassifierAssociations;
Foundation.Core.Component.deploymentLocation*)' >
<!-- ENTITY % Foundation.Core.ComponentCompositions '(%Foundation.Core.ClassifierCompositions;
Foundation.Core.Component.residentElement*)' >
<!-- ELEMENT Foundation.Core.Component ( %Foundation.Core.ComponentProperties;
(XMI.extension* , %Foundation.Core.ComponentAssociations; )
, %Foundation.Core.ComponentCompositions; )?>

<!-- Foundation.Core.Component %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Node _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- ENTITY % Foundation.Core.NodeProperties '(%Foundation.Core.ClassifierProperties;)' >
<!-- ENTITY % Foundation.Core.NodeAssociations '(%Foundation.Core.ClassifierAssociations;)' >
<!-- ENTITY % Foundation.Core.NodeCompositions '(%Foundation.Core.ClassifierCompositions;
Foundation.Core.Node.resident*)' >
<!-- ELEMENT Foundation.Core.Node ( %Foundation.Core.NodeProperties;
(XMI.extension* , %Foundation.Core.NodeAssociations; )
, %Foundation.Core.NodeCompositions; )?>

<!-- Foundation.Core.Node %XMI.element.att; %XMI.link.att; >

```

```

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Permission _____ -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Foundation.Core.PermissionProperties '(%Foundation.Core.DependencyProperties;)' >
<!ENTITY % Foundation.Core.PermissionAssociations
      '(%Foundation.Core.DependencyAssociations;)' >
<!ENTITY % Foundation.Core.PermissionCompositions
      '(%Foundation.Core.DependencyCompositions;)' >
<!ELEMENT Foundation.Core.Permission ( %Foundation.Core.PermissionProperties;
      , (XMI.extension* , %Foundation.Core.PermissionAssociations; )
      , %Foundation.Core.PermissionCompositions; )?>
<!ATTLIST Foundation.Core.Permission %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Comment _____ -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Core.Comment.annotatedElement (Transformation.TransformationMap
|Transformation.TransformationTree
|Transformation.TransformationTask
|Transformation.TransformationStep
|XML.ElementType
|WarehouseProcess.WarehouseProcess
|WarehouseProcess.Events.CascadeEvent
|WarehouseProcess.Events.CalendarDate
|WarehouseProcess.Events.RetryEvent
|Foundation.Core.Binding
|Foundation.Core.Comment
|Foundation.Core.Feature
|WarehouseDeployment.DeployedComponent
|MDDB.Dimension
|WarehouseDeployment.ProviderConnection
|XML.Attribute
|CWMFoundation.Telephone
|CWMFoundation.TypeAlias
|CWMFoundation.UniqueKey
|CWMFoundation.Document
|CWMFoundation.EMailID
|CWMFoundation.Location
|Model_Management.Model
|Foundation.Core.Class
|Foundation.Core.Method
|Foundation.Core.Usage
|XML.MixedContent
|Model_Management.Package
|RecordOriented.RecordFile
|WarehouseProcess.Events.RecurringPointInTimeEvent
|Transformation.ClassMap
|CWMFoundation.Description
|CWMFoundation.FeatureNode
|CWMFoundation.ElementNode
|CWMFoundation.Enumeration
|CWMFoundation.UnionMember
|CWMFoundation.ContactInfo
|CWMFoundation.ConstantNode
|Relational.SQLDistinctType

```

Relational.SQLIndexColumn  
Foundation.Core.Flow  
Foundation.Core.Node  
Relational.UniqueConstraint  
WarehouseDeployment.SoftwareSystem  
MDDB.DimensionedObject  
CWMFoundation.EnumerationLiteral  
Olap.Hierarchy  
Olap.MemberSelection  
RecordOriented.FieldValueCondition  
Relational.SQLDataType  
XML.ElementContent  
RecordOriented.Record  
Relational.SQLIndex  
Relational.SQLQuery  
Relational.BaseTable  
Relational.ColumnSet  
Relational.Procedure  
Relational.ForeignKey  
Behavioral\_Elements.Common\_Behavior.Link  
Behavioral\_Elements.State\_Machines.Event  
Behavioral\_Elements.State\_Machines.Guard  
Behavioral\_Elements.State\_Machines.State  
Transformation.DataObjectSet  
Olap.Measure  
Relational.SQLSimpleType  
WarehouseOperation.ActivityExecution  
Transformation.Transformation  
Model\_Management.Subsystem  
Foundation.Core.Classifier  
Foundation.Core.Operation  
Foundation.Core.Component  
Foundation.Core.Namespace  
Foundation.Core.Constraint  
Foundation.Core.Dependency  
Foundation.Core.Parameter  
Foundation.Core.Permission  
Foundation.Core.Abstraction  
Foundation.Core.Association  
Foundation.Core.Attribute  
Foundation.Core.Interface  
CWMFoundation.DataTypeMapping  
Foundation.Core.AssociationClass  
CWMFoundation.KeyRelationship  
CWMFoundation.ResponsibleParty  
XML.Schema  
CWMFoundation.IndexedFeature  
CWMFoundation.ExpressionNode  
RecordOriented.Field  
RecordOriented.Group  
Behavioral\_Elements.Collaborations.ClassifierRole  
Behavioral\_Elements.Collaborations.AssociationEndRole  
Behavioral\_Elements.Collaborations.AssociationRole  
Behavioral\_Elements.State\_Machines.CompositeState  
Behavioral\_Elements.State\_Machines.SubmachineState  
Behavioral\_Elements.Common\_Behavior.ActionSequence  
Behavioral\_Elements.Common\_Behavior.AttributeLink  
Behavioral\_Elements.Common\_Behavior.ComponentInstance  
Behavioral\_Elements.Common\_Behavior.DestroyAction  
Behavioral\_Elements.Common\_Behavior.TerminateAction  
Behavioral\_Elements.Activity\_Graphs.ActivityGraph  
Behavioral\_Elements.Activity\_Graphs.ClassifierInState  
Behavioral\_Elements.Activity\_Graphs.ObjectFlowState  
Behavioral\_Elements.Activity\_Graphs.SubactivityState  
Behavioral\_Elements.Activity\_Graphs.ActionState  
WarehouseOperation.Measurement  
Behavioral\_Elements.Use\_Cases.Include

Behavioral\_Elements.Use\_Cases.UseCase  
 Relational.Table  
 Behavioral\_Elements.Collaborations.Interaction  
 Behavioral\_Elements.Common\_Behavior.CallAction  
 Behavioral\_Elements.Common\_Behavior.LinkObject  
 Olap.ValueBasedHierarchy  
 WarehouseDeployment.Site  
 Relational.View  
 Olap.CodedLevel  
 WarehouseProcess.Events.CustomCalendar  
 WarehouseProcess.Events.ExternalEvent  
 WarehouseProcess.Events.IntervalEvent  
 WarehouseProcess.Events.ScheduleEvent  
 WarehouseProcess.Events.WarehouseEvent  
 RecordOriented.FixedOffsetField  
 Behavioral\_Elements.Collaborations.Collaboration  
 Behavioral\_Elements.Common\_Behavior.CreateAction  
 Behavioral\_Elements.Common\_Behavior.NodeInstance  
 Behavioral\_Elements.Common\_Behavior.ReturnAction  
 Olap.CubeDimensionAssociation  
 Olap.DimensionMap  
 Olap.HierarchyMap  
 Transformation.PrecedenceConstrainedBy  
 Transformation.TransformationActivity  
 Transformation.AttributeMap  
 XML.Content  
 Olap.LevelBasedHierarchy  
 Olap.Dimension  
 Olap.Cube  
 Relational.SQLStructuredType  
 Olap.LevelMap  
 WarehouseDeployment.DataProvider  
 WarehouseDeployment.DataResource  
 Olap.Schema  
 WarehouseDeployment.Machine  
 WarehouseOperation.ChangeRequest  
 Foundation.Extension\_Mechanisms.Stereotype  
 WarehouseOperation.StepExecution  
 WarehouseProcess.Events.PointInTimeEvent  
 WarehouseProcess.Events.CustomCalendarEvent  
 Foundation.Core.DataType  
 MDDB.Schema  
 Foundation.Core.ModelElement  
 Foundation.Core.Relationship  
 Foundation.Core.Generalization  
 Foundation.Core.AssociationEnd  
 Behavioral\_Elements.Activity\_Graphs.CallState  
 Behavioral\_Elements.Activity\_Graphs.Partition  
 Behavioral\_Elements.Collaborations.Message  
 Behavioral\_Elements.Common\_Behavior.LinkEnd  
 Behavioral\_Elements.Common\_Behavior.DataValue  
 Behavioral\_Elements.Common\_Behavior.Signal  
 Behavioral\_Elements.Common\_Behavior.Object  
 Behavioral\_Elements.Common\_Behavior.Argument  
 Behavioral\_Elements.Common\_Behavior.Action  
 Behavioral\_Elements.Common\_Behavior.Exception  
 Behavioral\_Elements.Common\_Behavior.Stimulus  
 Foundation.Core.BehavioralFeature  
 Behavioral\_Elements.State\_Machines.CallEvent  
 Behavioral\_Elements.State\_Machines.FinalState  
 Behavioral\_Elements.State\_Machines.SynchState  
 Behavioral\_Elements.State\_Machines.StubState  
 Behavioral\_Elements.State\_Machines.Transition  
 Behavioral\_Elements.State\_Machines.TimeEvent  
 Behavioral\_Elements.Use\_Cases.ExtensionPoint  
 Behavioral\_Elements.Use\_Cases.UseCaseInstance  
 Foundation.Core.GeneralizableElement

```

Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema
Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation)*>

<!ENTITY % Foundation.Core.CommentProperties ‘(%Foundation.Core.ModelElementProperties;)’ >
<!ENTITY % Foundation.Core.CommentAssociations ‘(%Foundation.Core.ModelElementAssociations;
,Foundation.Core.Comment.annotatedElement*)’ >
<!ENTITY % Foundation.Core.CommentCompositions ‘(%Foundation.Core.ModelElementCompositions;)’
>
<!ELEMENT Foundation.Core.Comment ( %Foundation.Core.CommentProperties;
, (XMI.extension* , %Foundation.Core.CommentAssociations; )
, %Foundation.Core.CommentCompositions; )?>
<!ATTLIST Foundation.Core.Comment %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.Flow -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Core.Flow.target (Transformation.TransformationMap
|Transformation.TransformationTree
|Transformation.TransformationTask
|Transformation.TransformationStep
|XML.ElementType
|WarehouseProcess.WarehouseProcess
|WarehouseProcess.Events.CascadeEvent
|WarehouseProcess.Events.CalendarDate
|WarehouseProcess.Events.RetryEvent
|Foundation.Core.Binding
|Foundation.Core.Comment
|Foundation.Core.Feature
|WarehouseDeployment.DeployedComponent
|MDDB.Dimension
|WarehouseDeployment.ProviderConnection
|XML.Attribute
|CWMFoundation.Telephone
|CWMFoundation.TypeAlias
|CWMFoundation.UniqueKey
|CWMFoundation.Document
|CWMFoundation.EMailID
|CWMFoundation.Location
|Model_Management.Model
|Foundation.Core.Class

```

Foundation.Core.Method  
 Foundation.Core.Usage  
 XML.MixedContent  
 Model\_Management.Package  
 RecordOriented.RecordFile  
 WarehouseProcess.Events.RecurringPointInTimeEvent  
 Transformation.ClassMap  
 CWMFoundation.Description  
 CWMFoundation.FeatureNode  
 CWMFoundation.ElementNode  
 CWMFoundation.Enumeration  
 CWMFoundation.UnionMember  
 CWMFoundation.ContactInfo  
 CWMFoundation.ConstantNode  
 Relational.SQLDistinctType  
 Relational.SQLIndexColumn  
 Foundation.Core.Flow  
 Foundation.Core.Node  
 Relational.UniqueConstraint  
 WarehouseDeployment.SoftwareSystem  
 MDDDB.DimensionedObject  
 CWMFoundation.EnumerationLiteral  
 Olap.Hierarchy  
 Olap.MemberSelection  
 RecordOriented.FieldValueCondition  
 Relational.SQLDataType  
 XML.ElementContent  
 RecordOriented.Record  
 Relational.SQLIndex  
 Relational.SQLQuery  
 Relational.BaseTable  
 Relational.ColumnSet  
 Relational.Procedure  
 Relational.ForeignKey  
 Behavioral\_Elements.Common\_Behavior.Link  
 Behavioral\_Elements.State\_Machines.Event  
 Behavioral\_Elements.State\_Machines.Guard  
 Behavioral\_Elements.State\_Machines.State  
 Transformation.DataObjectSet  
 Olap.Measure  
 Relational.SQLSimpleType  
 WarehouseOperation.ActivityExecution  
 Transformation.Transformation  
 Model\_Management.Subsystem  
 Foundation.Core.Classifier  
 Foundation.Core.Operation  
 Foundation.Core.Component  
 Foundation.Core.Namespace  
 Foundation.Core.Constraint  
 Foundation.Core.Dependency  
 Foundation.Core.Parameter  
 Foundation.Core.Permission  
 Foundation.Core.Abstraction  
 Foundation.Core.Association  
 Foundation.Core.Attribute  
 Foundation.Core.Interface  
 CWMFoundation.DataTypeMapping  
 Foundation.Core.AssociationClass  
 CWMFoundation.KeyRelationship  
 CWMFoundation.ResponsibleParty  
 XML.Schema  
 CWMFoundation.IndexedFeature  
 CWMFoundation.ExpressionNode  
 RecordOriented.Field  
 RecordOriented.Group  
 Behavioral\_Elements.Collaborations.ClassifierRole  
 Behavioral\_Elements.Collaborations.AssociationEndRole

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Behavioral\_Elements.Collaborations.AssociationRole  
 Behavioral\_Elements.State\_Machines.CompositeState  
 Behavioral\_Elements.State\_Machines.SubmachineState  
 Behavioral\_Elements.Common\_Behavior.ActionSequence  
 Behavioral\_Elements.Common\_Behavior.AttributeLink  
 Behavioral\_Elements.Common\_Behavior.ComponentInstance  
 Behavioral\_Elements.Common\_Behavior.DestroyAction  
 Behavioral\_Elements.Common\_Behavior.TerminateAction  
 Behavioral\_Elements.Activity\_Graphs.ActivityGraph  
 Behavioral\_Elements.Activity\_Graphs.ClassifierInState  
 Behavioral\_Elements.Activity\_Graphs.ObjectFlowState  
 Behavioral\_Elements.Activity\_Graphs.SubactivityState  
 Behavioral\_Elements.Activity\_Graphs.ActionState  
 WarehouseOperation.Measurement  
 Behavioral\_Elements.Use\_Cases.Include  
 Behavioral\_Elements.Use\_Cases.UseCase  
 Relational.Table  
 Behavioral\_Elements.Collaborations.Interaction  
 Behavioral\_Elements.Common\_Behavior.CallAction  
 Behavioral\_Elements.Common\_Behavior.LinkObject  
 Olap.ValueBasedHierarchy  
 WarehouseDeployment.Site  
 Relational.View  
 Olap.CodedLevel  
 WarehouseProcess.Events.CustomCalendar  
 WarehouseProcess.Events.ExternalEvent  
 WarehouseProcess.Events.IntervalEvent  
 WarehouseProcess.Events.ScheduleEvent  
 WarehouseProcess.Events.WarehouseEvent  
 RecordOriented.FixedOffsetField  
 Behavioral\_Elements.Collaborations.Collaboration  
 Behavioral\_Elements.Common\_Behavior.CreateAction  
 Behavioral\_Elements.Common\_Behavior.NodeInstance  
 Behavioral\_Elements.Common\_Behavior.ReturnAction  
 Olap.CubeDimensionAssociation  
 Olap.DimensionMap  
 Olap.HierarchyMap  
 Transformation.PrecedenceConstrainedBy  
 Transformation.TransformationActivity  
 Transformation.AttributeMap  
 XML.Content  
 Olap.LevelBasedHierarchy  
 Olap.Dimension  
 Olap.Cube  
 Relational.SQLStructuredType  
 Olap.LevelMap  
 WarehouseDeployment.DataProvider  
 WarehouseDeployment.DataResource  
 Olap.Schema  
 WarehouseDeployment.Machine  
 WarehouseOperation.ChangeRequest  
 Foundation.Extension\_Mechanisms.Stereotype  
 WarehouseOperation.StepExecution  
 WarehouseProcess.Events.PointInTimeEvent  
 WarehouseProcess.Events.CustomCalendarEvent  
 Foundation.Core.DataType  
 MDDB.Schema  
 Foundation.Core.ModelElement  
 Foundation.Core.Relationship  
 Foundation.Core.Generalization  
 Foundation.Core.AssociationEnd  
 Behavioral\_Elements.Activity\_Graphs.CallState  
 Behavioral\_Elements.Activity\_Graphs.Partition  
 Behavioral\_Elements.Collaborations.Message  
 Behavioral\_Elements.Common\_Behavior.LinkEnd  
 Behavioral\_Elements.Common\_Behavior.DataValue  
 Behavioral\_Elements.Common\_Behavior.Signal

```

Behavioral_Elements.Common_Behavior.Object
Behavioral_Elements.Common_Behavior.Argument
Behavioral_Elements.Common_Behavior.Action
Behavioral_Elements.Common_Behavior.Exception
Behavioral_Elements.Common_Behavior.Stimulus
Foundation.Core.BehavioralFeature
Behavioral_Elements.State_Machines.CallEvent
Behavioral_Elements.State_Machines.FinalState
Behavioral_Elements.State_Machines.SynchState
Behavioral_Elements.State_Machines.StubState
Behavioral_Elements.State_Machines.Transition
Behavioral_Elements.State_Machines.TimeEvent
Behavioral_Elements.Use_Cases.ExtensionPoint
Behavioral_Elements.Use_Cases.UseCaseInstance
Foundation.Core.GeneralizableElement
Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema
Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation)*>

```

```

<!ELEMENT Foundation.Core.Flow.source (Transformation.TransformationMap
Transformation.TransformationTree
Transformation.TransformationTask
Transformation.TransformationStep
XML.ElementType
WarehouseProcess.WarehouseProcess
WarehouseProcess.Events.CascadeEvent
WarehouseProcess.Events.CalendarDate
WarehouseProcess.Events.RetryEvent
Foundation.Core.Binding
Foundation.Core.Comment
Foundation.Core.Feature
WarehouseDeployment.DeployedComponent
MDDB.Dimension
WarehouseDeployment.ProviderConnection
XML.Attribute
CWMFoundation.Telephone
CWMFoundation.TypeAlias
CWMFoundation.UniqueKey
CWMFoundation.Document
CWMFoundation.EMailID
CWMFoundation.Location
Model_Management.Model
Foundation.Core.Class
Foundation.Core.Method
Foundation.Core.Usage
XML.MixedContent
Model_Management.Package
RecordOriented.RecordFile
WarehouseProcess.Events.RecurringPointInTimeEvent

```

Transformation.ClassMap  
CWMFoundation.Description  
CWMFoundation.FeatureNode  
CWMFoundation.ElementNode  
CWMFoundation.Enumeration  
CWMFoundation.UnionMember  
CWMFoundation.ContactInfo  
CWMFoundation.ConstantNode  
Relational.SQLDistinctType  
Relational.SQLIndexColumn  
Foundation.Core.Flow  
Foundation.Core.Node  
Relational.UniqueConstraint  
WarehouseDeployment.SoftwareSystem  
MDDb.DimensionedObject  
CWMFoundation.EnumerationLiteral  
Olap.Hierarchy  
Olap.MemberSelection  
RecordOriented.FieldValueCondition  
Relational.SQLDataType  
XML.ElementContent  
RecordOriented.Record  
Relational.SQLIndex  
Relational.SQLQuery  
Relational.BaseTable  
Relational.ColumnSet  
Relational.Procedure  
Relational.ForeignKey  
Behavioral\_Elements.Common\_Behavior.Link  
Behavioral\_Elements.State\_Machines.Event  
Behavioral\_Elements.State\_Machines.Guard  
Behavioral\_Elements.State\_Machines.State  
Transformation.DataObjectSet  
Olap.Measure  
Relational.SQLSimpleType  
WarehouseOperation.ActivityExecution  
Transformation.Transformation  
Model\_Management.Subsystem  
Foundation.Core.Classifier  
Foundation.Core.Operation  
Foundation.Core.Component  
Foundation.Core.Namespace  
Foundation.Core.Constraint  
Foundation.Core.Dependency  
Foundation.Core.Parameter  
Foundation.Core.Permission  
Foundation.Core.Abstraction  
Foundation.Core.Association  
Foundation.Core.Attribute  
Foundation.Core.Interface  
CWMFoundation.DataTypeMapping  
Foundation.Core.AssociationClass  
CWMFoundation.KeyRelationship  
CWMFoundation.ResponsibleParty  
XML.Schema  
CWMFoundation.IndexedFeature  
CWMFoundation.ExpressionNode  
RecordOriented.Field  
RecordOriented.Group  
Behavioral\_Elements.Collaborations.ClassifierRole  
Behavioral\_Elements.Collaborations.AssociationEndRole  
Behavioral\_Elements.Collaborations.AssociationRole  
Behavioral\_Elements.State\_Machines.CompositeState  
Behavioral\_Elements.State\_Machines.SubmachineState  
Behavioral\_Elements.Common\_Behavior.ActionSequence  
Behavioral\_Elements.Common\_Behavior.AttributeLink  
Behavioral\_Elements.Common\_Behavior.ComponentInstance

Behavioral\_Elements.Common\_Behavior.DestroyAction  
 Behavioral\_Elements.Common\_Behavior.TerminateAction  
 Behavioral\_Elements.Activity\_Graphs.ActivityGraph  
 Behavioral\_Elements.Activity\_Graphs.ClassifierInState  
 Behavioral\_Elements.Activity\_Graphs.ObjectFlowState  
 Behavioral\_Elements.Activity\_Graphs.SubactivityState  
 Behavioral\_Elements.Activity\_Graphs.ActionState  
 WarehouseOperation.Measurement  
 Behavioral\_Elements.Use\_Cases.Include  
 Behavioral\_Elements.Use\_Cases.UseCase  
 Relational.Table  
 Behavioral\_Elements.Collaborations.Interaction  
 Behavioral\_Elements.Common\_Behavior.CallAction  
 Behavioral\_Elements.Common\_Behavior.LinkObject  
 Olap.ValueBasedHierarchy  
 WarehouseDeployment.Site  
 Relational.View  
 Olap.CodedLevel  
 WarehouseProcess.Events.CustomCalendar  
 WarehouseProcess.Events.ExternalEvent  
 WarehouseProcess.Events.IntervalEvent  
 WarehouseProcess.Events.ScheduleEvent  
 WarehouseProcess.Events.WarehouseEvent  
 RecordOriented.FixedOffsetField  
 Behavioral\_Elements.Collaborations.Collaboration  
 Behavioral\_Elements.Common\_Behavior.CreateAction  
 Behavioral\_Elements.Common\_Behavior.NodeInstance  
 Behavioral\_Elements.Common\_Behavior.ReturnAction  
 Olap.CubeDimensionAssociation  
 Olap.DimensionMap  
 Olap.HierarchyMap  
 Transformation.PrecedenceConstrainedBy  
 Transformation.TransformationActivity  
 Transformation.AttributeMap  
 XML.Content  
 Olap.LevelBasedHierarchy  
 Olap.Dimension  
 Olap.Cube  
 Relational.SQLStructuredType  
 Olap.LevelMap  
 WarehouseDeployment.DataProvider  
 WarehouseDeployment.DataResource  
 Olap.Schema  
 WarehouseDeployment.Machine  
 WarehouseOperation.ChangeRequest  
 Foundation.Extension\_Mechanisms.Stereotype  
 WarehouseOperation.StepExecution  
 WarehouseProcess.Events.PointInTimeEvent  
 WarehouseProcess.Events.CustomCalendarEvent  
 Foundation.Core.DataType  
 MDDB.Schema  
 Foundation.Core.ModelElement  
 Foundation.Core.Relationship  
 Foundation.Core.Generalization  
 Foundation.Core.AssociationEnd  
 Behavioral\_Elements.Activity\_Graphs.CallState  
 Behavioral\_Elements.Activity\_Graphs.Partition  
 Behavioral\_Elements.Collaborations.Message  
 Behavioral\_Elements.Common\_Behavior.LinkEnd  
 Behavioral\_Elements.Common\_Behavior.DataValue  
 Behavioral\_Elements.Common\_Behavior.Signal  
 Behavioral\_Elements.Common\_Behavior.Object  
 Behavioral\_Elements.Common\_Behavior.Argument  
 Behavioral\_Elements.Common\_Behavior.Action  
 Behavioral\_Elements.Common\_Behavior.Exception  
 Behavioral\_Elements.Common\_Behavior.Stimulus  
 Foundation.Core.BehavioralFeature

```

Behavioral_Elements.State_Machines.CallEvent
Behavioral_Elements.State_Machines.FinalState
Behavioral_Elements.State_Machines.SynchState
Behavioral_Elements.State_Machines.StubState
Behavioral_Elements.State_Machines.Transition
Behavioral_Elements.State_Machines.TimeEvent
Behavioral_Elements.Use_Cases.ExtensionPoint
Behavioral_Elements.Use_Cases.UseCaseInstance
Foundation.Core.GeneralizableElement
Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema
Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation)*>

<!ENTITY % Foundation.Core.FlowProperties ‘(%Foundation.Core.RelationshipProperties;)’ >
<!ENTITY % Foundation.Core.FlowAssociations ‘(%Foundation.Core.RelationshipAssociations;
,Foundation.Core.Flow.target*
,Foundation.Core.Flow.source*)’ >
<!ENTITY % Foundation.Core.FlowCompositions ‘(%Foundation.Core.RelationshipCompositions;)’ >
<!ELEMENT Foundation.Core.Flow ( %Foundation.Core.FlowProperties;
,(XMI.extension* , %Foundation.Core.FlowAssociations; )
, %Foundation.Core.FlowCompositions; )?>
<!ATTLIST Foundation.Core.Flow %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Core.ElementResidence -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Core.ElementResidence.visibility EMPTY>
<!ATTLIST Foundation.Core.ElementResidence.visibility %Foundation.Data_Types.VisibilityKind;>
<!ELEMENT Foundation.Core.ElementResidence.resident (Transformation.TransformationMap
|Transformation.TransformationTree
|Transformation.TransformationTask
|Transformation.TransformationStep
|XML.ElementType
|WarehouseProcess.WarehouseProcess
|WarehouseProcess.Events.CascadeEvent
|WarehouseProcess.Events.CalendarDate
|WarehouseProcess.Events.RetryEvent
|Foundation.Core.Binding
|Foundation.Core.Comment
|Foundation.Core.Feature

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WarehouseDeployment.DeployedComponent
MDDb.Dimension
WarehouseDeployment.ProviderConnection
XML.Attribute
CWMFoundation.Telephone
CWMFoundation.TypeAlias
CWMFoundation.UniqueKey
CWMFoundation.Document
CWMFoundation.EmailID
CWMFoundation.Location
Model_Management.Model
Foundation.Core.Class
Foundation.Core.Method
Foundation.Core.Usage
XML.MixedContent
Model_Management.Package
RecordOriented.RecordFile
WarehouseProcess.Events.RecurringPointInTimeEvent
Transformation.ClassMap
CWMFoundation.Description
CWMFoundation.FeatureNode
CWMFoundation.ElementNode
CWMFoundation.Enumeration
CWMFoundation.UnionMember
CWMFoundation.ContactInfo
CWMFoundation.ConstantNode
Relational.SQLDistinctType
Relational.SQLIndexColumn
Foundation.Core.Flow
Foundation.Core.Node
Relational.UniqueConstraint
WarehouseDeployment.SoftwareSystem
MDDb.DimensionedObject
CWMFoundation.EnumerationLiteral
Olap.Hierarchy
Olap.MemberSelection
RecordOriented.FieldValueCondition
Relational.SQLDataType
XML.ElementContent
RecordOriented.Record
Relational.SQLIndex
Relational.SQLQuery
Relational.BaseTable
Relational.ColumnSet
Relational.Procedure
Relational.ForeignKey
Behavioral_Elements.Common_Behavior.Link
Behavioral_Elements.State_Machines.Event
Behavioral_Elements.State_Machines.Guard
Behavioral_Elements.State_Machines.State
Transformation.DataObjectSet
Olap.Measure
Relational.SQLSimpleType
WarehouseOperation.ActivityExecution
Transformation.Transformation
Model_Management.Subsystem
Foundation.Core.Classifier
Foundation.Core.Operation
Foundation.Core.Component
Foundation.Core.Namespace
Foundation.Core.Constraint
Foundation.Core.Dependency
Foundation.Core.Parameter
Foundation.Core.Permission
Foundation.Core.Abstraction
Foundation.Core.Association
Foundation.Core.Attribute

```

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```

Foundation.Core.Interface
CWMFoundation.DataTypeMapping
Foundation.Core.AssociationClass
CWMFoundation.KeyRelationship
CWMFoundation.ResponsibleParty
XML.Schema
CWMFoundation.IndexedFeature
CWMFoundation.ExpressionNode
RecordOriented.Field
RecordOriented.Group
Behavioral_Elements.Collaborations.ClassifierRole
Behavioral_Elements.Collaborations.AssociationEndRole
Behavioral_Elements.Collaborations.AssociationRole
Behavioral_Elements.State_Machines.CompositeState
Behavioral_Elements.State_Machines.SubmachineState
Behavioral_Elements.Common_Behavior.ActionSequence
Behavioral_Elements.Common_Behavior.AttributeLink
Behavioral_Elements.Common_Behavior.ComponentInstance
Behavioral_Elements.Common_Behavior.DestroyAction
Behavioral_Elements.Common_Behavior.TerminateAction
Behavioral_Elements.Activity_Graphs.ActivityGraph
Behavioral_Elements.Activity_Graphs.ClassifierInState
Behavioral_Elements.Activity_Graphs.ObjectFlowState
Behavioral_Elements.Activity_Graphs.SubactivityState
Behavioral_Elements.Activity_Graphs.ActionState
WarehouseOperation.Measurement
Behavioral_Elements.Use_Cases.Include
Behavioral_Elements.Use_Cases.UseCase
Relational.Table
Behavioral_Elements.Collaborations.Interaction
Behavioral_Elements.Common_Behavior.CallAction
Behavioral_Elements.Common_Behavior.LinkObject
Olap.ValueBasedHierarchy
WarehouseDeployment.Site
Relational.View
Olap.CodedLevel
WarehouseProcess.Events.CustomCalendar
WarehouseProcess.Events.ExternalEvent
WarehouseProcess.Events.IntervalEvent
WarehouseProcess.Events.ScheduleEvent
WarehouseProcess.Events.WarehouseEvent
RecordOriented.FixedOffsetField
Behavioral_Elements.Collaborations.Collaboration
Behavioral_Elements.Common_Behavior.CreateAction
Behavioral_Elements.Common_Behavior.NodeInstance
Behavioral_Elements.Common_Behavior.ReturnAction
Olap.CubeDimensionAssociation
Olap.DimensionMap
Olap.HierarchyMap
Transformation.PrecedenceConstrainedBy
Transformation.TransformationActivity
Transformation.AttributeMap
XML.Content
Olap.LevelBasedHierarchy
Olap.Dimension
Olap.Cube
Relational.SQLStructuredType
Olap.LevelMap
WarehouseDeployment.DataProvider
WarehouseDeployment.DataResource
Olap.Schema
WarehouseDeployment.Machine
WarehouseOperation.ChangeRequest
Foundation.Extension_Mechanisms.Stereotype
WarehouseOperation.StepExecution
WarehouseProcess.Events.PointInTimeEvent
WarehouseProcess.Events.CustomCalendarEvent

```

```

Foundation.Core.DataType
Mddb.Schema
Foundation.Core.ModelElement
Foundation.Core.Relationship
Foundation.Core.Generalization
Foundation.Core.AssociationEnd
Behavioral_Elements.Activity_Graphs.CallState
Behavioral_Elements.Activity_Graphs.Partition
Behavioral_Elements.Collaborations.Message
Behavioral_Elements.Common_Behavior.LinkEnd
Behavioral_Elements.Common_Behavior.DataValue
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Object
Behavioral_Elements.Common_Behavior.Argument
Behavioral_Elements.Common_Behavior.Action
Behavioral_Elements.Common_Behavior.Exception
Behavioral_Elements.Common_Behavior.Stimulus
Foundation.Core.BehavioralFeature
Behavioral_Elements.State_Machines.CallEvent
Behavioral_Elements.State_Machines.FinalState
Behavioral_Elements.State_Machines.SynchState
Behavioral_Elements.State_Machines.StubState
Behavioral_Elements.State_Machines.Transition
Behavioral_Elements.State_Machines.TimeEvent
Behavioral_Elements.Use_Cases.ExtensionPoint
Behavioral_Elements.Use_Cases.UseCaseInstance
Foundation.Core.GeneralizableElement
Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema
Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation) >

<!ELEMENT Foundation.Core.ElementResidence.implementationLocation
      (Transformation.TransformationTask
      |Foundation.Core.Component) >

<!ENTITY % Foundation.Core.ElementResidenceProperties
      '(Foundation.Core.ElementResidence.visibility )' >

<!ENTITY % Foundation.Core.ElementResidenceAssociations
      '(Foundation.Core.ElementResidence.resident
      ,Foundation.Core.ElementResidence.implementationLocation?)' >

<!ELEMENT Foundation.Core.ElementResidence ( %Foundation.Core.ElementResidenceProperties;
      ,(XMI.extension* , %Foundation.Core.ElementResidenceAssociations; ) )?>

<!ATTLIST Foundation.Core.ElementResidence %XMI.element.att; %XMI.link.att; >

<!-- _____ -->

```

```

<!--                                     -->
<!-- CLASS: Foundation.Core.TemplateParameter -->
<!--                                     -->
<!--                                     -->
<!--                                     -->

<!ELEMENT Foundation.Core.TemplateParameter.defaultElement (Transformation.TransformationMap
Transformation.TransformationTree
Transformation.TransformationTask
Transformation.TransformationStep
XML.ElementType
WarehouseProcess.WarehouseProcess
WarehouseProcess.Events.CascadeEvent
WarehouseProcess.Events.CalendarDate
WarehouseProcess.Events.RetryEvent
Foundation.Core.Binding
Foundation.Core.Comment
Foundation.Core.Feature
WarehouseDeployment.DeployedComponent
MDDB.Dimension
WarehouseDeployment.ProviderConnection
XML.Attribute
CWMFoundation.Telephone
CWMFoundation.TypeAlias
CWMFoundation.UniqueKey
CWMFoundation.Document
CWMFoundation.EMailID
CWMFoundation.Location
Model_Management.Model
Foundation.Core.Class
Foundation.Core.Method
Foundation.Core.Usage
XML.MixedContent
Model_Management.Package
RecordOriented.RecordFile
WarehouseProcess.Events.RecurringPointInTimeEvent
Transformation.ClassMap
CWMFoundation.Description
CWMFoundation.FeatureNode
CWMFoundation.ElementNode
CWMFoundation.Enumeration
CWMFoundation.UnionMember
CWMFoundation.ContactInfo
CWMFoundation.ConstantNode
Relational.SQLDistinctType
Relational.SQLIndexColumn
Foundation.Core.Flow
Foundation.Core.Node
Relational.UniqueConstraint
WarehouseDeployment.SoftwareSystem
MDDB.DimensionedObject
CWMFoundation.EnumerationLiteral
Olap.Hierarchy
Olap.MemberSelection
RecordOriented.FieldValueCondition
Relational.SQLDataType
XML.ElementContent
RecordOriented.Record
Relational.SQLIndex
Relational.SQLQuery
Relational.BaseTable
Relational.ColumnSet
Relational.Procedure
Relational.ForeignKey
Behavioral_Elements.Common_Behavior.Link
Behavioral_Elements.State_Machines.Event
Behavioral_Elements.State_Machines.Guard
Behavioral_Elements.State_Machines.State

```

Transformation.DataObjectSet  
 Olap.Measure  
 Relational.SQLSimpleType  
 WarehouseOperation.ActivityExecution  
 Transformation.Transformation  
 Model\_Management.Subsystem  
 Foundation.Core.Classifier  
 Foundation.Core.Operation  
 Foundation.Core.Component  
 Foundation.Core.Namespace  
 Foundation.Core.Constraint  
 Foundation.Core.Dependency  
 Foundation.Core.Parameter  
 Foundation.Core.Permission  
 Foundation.Core.Abstraction  
 Foundation.Core.Association  
 Foundation.Core.Attribute  
 Foundation.Core.Interface  
 CWMFoundation.DataTypeMapping  
 Foundation.Core.AssociationClass  
 CWMFoundation.KeyRelationship  
 CWMFoundation.ResponsibleParty  
 XML.Schema  
 CWMFoundation.IndexedFeature  
 CWMFoundation.ExpressionNode  
 RecordOriented.Field  
 RecordOriented.Group  
 Behavioral\_Elements.Collaborations.ClassifierRole  
 Behavioral\_Elements.Collaborations.AssociationEndRole  
 Behavioral\_Elements.Collaborations.AssociationRole  
 Behavioral\_Elements.State\_Machines.CompositeState  
 Behavioral\_Elements.State\_Machines.SubmachineState  
 Behavioral\_Elements.Common\_Behavior.ActionSequence  
 Behavioral\_Elements.Common\_Behavior.AttributeLink  
 Behavioral\_Elements.Common\_Behavior.ComponentInstance  
 Behavioral\_Elements.Common\_Behavior.DestroyAction  
 Behavioral\_Elements.Common\_Behavior.TerminateAction  
 Behavioral\_Elements.Activity\_Graphs.ActivityGraph  
 Behavioral\_Elements.Activity\_Graphs.ClassifierInState  
 Behavioral\_Elements.Activity\_Graphs.ObjectFlowState  
 Behavioral\_Elements.Activity\_Graphs.SubactivityState  
 Behavioral\_Elements.Activity\_Graphs.ActionState  
 WarehouseOperation.Measurement  
 Behavioral\_Elements.Use\_Cases.Include  
 Behavioral\_Elements.Use\_Cases.UseCase  
 Relational.Table  
 Behavioral\_Elements.Collaborations.Interaction  
 Behavioral\_Elements.Common\_Behavior.CallAction  
 Behavioral\_Elements.Common\_Behavior.LinkObject  
 Olap.ValueBasedHierarchy  
 WarehouseDeployment.Site  
 Relational.View  
 Olap.CodedLevel  
 WarehouseProcess.Events.CustomCalendar  
 WarehouseProcess.Events.ExternalEvent  
 WarehouseProcess.Events.IntervalEvent  
 WarehouseProcess.Events.ScheduleEvent  
 WarehouseProcess.Events.WarehouseEvent  
 RecordOriented.FixedOffsetField  
 Behavioral\_Elements.Collaborations.Collaboration  
 Behavioral\_Elements.Common\_Behavior.CreateAction  
 Behavioral\_Elements.Common\_Behavior.NodeInstance  
 Behavioral\_Elements.Common\_Behavior.ReturnAction  
 Olap.CubeDimensionAssociation  
 Olap.DimensionMap  
 Olap.HierarchyMap  
 Transformation.PrecedenceConstrainedBy

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```

Transformation.TransformationActivity
Transformation.AttributeMap
XML.Content
Olap.LevelBasedHierarchy
Olap.Dimension
Olap.Cube
Relational.SQLStructuredType
Olap.LevelMap
WarehouseDeployment.DataProvider
WarehouseDeployment.DataResource
Olap.Schema
WarehouseDeployment.Machine
WarehouseOperation.ChangeRequest
Foundation.Extension_Mechanisms.Stereotype
WarehouseOperation.StepExecution
WarehouseProcess.Events.PointInTimeEvent
WarehouseProcess.Events.CustomCalendarEvent
Foundation.Core.DataType
MDDB.Schema
Foundation.Core.ModelElement
Foundation.Core.Relationship
Foundation.Core.Generalization
Foundation.Core.AssociationEnd
Behavioral_Elements.Activity_Graphs.CallState
Behavioral_Elements.Activity_Graphs.Partition
Behavioral_Elements.Collaborations.Message
Behavioral_Elements.Common_Behavior.LinkEnd
Behavioral_Elements.Common_Behavior.DataValue
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Object
Behavioral_Elements.Common_Behavior.Argument
Behavioral_Elements.Common_Behavior.Action
Behavioral_Elements.Common_Behavior.Exception
Behavioral_Elements.Common_Behavior.Stimulus
Foundation.Core.BehavioralFeature
Behavioral_Elements.State_Machines.CallEvent
Behavioral_Elements.State_Machines.FinalState
Behavioral_Elements.State_Machines.SynchState
Behavioral_Elements.State_Machines.StubState
Behavioral_Elements.State_Machines.Transition
Behavioral_Elements.State_Machines.TimeEvent
Behavioral_Elements.Use_Cases.ExtensionPoint
Behavioral_Elements.Use_Cases.UseCaseInstance
Foundation.Core.GeneralizableElement
Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema
Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation)?>

```

```
<!ELEMENT Foundation.Core.TemplateParameter.modelElement (Transformation.TransformationMap
```

Transformation.TransformationTree  
 Transformation.TransformationTask  
 Transformation.TransformationStep  
 XML.ElementType  
 WarehouseProcess.WarehouseProcess  
 WarehouseProcess.Events.CascadeEvent  
 WarehouseProcess.Events.CalendarDate  
 WarehouseProcess.Events.RetryEvent  
 Foundation.Core.Binding  
 Foundation.Core.Comment  
 Foundation.Core.Feature  
 WarehouseDeployment.DeployedComponent  
 MDDB.Dimension  
 WarehouseDeployment.ProviderConnection  
 XML.Attribute  
 CWMFoundation.Telephone  
 CWMFoundation.TypeAlias  
 CWMFoundation.UniqueKey  
 CWMFoundation.Document  
 CWMFoundation.EMailID  
 CWMFoundation.Location  
 Model\_Management.Model  
 Foundation.Core.Class  
 Foundation.Core.Method  
 Foundation.Core.Usage  
 XML.MixedContent  
 Model\_Management.Package  
 RecordOriented.RecordFile  
 WarehouseProcess.Events.RecurringPointInTimeEvent  
 Transformation.ClassMap  
 CWMFoundation.Description  
 CWMFoundation.FeatureNode  
 CWMFoundation.ElementNode  
 CWMFoundation.Enumeration  
 CWMFoundation.UnionMember  
 CWMFoundation.ContactInfo  
 CWMFoundation.ConstantNode  
 Relational.SQLDistinctType  
 Relational.SQLIndexColumn  
 Foundation.Core.Flow  
 Foundation.Core.Node  
 Relational.UniqueConstraint  
 WarehouseDeployment.SoftwareSystem  
 MDDB.DimensionedObject  
 CWMFoundation.EnumerationLiteral  
 Olap.Hierarchy  
 Olap.MemberSelection  
 RecordOriented.FieldValueCondition  
 Relational.SQLDataType  
 XML.ElementContent  
 RecordOriented.Record  
 Relational.SQLIndex  
 Relational.SQLQuery  
 Relational.BaseTable  
 Relational.ColumnSet  
 Relational.Procedure  
 Relational.ForeignKey  
 Behavioral\_Elements.Common\_Behavior.Link  
 Behavioral\_Elements.State\_Machines.Event  
 Behavioral\_Elements.State\_Machines.Guard  
 Behavioral\_Elements.State\_Machines.State  
 Transformation.DataObjectSet  
 Olap.Measure  
 Relational.SQLSimpleType  
 WarehouseOperation.ActivityExecution  
 Transformation.Transformation  
 Model\_Management.Subsystem

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Foundation.Core.Classifier  
Foundation.Core.Operation  
Foundation.Core.Component  
Foundation.Core.Namespace  
Foundation.Core.Constraint  
Foundation.Core.Dependency  
Foundation.Core.Parameter  
Foundation.Core.Permission  
Foundation.Core.Abstraction  
Foundation.Core.Association  
Foundation.Core.Attribute  
Foundation.Core.Interface  
CWMFoundation.DataTypeMapping  
Foundation.Core.AssociationClass  
CWMFoundation.KeyRelationship  
CWMFoundation.ResponsibleParty  
XML.Schema  
CWMFoundation.IndexedFeature  
CWMFoundation.ExpressionNode  
RecordOriented.Field  
RecordOriented.Group  
Behavioral\_Elements.Collaborations.ClassifierRole  
Behavioral\_Elements.Collaborations.AssociationEndRole  
Behavioral\_Elements.Collaborations.AssociationRole  
Behavioral\_Elements.State\_Machines.CompositeState  
Behavioral\_Elements.State\_Machines.SubmachineState  
Behavioral\_Elements.Common\_Behavior.ActionSequence  
Behavioral\_Elements.Common\_Behavior.AttributeLink  
Behavioral\_Elements.Common\_Behavior.ComponentInstance  
Behavioral\_Elements.Common\_Behavior.DestroyAction  
Behavioral\_Elements.Common\_Behavior.TerminateAction  
Behavioral\_Elements.Activity\_Graphs.ActivityGraph  
Behavioral\_Elements.Activity\_Graphs.ClassifierInState  
Behavioral\_Elements.Activity\_Graphs.ObjectFlowState  
Behavioral\_Elements.Activity\_Graphs.SubactivityState  
Behavioral\_Elements.Activity\_Graphs.ActionState  
WarehouseOperation.Measurement  
Behavioral\_Elements.Use\_Cases.Include  
Behavioral\_Elements.Use\_Cases.UseCase  
Relational.Table  
Behavioral\_Elements.Collaborations.Interaction  
Behavioral\_Elements.Common\_Behavior.CallAction  
Behavioral\_Elements.Common\_Behavior.LinkObject  
Olap.ValueBasedHierarchy  
WarehouseDeployment.Site  
Relational.View  
Olap.CodedLevel  
WarehouseProcess.Events.CustomCalendar  
WarehouseProcess.Events.ExternalEvent  
WarehouseProcess.Events.IntervalEvent  
WarehouseProcess.Events.ScheduleEvent  
WarehouseProcess.Events.WarehouseEvent  
RecordOriented.FixedOffsetField  
Behavioral\_Elements.Collaborations.Collaboration  
Behavioral\_Elements.Common\_Behavior.CreateAction  
Behavioral\_Elements.Common\_Behavior.NodeInstance  
Behavioral\_Elements.Common\_Behavior.ReturnAction  
Olap.CubeDimensionAssociation  
Olap.DimensionMap  
Olap.HierarchyMap  
Transformation.PrecedenceConstrainedBy  
Transformation.TransformationActivity  
Transformation.AttributeMap  
XML.Content  
Olap.LevelBasedHierarchy  
Olap.Dimension  
Olap.Cube

```

Relational.SQLStructuredType
Olap.LevelMap
WarehouseDeployment.DataProvider
WarehouseDeployment.DataResource
Olap.Schema
WarehouseDeployment.Machine
WarehouseOperation.ChangeRequest
Foundation.Extension_Mechanisms.Stereotype
WarehouseOperation.StepExecution
WarehouseProcess.Events.PointInTimeEvent
WarehouseProcess.Events.CustomCalendarEvent
Foundation.Core.DataType
MDDB.Schema
Foundation.Core.ModelElement
Foundation.Core.Relationship
Foundation.Core.Generalization
Foundation.Core.AssociationEnd
Behavioral_Elements.Activity_Graphs.CallState
Behavioral_Elements.Activity_Graphs.Partition
Behavioral_Elements.Collaborations.Message
Behavioral_Elements.Common_Behavior.LinkEnd
Behavioral_Elements.Common_Behavior.DataValue
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Object
Behavioral_Elements.Common_Behavior.Argument
Behavioral_Elements.Common_Behavior.Action
Behavioral_Elements.Common_Behavior.Exception
Behavioral_Elements.Common_Behavior.Stimulus
Foundation.Core.BehavioralFeature
Behavioral_Elements.State_Machines.CallEvent
Behavioral_Elements.State_Machines.FinalState
Behavioral_Elements.State_Machines.SynchState
Behavioral_Elements.State_Machines.StubState
Behavioral_Elements.State_Machines.Transition
Behavioral_Elements.State_Machines.TimeEvent
Behavioral_Elements.Use_Cases.ExtensionPoint
Behavioral_Elements.Use_Cases.UseCaseInstance
Foundation.Core.GeneralizableElement
Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema
Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation)?>

```

```

<!ELEMENT Foundation.Core.TemplateParameter.modelElement2 (Transformation.TransformationMap
|Transformation.TransformationTree
|Transformation.TransformationTask
|Transformation.TransformationStep
|XML.ElementType
|WarehouseProcess.WarehouseProcess
|WarehouseProcess.Events.CascadeEvent

```

WarehouseProcess.Events.CalendarDate  
WarehouseProcess.Events.RetryEvent  
Foundation.Core.Binding  
Foundation.Core.Comment  
Foundation.Core.Feature  
WarehouseDeployment.DeployedComponent  
MDDB.Dimension  
WarehouseDeployment.ProviderConnection  
XML.Attribute  
CWMFoundation.Telephone  
CWMFoundation.TypeAlias  
CWMFoundation.UniqueKey  
CWMFoundation.Document  
CWMFoundation.EmailID  
CWMFoundation.Location  
Model\_Management.Model  
Foundation.Core.Class  
Foundation.Core.Method  
Foundation.Core.Usage  
XML.MixedContent  
Model\_Management.Package  
RecordOriented.RecordFile  
WarehouseProcess.Events.RecurringPointInTimeEvent  
Transformation.ClassMap  
CWMFoundation.Description  
CWMFoundation.FeatureNode  
CWMFoundation.ElementNode  
CWMFoundation.Enumeration  
CWMFoundation.UnionMember  
CWMFoundation.ContactInfo  
CWMFoundation.ConstantNode  
Relational.SQLDistinctType  
Relational.SQLIndexColumn  
Foundation.Core.Flow  
Foundation.Core.Node  
Relational.UniqueConstraint  
WarehouseDeployment.SoftwareSystem  
MDDB.DimensionedObject  
CWMFoundation.EnumerationLiteral  
Olap.Hierarchy  
Olap.MemberSelection  
RecordOriented.FieldValueCondition  
Relational.SQLDataType  
XML.ElementContent  
RecordOriented.Record  
Relational.SQLIndex  
Relational.SQLQuery  
Relational.BaseTable  
Relational.ColumnSet  
Relational.Procedure  
Relational.ForeignKey  
Behavioral\_Elements.Common\_Behavior.Link  
Behavioral\_Elements.State\_Machines.Event  
Behavioral\_Elements.State\_Machines.Guard  
Behavioral\_Elements.State\_Machines.State  
Transformation.DataObjectSet  
Olap.Measure  
Relational.SQLSimpleType  
WarehouseOperation.ActivityExecution  
Transformation.Transformation  
Model\_Management.Subsystem  
Foundation.Core.Classifier  
Foundation.Core.Operation  
Foundation.Core.Component  
Foundation.Core.Namespace  
Foundation.Core.Constraint  
Foundation.Core.Dependency

```

Foundation.Core.Parameter
Foundation.Core.Permission
Foundation.Core.Abstraction
Foundation.Core.Association
Foundation.Core.Attribute
Foundation.Core.Interface
CWMFoundation.DataTypeMapping
Foundation.Core.AssociationClass
CWMFoundation.KeyRelationship
CWMFoundation.ResponsibleParty
XML.Schema
CWMFoundation.IndexedFeature
CWMFoundation.ExpressionNode
RecordOriented.Field
RecordOriented.Group
Behavioral_Elements.Collaborations.ClassifierRole
Behavioral_Elements.Collaborations.AssociationEndRole
Behavioral_Elements.Collaborations.AssociationRole
Behavioral_Elements.State_Machines.CompositeState
Behavioral_Elements.State_Machines.SubmachineState
Behavioral_Elements.Common_Behavior.ActionSequence
Behavioral_Elements.Common_Behavior.AttributeLink
Behavioral_Elements.Common_Behavior.ComponentInstance
Behavioral_Elements.Common_Behavior.DestroyAction
Behavioral_Elements.Common_Behavior.TerminateAction
Behavioral_Elements.Activity_Graphs.ActivityGraph
Behavioral_Elements.Activity_Graphs.ClassifierInState
Behavioral_Elements.Activity_Graphs.ObjectFlowState
Behavioral_Elements.Activity_Graphs.SubactivityState
Behavioral_Elements.Activity_Graphs.ActionState
WarehouseOperation.Measurement
Behavioral_Elements.Use_Cases.Include
Behavioral_Elements.Use_Cases.UseCase
Relational.Table
Behavioral_Elements.Collaborations.Interaction
Behavioral_Elements.Common_Behavior.CallAction
Behavioral_Elements.Common_Behavior.LinkObject
Olap.ValueBasedHierarchy
WarehouseDeployment.Site
Relational.View
Olap.CodedLevel
WarehouseProcess.Events.CustomCalendar
WarehouseProcess.Events.ExternalEvent
WarehouseProcess.Events.IntervalEvent
WarehouseProcess.Events.ScheduleEvent
WarehouseProcess.Events.WarehouseEvent
RecordOriented.FixedOffsetField
Behavioral_Elements.Collaborations.Collaboration
Behavioral_Elements.Common_Behavior.CreateAction
Behavioral_Elements.Common_Behavior.NodeInstance
Behavioral_Elements.Common_Behavior.ReturnAction
Olap.CubeDimensionAssociation
Olap.DimensionMap
Olap.HierarchyMap
Transformation.PrecedenceConstrainedBy
Transformation.TransformationActivity
Transformation.AttributeMap
XML.Content
Olap.LevelBasedHierarchy
Olap.Dimension
Olap.Cube
Relational.SQLStructuredType
Olap.LevelMap
WarehouseDeployment.DataProvider
WarehouseDeployment.DataResource
Olap.Schema
WarehouseDeployment.Machine

```

```

WarehouseOperation.ChangeRequest
Foundation.Extension_Mechanisms.Stereotype
WarehouseOperation.StepExecution
WarehouseProcess.Events.PointInTimeEvent
WarehouseProcess.Events.CustomCalendarEvent
Foundation.Core.DataType
MDDB.Schema
Foundation.Core.ModelElement
Foundation.Core.Relationship
Foundation.Core.Generalization
Foundation.Core.AssociationEnd
Behavioral_Elements.Activity_Graphs.CallState
Behavioral_Elements.Activity_Graphs.Partition
Behavioral_Elements.Collaborations.Message
Behavioral_Elements.Common_Behavior.LinkEnd
Behavioral_Elements.Common_Behavior.DataValue
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Object
Behavioral_Elements.Common_Behavior.Argument
Behavioral_Elements.Common_Behavior.Action
Behavioral_Elements.Common_Behavior.Exception
Behavioral_Elements.Common_Behavior.Stimulus
Foundation.Core.BehavioralFeature
Behavioral_Elements.State_Machines.CallEvent
Behavioral_Elements.State_Machines.FinalState
Behavioral_Elements.State_Machines.SynchState
Behavioral_Elements.State_Machines.StubState
Behavioral_Elements.State_Machines.Transition
Behavioral_Elements.State_Machines.TimeEvent
Behavioral_Elements.Use_Cases.ExtensionPoint
Behavioral_Elements.Use_Cases.UseCaseInstance
Foundation.Core.GeneralizableElement
Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema
Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation) >

<!ENTITY % Foundation.Core.TemplateParameterAssociations
        '(Foundation.Core.TemplateParameter.defaultElement?
        ,Foundation.Core.TemplateParameter.modelElement?
        ,Foundation.Core.TemplateParameter.modelElement2 )' >

<!ELEMENT Foundation.Core.TemplateParameter ((XMI.extension* ,
        %Foundation.Core.TemplateParameterAssociations; ) )?>

<!ATTLIST Foundation.Core.TemplateParameter %XMI.element.att; %XMI.link.att; >

<!ELEMENT Foundation.Core ((Foundation.Core.Classifier
        |Foundation.Core.Class
        |Foundation.Core.DataType

```

```

Foundation.Core.StructuralFeature
Foundation.Core.Namespace
Foundation.Core.AssociationEnd
Foundation.Core.Interface
Foundation.Core.Constraint
Foundation.Core.Association
Foundation.Core.Element
Foundation.Core.GeneralizableElement
Foundation.Core.Attribute
Foundation.Core.Operation
Foundation.Core.Parameter
Foundation.Core.Method
Foundation.Core.Generalization
Foundation.Core.AssociationClass
Foundation.Core.Feature
Foundation.Core.BehavioralFeature
Foundation.Core.ModelElement
Foundation.Core.Dependency
Foundation.Core.Abstraction
Foundation.Core.PresentationElement
Foundation.Core.Usage
Foundation.Core.Binding
Foundation.Core.Component
Foundation.Core.Node
Foundation.Core.Permission
Foundation.Core.Comment
Foundation.Core.Flow
Foundation.Core.Relationship
Foundation.Core.ElementResidence
Foundation.Core.TemplateParameter)*>
<!-- ATTLIST Foundation.Core %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- PACKAGE: Foundation.Data_Types -->
<!-- _____ -->
<!-- _____ -->

<!-- ***** Foundation.Data_Types.A_multiplicity_range ***** -->
<!-- ELEMENT Foundation.Data_Types.Multiplicity.range (
Foundation.Data_Types.MultiplicityRange)+ >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Data_Types.Multiplicity -->
<!-- _____ -->
<!-- _____ -->

<!-- ENTITY % Foundation.Data_Types.MultiplicityCompositions
'(Foundation.Data_Types.Multiplicity.range+)' >

<!-- ELEMENT Foundation.Data_Types.Multiplicity ((XMI.extension* )
, %Foundation.Data_Types.MultiplicityCompositions; )?>

<!-- ATTLIST Foundation.Data_Types.Multiplicity %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Data_Types.Expression -->
<!-- _____ -->
<!-- _____ -->

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```

<!ELEMENT Foundation.Data_Types.Expression.language (#PCDATA|XMI.reference)*>
<!ELEMENT Foundation.Data_Types.Expression.body (#PCDATA|XMI.reference)*>
<!ENTITY % Foundation.Data_Types.ExpressionProperties
    '(Foundation.Data_Types.Expression.language
    ,Foundation.Data_Types.Expression.body )' >
<!ELEMENT Foundation.Data_Types.Expression ( %Foundation.Data_Types.ExpressionProperties;
    ,(XMI.extension* ) )?>
<!ATTLIST Foundation.Data_Types.Expression %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Data_Types.ObjectSetExpression -->
<!-- _____ -->
<!-- _____ -->
<!ENTITY % Foundation.Data_Types.ObjectSetExpressionProperties
    '(%Foundation.Data_Types.ExpressionProperties;)' >
<!ELEMENT Foundation.Data_Types.ObjectSetExpression (
    %Foundation.Data_Types.ObjectSetExpressionProperties;
    ,(XMI.extension* ) )?>
<!ATTLIST Foundation.Data_Types.ObjectSetExpression %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Data_Types.TimeExpression -->
<!-- _____ -->
<!-- _____ -->
<!ENTITY % Foundation.Data_Types.TimeExpressionProperties
    '(%Foundation.Data_Types.ExpressionProperties;)' >
<!ELEMENT Foundation.Data_Types.TimeExpression (
    %Foundation.Data_Types.TimeExpressionProperties;
    ,(XMI.extension* ) )?>
<!ATTLIST Foundation.Data_Types.TimeExpression %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Data_Types.BooleanExpression -->
<!-- _____ -->
<!-- _____ -->
<!ENTITY % Foundation.Data_Types.BooleanExpressionProperties
    '(%Foundation.Data_Types.ExpressionProperties;)' >
<!ELEMENT Foundation.Data_Types.BooleanExpression (
    %Foundation.Data_Types.BooleanExpressionProperties;
    ,(XMI.extension* ) )?>
<!ATTLIST Foundation.Data_Types.BooleanExpression %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Data_Types.ActionExpression -->
<!-- _____ -->

```

```
<!-- _____ -->
<!ENTITY % Foundation.Data_Types.ActionExpressionProperties
          '(%Foundation.Data_Types.ExpressionProperties;) ' >

<!ELEMENT Foundation.Data_Types.ActionExpression (
          %Foundation.Data_Types.ActionExpressionProperties;
          ,(XMI.extension* ) )?>

<ATTLIST Foundation.Data_Types.ActionExpression %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Data_Types.MultiplicityRange -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Data_Types.MultiplicityRange.lower (#PCDATA|XMI.reference)*>
<!ELEMENT Foundation.Data_Types.MultiplicityRange.upper (#PCDATA|XMI.reference)*>
<!ELEMENT Foundation.Data_Types.MultiplicityRange.multiplicity
          (Foundation.Data_Types.Multiplicity) >

<!ENTITY % Foundation.Data_Types.MultiplicityRangeProperties
          '(Foundation.Data_Types.MultiplicityRange.lower
           ,Foundation.Data_Types.MultiplicityRange.upper )' >

<!ENTITY % Foundation.Data_Types.MultiplicityRangeAssociations
          '(Foundation.Data_Types.MultiplicityRange.multiplicity?)' >

<!ELEMENT Foundation.Data_Types.MultiplicityRange (
          %Foundation.Data_Types.MultiplicityRangeProperties;
          ,(XMI.extension* , %Foundation.Data_Types.MultiplicityRangeAssociations; ) )?>

<ATTLIST Foundation.Data_Types.MultiplicityRange %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Data_Types.IterationExpression -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Foundation.Data_Types.IterationExpressionProperties
          '(%Foundation.Data_Types.ExpressionProperties;) ' >

<!ELEMENT Foundation.Data_Types.IterationExpression (
          %Foundation.Data_Types.IterationExpressionProperties;
          ,(XMI.extension* ) )?>

<ATTLIST Foundation.Data_Types.IterationExpression %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Data_Types.TypeExpression -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Foundation.Data_Types.TypeExpressionProperties
          '(%Foundation.Data_Types.ExpressionProperties;) ' >

<!ELEMENT Foundation.Data_Types.TypeExpression (
          %Foundation.Data_Types.TypeExpressionProperties;
          ,(XMI.extension* ) )?>
```

```

<!ATTLIST Foundation.Data_Types.TypeExpression %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Data_Types.ArgListsExpression -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Foundation.Data_Types.ArgListsExpressionProperties
        '(%Foundation.Data_Types.ExpressionProperties;)' >

<!ELEMENT Foundation.Data_Types.ArgListsExpression (
        %Foundation.Data_Types.ArgListsExpressionProperties;
        ,(XMI.extension* ) )?>

<!ATTLIST Foundation.Data_Types.ArgListsExpression %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Data_Types.MappingExpression -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Foundation.Data_Types.MappingExpressionProperties
        '(%Foundation.Data_Types.ExpressionProperties;)' >

<!ELEMENT Foundation.Data_Types.MappingExpression (
        %Foundation.Data_Types.MappingExpressionProperties;
        ,(XMI.extension* ) )?>

<!ATTLIST Foundation.Data_Types.MappingExpression %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Data_Types.ProcedureExpression -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Foundation.Data_Types.ProcedureExpressionProperties
        '(%Foundation.Data_Types.ExpressionProperties;)' >

<!ELEMENT Foundation.Data_Types.ProcedureExpression (
        %Foundation.Data_Types.ProcedureExpressionProperties;
        ,(XMI.extension* ) )?>

<!ATTLIST Foundation.Data_Types.ProcedureExpression %XMI.element.att; %XMI.link.att; >

<!ELEMENT Foundation.Data_Types ((Foundation.Data_Types.Multiplicity
|Foundation.Data_Types.ObjectSetExpression
|Foundation.Data_Types.TimeExpression
|Foundation.Data_Types.Expression
|Foundation.Data_Types.BooleanExpression
|Foundation.Data_Types.ActionExpression
|Foundation.Data_Types.MultiplicityRange
|Foundation.Data_Types.IterationExpression
|Foundation.Data_Types.TypeExpression
|Foundation.Data_Types.ArgListsExpression
|Foundation.Data_Types.MappingExpression
|Foundation.Data_Types.ProcedureExpression)*)>
<!ATTLIST Foundation.Data_Types %XMI.element.att; %XMI.link.att;>

```

```

<!-- _____ -->
<!-- _____ -->
<!-- PACKAGE: Foundation.Extension_Mechanisms -->
<!-- _____ -->
<!-- _____ -->

<!-- ***** Foundation.Extension_Mechanisms.A_requiredTag_stereotype ***** -->
<!ELEMENT Foundation.Extension_Mechanisms.Stereotype.requiredTag (
    Foundation.Extension_Mechanisms.TaggedValue)* >

<!-- ***** Foundation.Extension_Mechanisms.A_constrainedElement2_stereotypeConstraint ***** -->
<!ELEMENT Foundation.Extension_Mechanisms.Stereotype.stereotypeConstraint (
    Foundation.Core.Constraint)* >

<!-- ***** Foundation.Extension_Mechanisms.A_modelElement_taggedValue ***** -->
<!ELEMENT Foundation.Extension_Mechanisms.A_modelElement_taggedValue.taggedValue
    (XMI.reference)* >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Extension_Mechanisms.Stereotype -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Extension_Mechanisms.Stereotype.icon (#PCDATA|XMI.reference)*>
<!ELEMENT Foundation.Extension_Mechanisms.Stereotype.baseClass (#PCDATA|XMI.reference)*>
<!ELEMENT Foundation.Extension_Mechanisms.Stereotype.extendedElement
    (Transformation.TransformationMap
    Transformation.TransformationTree
    Transformation.TransformationTask
    Transformation.TransformationStep
    XML.ElementType
    WarehouseProcess.WarehouseProcess
    WarehouseProcess.Events.CascadeEvent
    WarehouseProcess.Events.CalendarDate
    WarehouseProcess.Events.RetryEvent
    Foundation.Core.Binding
    Foundation.Core.Comment
    Foundation.Core.Feature
    WarehouseDeployment.DeployedComponent
    MDDB.Dimension
    WarehouseDeployment.ProviderConnection
    XML.Attribute
    CWMFoundation.Telephone
    CWMFoundation.TypeAlias
    CWMFoundation.UniqueKey
    CWMFoundation.Document
    CWMFoundation.EMailID
    CWMFoundation.Location
    Model_Management.Model
    Foundation.Core.Class
    Foundation.Core.Method
    Foundation.Core.Usage
    XML.MixedContent
    Model_Management.Package
    RecordOriented.RecordFile
    WarehouseProcess.Events.RecurringPointInTimeEvent

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Transformation.ClassMap  
CWMFoundation.Description  
CWMFoundation.FeatureNode  
CWMFoundation.ElementNode  
CWMFoundation.Enumeration  
CWMFoundation.UnionMember  
CWMFoundation.ContactInfo  
CWMFoundation.ConstantNode  
Relational.SQLDistinctType  
Relational.SQLIndexColumn  
Foundation.Core.Flow  
Foundation.Core.Node  
Relational.UniqueConstraint  
WarehouseDeployment.SoftwareSystem  
MDDb.DimensionedObject  
CWMFoundation.EnumerationLiteral  
Olap.Hierarchy  
Olap.MemberSelection  
RecordOriented.FieldValueCondition  
Relational.SQLDataType  
XML.ElementContent  
RecordOriented.Record  
Relational.SQLIndex  
Relational.SQLQuery  
Relational.BaseTable  
Relational.ColumnSet  
Relational.Procedure  
Relational.ForeignKey  
Behavioral\_Elements.Common\_Behavior.Link  
Behavioral\_Elements.State\_Machines.Event  
Behavioral\_Elements.State\_Machines.Guard  
Behavioral\_Elements.State\_Machines.State  
Transformation.DataObjectSet  
Olap.Measure  
Relational.SQLSimpleType  
WarehouseOperation.ActivityExecution  
Transformation.Transformation  
Model\_Management.Subsystem  
Foundation.Core.Classifier  
Foundation.Core.Operation  
Foundation.Core.Component  
Foundation.Core.Namespace  
Foundation.Core.Constraint  
Foundation.Core.Dependency  
Foundation.Core.Parameter  
Foundation.Core.Permission  
Foundation.Core.Abstraction  
Foundation.Core.Association  
Foundation.Core.Attribute  
Foundation.Core.Interface  
CWMFoundation.DataTypeMapping  
Foundation.Core.AssociationClass  
CWMFoundation.KeyRelationship  
CWMFoundation.ResponsibleParty  
XML.Schema  
CWMFoundation.IndexedFeature  
CWMFoundation.ExpressionNode  
RecordOriented.Field  
RecordOriented.Group  
Behavioral\_Elements.Collaborations.ClassifierRole  
Behavioral\_Elements.Collaborations.AssociationEndRole  
Behavioral\_Elements.Collaborations.AssociationRole  
Behavioral\_Elements.State\_Machines.CompositeState  
Behavioral\_Elements.State\_Machines.SubmachineState  
Behavioral\_Elements.Common\_Behavior.ActionSequence  
Behavioral\_Elements.Common\_Behavior.AttributeLink  
Behavioral\_Elements.Common\_Behavior.ComponentInstance

Behavioral\_Elements.Common\_Behavior.DestroyAction  
 Behavioral\_Elements.Common\_Behavior.TerminateAction  
 Behavioral\_Elements.Activity\_Graphs.ActivityGraph  
 Behavioral\_Elements.Activity\_Graphs.ClassifierInState  
 Behavioral\_Elements.Activity\_Graphs.ObjectFlowState  
 Behavioral\_Elements.Activity\_Graphs.SubactivityState  
 Behavioral\_Elements.Activity\_Graphs.ActionState  
 WarehouseOperation.Measurement  
 Behavioral\_Elements.Use\_Cases.Include  
 Behavioral\_Elements.Use\_Cases.UseCase  
 Relational.Table  
 Behavioral\_Elements.Collaborations.Interaction  
 Behavioral\_Elements.Common\_Behavior.CallAction  
 Behavioral\_Elements.Common\_Behavior.LinkObject  
 Olap.ValueBasedHierarchy  
 WarehouseDeployment.Site  
 Relational.View  
 Olap.CodedLevel  
 WarehouseProcess.Events.CustomCalendar  
 WarehouseProcess.Events.ExternalEvent  
 WarehouseProcess.Events.IntervalEvent  
 WarehouseProcess.Events.ScheduleEvent  
 WarehouseProcess.Events.WarehouseEvent  
 RecordOriented.FixedOffsetField  
 Behavioral\_Elements.Collaborations.Collaboration  
 Behavioral\_Elements.Common\_Behavior.CreateAction  
 Behavioral\_Elements.Common\_Behavior.NodeInstance  
 Behavioral\_Elements.Common\_Behavior.ReturnAction  
 Olap.CubeDimensionAssociation  
 Olap.DimensionMap  
 Olap.HierarchyMap  
 Transformation.PrecedenceConstrainedBy  
 Transformation.TransformationActivity  
 Transformation.AttributeMap  
 XML.Content  
 Olap.LevelBasedHierarchy  
 Olap.Dimension  
 Olap.Cube  
 Relational.SQLStructuredType  
 Olap.LevelMap  
 WarehouseDeployment.DataProvider  
 WarehouseDeployment.DataResource  
 Olap.Schema  
 WarehouseDeployment.Machine  
 WarehouseOperation.ChangeRequest  
 Foundation.Extension\_Mechanisms.Stereotype  
 WarehouseOperation.StepExecution  
 WarehouseProcess.Events.PointInTimeEvent  
 WarehouseProcess.Events.CustomCalendarEvent  
 Foundation.Core.DataType  
 MDDB.Schema  
 Foundation.Core.ModelElement  
 Foundation.Core.Relationship  
 Foundation.Core.Generalization  
 Foundation.Core.AssociationEnd  
 Behavioral\_Elements.Activity\_Graphs.CallState  
 Behavioral\_Elements.Activity\_Graphs.Partition  
 Behavioral\_Elements.Collaborations.Message  
 Behavioral\_Elements.Common\_Behavior.LinkEnd  
 Behavioral\_Elements.Common\_Behavior.DataValue  
 Behavioral\_Elements.Common\_Behavior.Signal  
 Behavioral\_Elements.Common\_Behavior.Object  
 Behavioral\_Elements.Common\_Behavior.Argument  
 Behavioral\_Elements.Common\_Behavior.Action  
 Behavioral\_Elements.Common\_Behavior.Exception  
 Behavioral\_Elements.Common\_Behavior.Stimulus  
 Foundation.Core.BehavioralFeature

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Behavioral_Elements.State_Machines.CallEvent
Behavioral_Elements.State_Machines.FinalState
Behavioral_Elements.State_Machines.SynchState
Behavioral_Elements.State_Machines.StubState
Behavioral_Elements.State_Machines.Transition
Behavioral_Elements.State_Machines.TimeEvent
Behavioral_Elements.Use_Cases.ExtensionPoint
Behavioral_Elements.Use_Cases.UseCaseInstance
Foundation.Core.GeneralizableElement
Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema
Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation)*>

<!ENTITY % Foundation.Extension_Mechanisms.StereotypeProperties
    '(%Foundation.Core.GeneralizableElementProperties;
    ,Foundation.Extension_Mechanisms.Stereotype.icon
    ,Foundation.Extension_Mechanisms.Stereotype.baseClass )' >

<!ENTITY % Foundation.Extension_Mechanisms.StereotypeAssociations
    '(%Foundation.Core.GeneralizableElementAssociations;
    ,Foundation.Extension_Mechanisms.Stereotype.extendedElement*)' >

<!ENTITY % Foundation.Extension_Mechanisms.StereotypeCompositions
    '(%Foundation.Core.GeneralizableElementCompositions;
    ,Foundation.Extension_Mechanisms.Stereotype.requiredTag*
    ,Foundation.Extension_Mechanisms.Stereotype.stereotypeConstraint*)' >

<!ELEMENT Foundation.Extension_Mechanisms.Stereotype (
    %Foundation.Extension_Mechanisms.StereotypeProperties;
    ,(XMI.extension* , %Foundation.Extension_Mechanisms.StereotypeAssociations; )
    , %Foundation.Extension_Mechanisms.StereotypeCompositions; )?>

<!ATTLIST Foundation.Extension_Mechanisms.Stereotype %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Foundation.Extension_Mechanisms.TaggedValue -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Foundation.Extension_Mechanisms.TaggedValue.tag (#PCDATA|XMI.reference)*>
<!ELEMENT Foundation.Extension_Mechanisms.TaggedValue.value (#PCDATA|XMI.reference)*>
<!ELEMENT Foundation.Extension_Mechanisms.TaggedValue.stereotype
    (Foundation.Extension_Mechanisms.Stereotype)?>
<!ELEMENT Foundation.Extension_Mechanisms.TaggedValue.modelElement

```

```

        (Transformation.TransformationMap
Transformation.TransformationTree
Transformation.TransformationTask
Transformation.TransformationStep
XML.ElementType
WarehouseProcess.WarehouseProcess
WarehouseProcess.Events.CascadeEvent
WarehouseProcess.Events.CalendarDate
WarehouseProcess.Events.RetryEvent
Foundation.Core.Binding
Foundation.Core.Comment
Foundation.Core.Feature
WarehouseDeployment.DeployedComponent
MDDB.Dimension
WarehouseDeployment.ProviderConnection
XML.Attribute
CWMFoundation.Telephone
CWMFoundation.TypeAlias
CWMFoundation.UniqueKey
CWMFoundation.Document
CWMFoundation.EMailID
CWMFoundation.Location
Model_Management.Model
Foundation.Core.Class
Foundation.Core.Method
Foundation.Core.Usage
XML.MixedContent
Model_Management.Package
RecordOriented.RecordFile
WarehouseProcess.Events.RecurringPointInTimeEvent
Transformation.ClassMap
CWMFoundation.Description
CWMFoundation.FeatureNode
CWMFoundation.ElementNode
CWMFoundation.Enumeration
CWMFoundation.UnionMember
CWMFoundation.ContactInfo
CWMFoundation.ConstantNode
Relational.SQLDistinctType
Relational.SQLIndexColumn
Foundation.Core.Flow
Foundation.Core.Node
Relational.UniqueConstraint
WarehouseDeployment.SoftwareSystem
MDDB.DimensionedObject
CWMFoundation.EnumerationLiteral
Olap.Hierarchy
Olap.MemberSelection
RecordOriented.FieldValueCondition
Relational.SQLDataType
XML.ElementContent
RecordOriented.Record
Relational.SQLIndex
Relational.SQLQuery
Relational.BaseTable
Relational.ColumnSet
Relational.Procedure
Relational.ForeignKey
Behavioral_Elements.Common_Behavior.Link
Behavioral_Elements.State_Machines.Event
Behavioral_Elements.State_Machines.Guard
Behavioral_Elements.State_Machines.State
Transformation.DataObjectSet
Olap.Measure
Relational.SQLSimpleType
WarehouseOperation.ActivityExecution
Transformation.Transformation

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Model_Management.Subsystem
Foundation.Core.Classifier
Foundation.Core.Operation
Foundation.Core.Component
Foundation.Core.Namespace
Foundation.Core.Constraint
Foundation.Core.Dependency
Foundation.Core.Parameter
Foundation.Core.Permission
Foundation.Core.Abstraction
Foundation.Core.Association
Foundation.Core.Attribute
Foundation.Core.Interface
CWMFoundation.DataTypeMapping
Foundation.Core.AssociationClass
CWMFoundation.KeyRelationship
CWMFoundation.ResponsibleParty
XML.Schema
CWMFoundation.IndexedFeature
CWMFoundation.ExpressionNode
RecordOriented.Field
RecordOriented.Group
Behavioral_Elements.Collaborations.ClassifierRole
Behavioral_Elements.Collaborations.AssociationEndRole
Behavioral_Elements.Collaborations.AssociationRole
Behavioral_Elements.State_Machines.CompositeState
Behavioral_Elements.State_Machines.SubmachineState
Behavioral_Elements.Common_Behavior.ActionSequence
Behavioral_Elements.Common_Behavior.AttributeLink
Behavioral_Elements.Common_Behavior.ComponentInstance
Behavioral_Elements.Common_Behavior.DestroyAction
Behavioral_Elements.Common_Behavior.TerminateAction
Behavioral_Elements.Activity_Graphs.ActivityGraph
Behavioral_Elements.Activity_Graphs.ClassifierInState
Behavioral_Elements.Activity_Graphs.ObjectFlowState
Behavioral_Elements.Activity_Graphs.SubactivityState
Behavioral_Elements.Activity_Graphs.ActionState
WarehouseOperation.Measurement
Behavioral_Elements.Use_Cases.Include
Behavioral_Elements.Use_Cases.UseCase
Relational.Table
Behavioral_Elements.Collaborations.Interaction
Behavioral_Elements.Common_Behavior.CallAction
Behavioral_Elements.Common_Behavior.LinkObject
Olap.ValueBasedHierarchy
WarehouseDeployment.Site
Relational.View
Olap.CodedLevel
WarehouseProcess.Events.CustomCalendar
WarehouseProcess.Events.ExternalEvent
WarehouseProcess.Events.IntervalEvent
WarehouseProcess.Events.ScheduleEvent
WarehouseProcess.Events.WarehouseEvent
RecordOriented.FixedOffsetField
Behavioral_Elements.Collaborations.Collaboration
Behavioral_Elements.Common_Behavior.CreateAction
Behavioral_Elements.Common_Behavior.NodeInstance
Behavioral_Elements.Common_Behavior.ReturnAction
Olap.CubeDimensionAssociation
Olap.DimensionMap
Olap.HierarchyMap
Transformation.PrecedenceConstrainedBy
Transformation.TransformationActivity
Transformation.AttributeMap
XML.Content
Olap.LevelBasedHierarchy
Olap.Dimension

```

```

Olap.Cube
Relational.SQLStructuredType
Olap.LevelMap
WarehouseDeployment.DataProvider
WarehouseDeployment.DataResource
Olap.Schema
WarehouseDeployment.Machine
WarehouseOperation.ChangeRequest
Foundation.Extension_Mechanisms.Stereotype
WarehouseOperation.StepExecution
WarehouseProcess.Events.PointInTimeEvent
WarehouseProcess.Events.CustomCalendarEvent
Foundation.Core.DataType
MDDB.Schema
Foundation.Core.ModelElement
Foundation.Core.Relationship
Foundation.Core.Generalization
Foundation.Core.AssociationEnd
Behavioral_Elements.Activity_Graphs.CallState
Behavioral_Elements.Activity_Graphs.Partition
Behavioral_Elements.Collaborations.Message
Behavioral_Elements.Common_Behavior.LinkEnd
Behavioral_Elements.Common_Behavior.DataValue
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Object
Behavioral_Elements.Common_Behavior.Argument
Behavioral_Elements.Common_Behavior.Action
Behavioral_Elements.Common_Behavior.Exception
Behavioral_Elements.Common_Behavior.Stimulus
Foundation.Core.BehavioralFeature
Behavioral_Elements.State_Machines.CallEvent
Behavioral_Elements.State_Machines.FinalState
Behavioral_Elements.State_Machines.SynchState
Behavioral_Elements.State_Machines.StubState
Behavioral_Elements.State_Machines.Transition
Behavioral_Elements.State_Machines.TimeEvent
Behavioral_Elements.Use_Cases.ExtensionPoint
Behavioral_Elements.Use_Cases.UseCaseInstance
Foundation.Core.GeneralizableElement
Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema
Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation)?>

```

```

<!ENTITY % Foundation.Extension_Mechanisms.TaggedValueProperties
    '(Foundation.Extension_Mechanisms.TaggedValue.tag
    ,Foundation.Extension_Mechanisms.TaggedValue.value )' >

<!ENTITY % Foundation.Extension_Mechanisms.TaggedValueAssociations
    '(Foundation.Extension_Mechanisms.TaggedValue.stereotype?

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```

    ,Foundation.Extension_Mechanisms.TaggedValue.modelElement?)' >
<!ELEMENT Foundation.Extension_Mechanisms.TaggedValue (
    %Foundation.Extension_Mechanisms.TaggedValueProperties;
    ,(XMI.extension* , %Foundation.Extension_Mechanisms.TaggedValueAssociations; ) )?>
<!ATTLIST Foundation.Extension_Mechanisms.TaggedValue %XMI.element.att; %XMI.link.att; >

<!ELEMENT Foundation.Extension_Mechanisms ((Foundation.Extension_Mechanisms.Stereotype
|Foundation.Extension_Mechanisms.TaggedValue)*)>
<!ATTLIST Foundation.Extension_Mechanisms %XMI.element.att; %XMI.link.att;>

<!ELEMENT Foundation ((Foundation.Core
|Foundation.Data_Types
|Foundation.Extension_Mechanisms)*)>
<!ATTLIST Foundation %XMI.element.att; %XMI.link.att;>

<!-- _____ -->
<!-- _____ -->
<!-- PACKAGE: Model_Management -->
<!-- _____ -->
<!-- _____ -->

<!-- ***** Model_Management.A_package_elementImport ***** -->
<!ELEMENT Model_Management.Package.elementImport ( Model_Management.ElementImport)* >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Model_Management.Package -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Model_Management.PackageProperties '(%Foundation.Core.NamespaceProperties;
,Foundation.Core.GeneralizableElement.isRoot
,Foundation.Core.GeneralizableElement.isLeaf
,Foundation.Core.GeneralizableElement.isAbstract )' >

<!ENTITY % Model_Management.PackageAssociations '(%Foundation.Core.NamespaceAssociations;
,Foundation.Core.GeneralizableElement.generalization*
,Foundation.Core.GeneralizableElement.specialization*)' >

<!ENTITY % Model_Management.PackageCompositions '(%Foundation.Core.NamespaceCompositions;
,Model_Management.Package.elementImport*)' >

<!ELEMENT Model_Management.Package ( %Model_Management.PackageProperties;
,(XMI.extension* , %Model_Management.PackageAssociations; )
, %Model_Management.PackageCompositions; )?>

<!ATTLIST Model_Management.Package %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Model_Management.Model -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Model_Management.ModelProperties '(%Model_Management.PackageProperties;)' >
<!ENTITY % Model_Management.ModelAssociations '(%Model_Management.PackageAssociations;)' >

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<!ENTITY % Model_Management.ModelCompositions '(%Model_Management.PackageCompositions;)' >
<!ELEMENT Model_Management.Model ( %Model_Management.ModelProperties;
    , (XMI.extension* , %Model_Management.ModelAssociations; )
    , %Model_Management.ModelCompositions; )?>
<!ATTLIST Model_Management.Model %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Model_Management.Subsystem _____ -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Model_Management.Subsystem.isInstantiable EMPTY>
<!ATTLIST Model_Management.Subsystem.isInstantiable
    xmi.value ( true | false ) #REQUIRED>

<!ENTITY % Model_Management.SubsystemProperties '(%Foundation.Core.ClassifierProperties;
    , Model_Management.Subsystem.isInstantiable )' >
<!ENTITY % Model_Management.SubsystemAssociations
    '(%Foundation.Core.ClassifierAssociations;)' >
<!ENTITY % Model_Management.SubsystemCompositions
    '(%Foundation.Core.ClassifierCompositions;)' >

<!ELEMENT Model_Management.Subsystem ( %Model_Management.SubsystemProperties;
    , (XMI.extension* , %Model_Management.SubsystemAssociations; )
    , %Model_Management.SubsystemCompositions; )?>
<!ATTLIST Model_Management.Subsystem %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Model_Management.ElementImport _____ -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Model_Management.ElementImport.visibility EMPTY>
<!ATTLIST Model_Management.ElementImport.visibility %Foundation.Data_Types.VisibilityKind;>

<!ELEMENT Model_Management.ElementImport.alias (#PCDATA|XMI.reference)*>

<!ELEMENT Model_Management.ElementImport.modelElement (Transformation.TransformationMap
|Transformation.TransformationTree
|Transformation.TransformationTask
|Transformation.TransformationStep
|XML.ElementType
|WarehouseProcess.WarehouseProcess
|WarehouseProcess.Events.CascadeEvent
|WarehouseProcess.Events.CalendarDate
|WarehouseProcess.Events.RetryEvent
|Foundation.Core.Binding
|Foundation.Core.Comment
|Foundation.Core.Feature
|WarehouseDeployment.DeployedComponent
|MDDB.Dimension
|WarehouseDeployment.ProviderConnection
|XML.Attribute
|CWMFoundation.Telephone
|CWMFoundation.TypeAlias
|CWMFoundation.UniqueKey
|CWMFoundation.Document
|CWMFoundation.EMailID

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CWMFoundation.Location  
Model\_Management.Model  
Foundation.Core.Class  
Foundation.Core.Method  
Foundation.Core.Usage  
XML.MixedContent  
Model\_Management.Package  
RecordOriented.RecordFile  
WarehouseProcess.Events.RecurringPointInTimeEvent  
Transformation.ClassMap  
CWMFoundation.Description  
CWMFoundation.FeatureNode  
CWMFoundation.ElementNode  
CWMFoundation.Enumeration  
CWMFoundation.UnionMember  
CWMFoundation.ContactInfo  
CWMFoundation.ConstantNode  
Relational.SQLDistinctType  
Relational.SQLIndexColumn  
Foundation.Core.Flow  
Foundation.Core.Node  
Relational.UniqueConstraint  
WarehouseDeployment.SoftwareSystem  
MDDB.DimensionedObject  
CWMFoundation.EnumerationLiteral  
Olap.Hierarchy  
Olap.MemberSelection  
RecordOriented.FieldValueCondition  
Relational.SQLDataType  
XML.ElementContent  
RecordOriented.Record  
Relational.SQLIndex  
Relational.SQLQuery  
Relational.BaseTable  
Relational.ColumnSet  
Relational.Procedure  
Relational.ForeignKey  
Behavioral\_Elements.Common\_Behavior.Link  
Behavioral\_Elements.State\_Machines.Event  
Behavioral\_Elements.State\_Machines.Guard  
Behavioral\_Elements.State\_Machines.State  
Transformation.DataObjectSet  
Olap.Measure  
Relational.SQLSimpleType  
WarehouseOperation.ActivityExecution  
Transformation.Transformation  
Model\_Management.Subsystem  
Foundation.Core.Classifier  
Foundation.Core.Operation  
Foundation.Core.Component  
Foundation.Core.Namespace  
Foundation.Core.Constraint  
Foundation.Core.Dependency  
Foundation.Core.Parameter  
Foundation.Core.Permission  
Foundation.Core.Abstraction  
Foundation.Core.Association  
Foundation.Core.Attribute  
Foundation.Core.Interface  
CWMFoundation.DataTypeMapping  
Foundation.Core.AssociationClass  
CWMFoundation.KeyRelationship  
CWMFoundation.ResponsibleParty  
XML.Schema  
CWMFoundation.IndexedFeature  
CWMFoundation.ExpressionNode  
RecordOriented.Field

RecordOriented.Group  
 Behavioral\_Elements.Collaborations.ClassifierRole  
 Behavioral\_Elements.Collaborations.AssociationEndRole  
 Behavioral\_Elements.Collaborations.AssociationRole  
 Behavioral\_Elements.State\_Machines.CompositeState  
 Behavioral\_Elements.State\_Machines.SubmachineState  
 Behavioral\_Elements.Common\_Behavior.ActionSequence  
 Behavioral\_Elements.Common\_Behavior.AttributeLink  
 Behavioral\_Elements.Common\_Behavior.ComponentInstance  
 Behavioral\_Elements.Common\_Behavior.DestroyAction  
 Behavioral\_Elements.Common\_Behavior.TerminateAction  
 Behavioral\_Elements.Activity\_Graphs.ActivityGraph  
 Behavioral\_Elements.Activity\_Graphs.ClassifierInState  
 Behavioral\_Elements.Activity\_Graphs.ObjectFlowState  
 Behavioral\_Elements.Activity\_Graphs.SubactivityState  
 Behavioral\_Elements.Activity\_Graphs.ActionState  
 WarehouseOperation.Measurement  
 Behavioral\_Elements.Use\_Cases.Include  
 Behavioral\_Elements.Use\_Cases.UseCase  
 Relational.Table  
 Behavioral\_Elements.Collaborations.Interaction  
 Behavioral\_Elements.Common\_Behavior.CallAction  
 Behavioral\_Elements.Common\_Behavior.LinkObject  
 Olap.ValueBasedHierarchy  
 WarehouseDeployment.Site  
 Relational.View  
 Olap.CodedLevel  
 WarehouseProcess.Events.CustomCalendar  
 WarehouseProcess.Events.ExternalEvent  
 WarehouseProcess.Events.IntervalEvent  
 WarehouseProcess.Events.ScheduleEvent  
 WarehouseProcess.Events.WarehouseEvent  
 RecordOriented.FixedOffsetField  
 Behavioral\_Elements.Collaborations.Collaboration  
 Behavioral\_Elements.Common\_Behavior.CreateAction  
 Behavioral\_Elements.Common\_Behavior.NodeInstance  
 Behavioral\_Elements.Common\_Behavior.ReturnAction  
 Olap.CubeDimensionAssociation  
 Olap.DimensionMap  
 Olap.HierarchyMap  
 Transformation.PrecedenceConstrainedBy  
 Transformation.TransformationActivity  
 Transformation.AttributeMap  
 XML.Content  
 Olap.LevelBasedHierarchy  
 Olap.Dimension  
 Olap.Cube  
 Relational.SQLStructuredType  
 Olap.LevelMap  
 WarehouseDeployment.DataProvider  
 WarehouseDeployment.DataResource  
 Olap.Schema  
 WarehouseDeployment.Machine  
 WarehouseOperation.ChangeRequest  
 Foundation.Extension\_Mechanisms.Stereotype  
 WarehouseOperation.StepExecution  
 WarehouseProcess.Events.PointInTimeEvent  
 WarehouseProcess.Events.CustomCalendarEvent  
 Foundation.Core.DataType  
 MDDB.Schema  
 Foundation.Core.ModelElement  
 Foundation.Core.Relationship  
 Foundation.Core.Generalization  
 Foundation.Core.AssociationEnd  
 Behavioral\_Elements.Activity\_Graphs.CallState  
 Behavioral\_Elements.Activity\_Graphs.Partition  
 Behavioral\_Elements.Collaborations.Message

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Behavioral_Elements.Common_Behavior.LinkEnd
Behavioral_Elements.Common_Behavior.DataValue
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Object
Behavioral_Elements.Common_Behavior.Argument
Behavioral_Elements.Common_Behavior.Action
Behavioral_Elements.Common_Behavior.Exception
Behavioral_Elements.Common_Behavior.Stimulus
Foundation.Core.BehavioralFeature
Behavioral_Elements.State_Machines.CallEvent
Behavioral_Elements.State_Machines.FinalState
Behavioral_Elements.State_Machines.SynchState
Behavioral_Elements.State_Machines.StubState
Behavioral_Elements.State_Machines.Transition
Behavioral_Elements.State_Machines.TimeEvent
Behavioral_Elements.Use_Cases.ExtensionPoint
Behavioral_Elements.Use_Cases.UseCaseInstance
Foundation.Core.GeneralizableElement
Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema
Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation) >

```

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<!ELEMENT Model_Management.ElementImport.package (Model_Management.Model
|Model_Management.Package
|RecordOriented.RecordFile
|XML.Schema
|WarehouseProcess.Events.CustomCalendar
|WarehouseDeployment.DataProvider
|WarehouseDeployment.DataResource
|Olap.Schema
|MDDB.Schema
|Relational.Catalog
|Relational.Schema
|WarehouseDeployment.DeployedSoftwareSystem) >

<!ENTITY % Model_Management.ElementImportProperties
' (Model_Management.ElementImport.visibility
,Model_Management.ElementImport.alias )' >

<!ENTITY % Model_Management.ElementImportAssociations
' (Model_Management.ElementImport.modelElement
,Model_Management.ElementImport.package?)' >

<!ELEMENT Model_Management.ElementImport ( %Model_Management.ElementImportProperties;
,(XMI.extension* , %Model_Management.ElementImportAssociations; ) )?>

<!ATTLIST Model_Management.ElementImport %XMI.element.att; %XMI.link.att; >

<!ELEMENT Model_Management ((Model_Management.Model

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|Model_Management.Package
|Model_Management.Subsystem
|Model_Management.ElementImport)*>
<!-- ATTLIST Model_Management %XMI.element.att; %XMI.link.att;-->

<!-- _____ -->
<!-- _____ -->
<!-- PACKAGE: Behavioral_Elements _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- _____ -->
<!-- _____ -->
<!-- PACKAGE: Behavioral_Elements.Common_Behavior _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- ***** Behavioral_Elements.Common_Behavior.A_actualArgument_action ***** -->
<!-- ELEMENT Behavioral_Elements.Common_Behavior.Action.actualArgument (
        Behavioral_Elements.Common_Behavior.Argument)* -->

<!-- ***** Behavioral_Elements.Common_Behavior.A_slot_instance ***** -->
<!-- ELEMENT Behavioral_Elements.Common_Behavior.Instance.slot (
        Behavioral_Elements.Common_Behavior.AttributeLink)* -->

<!-- ***** Behavioral_Elements.Common_Behavior.A_argument_stimulus1 ***** -->
<!-- ELEMENT Behavioral_Elements.Common_Behavior.Stimulus.argument (
        Behavioral_Elements.Common_Behavior.ComponentInstance
        Behavioral_Elements.Common_Behavior.LinkObject
        Behavioral_Elements.Common_Behavior.NodeInstance
        Behavioral_Elements.Common_Behavior.DataValue
        Behavioral_Elements.Common_Behavior.Instance
        Behavioral_Elements.Common_Behavior.Object
        Behavioral_Elements.Use_Cases.UseCaseInstance)* -->

<!-- ***** Behavioral_Elements.Common_Behavior.A_link_connection ***** -->
<!-- ELEMENT Behavioral_Elements.Common_Behavior.Link.connection (
        Behavioral_Elements.Common_Behavior.LinkEnd)* -->

<!-- ***** Behavioral_Elements.Common_Behavior.A_actionSequence_action ***** -->
<!-- ELEMENT Behavioral_Elements.Common_Behavior.ActionSequence.action (
        Behavioral_Elements.Common_Behavior.ActionSequence
        Behavioral_Elements.Common_Behavior.DestroyAction
        Behavioral_Elements.Common_Behavior.TerminateAction
        Behavioral_Elements.Common_Behavior.CallAction
        Behavioral_Elements.Common_Behavior.CreateAction
        Behavioral_Elements.Common_Behavior.ReturnAction
        Behavioral_Elements.Common_Behavior.Action
        Behavioral_Elements.Common_Behavior.UninterpretedAction)* -->

<!-- ***** Behavioral_Elements.Common_Behavior.A_linkEnd_qualifiedValue ***** -->
<!-- ELEMENT Behavioral_Elements.Common_Behavior.LinkEnd.qualifiedValue (

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Behavioral_Elements.Common_Behavior.AttributeLink)* >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Common_Behavior.Instance -->
<!-- _____ -->
<!-- _____ -->

<ELEMENT Behavioral_Elements.Common_Behavior.Instance.classifier
      (Transformation.TransformationTask
|XML.ElementType
|MDDB.Dimension
|CWMFoundation.TypeAlias
|Foundation.Core.Class
|CWMFoundation.Enumeration
|Relational.SQLDistinctType
|Foundation.Core.Node
|WarehouseDeployment.SoftwareSystem
|Olap.Hierarchy
|Olap.MemberSelection
|Relational.SQLDataType
|RecordOriented.Record
|Relational.SQLQuery
|Relational.BaseTable
|Relational.ColumnSet
|Relational.SQLSimpleType
|Model_Management.Subsystem
|Foundation.Core.Classifier
|Foundation.Core.Component
|Foundation.Core.Interface
|Foundation.Core.AssociationClass
|RecordOriented.Group
|Behavioral_Elements.Collaborations.ClassifierRole
|Behavioral_Elements.Activity_Graphs.ClassifierInState
|Behavioral_Elements.Use_Cases.UseCase
|Relational.Table
|Olap.ValueBasedHierarchy
|Relational.View
|Olap.CodedLevel
|Olap.CubeDimensionAssociation
|Transformation.TransformationActivity
|Olap.LevelBasedHierarchy
|Olap.Dimension
|Olap.Cube
|Relational.SQLStructuredType
|Foundation.Core.DataType
|Behavioral_Elements.Common_Behavior.Signal
|Behavioral_Elements.Common_Behavior.Exception
|Olap.Level
|Olap.CubeRegion
|Behavioral_Elements.Use_Cases.Actor
|CWMFoundation.Union
|Olap.HierarchyLevelAssociation)+>

<ELEMENT Behavioral_Elements.Common_Behavior.Instance.attributeLink
      (Behavioral_Elements.Common_Behavior.AttributeLink)*>

<ELEMENT Behavioral_Elements.Common_Behavior.Instance.linkEnd
      (Behavioral_Elements.Common_Behavior.LinkEnd)*>

<ELEMENT Behavioral_Elements.Common_Behavior.Instance.stimulus1
      (Behavioral_Elements.Common_Behavior.Stimulus)*>

<ELEMENT Behavioral_Elements.Common_Behavior.Instance.stimulus3
      (Behavioral_Elements.Common_Behavior.Stimulus)*>

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<!ELEMENT Behavioral_Elements.Common_Behavior.Instance.componentInstance
      (Behavioral_Elements.Common_Behavior.ComponentInstance)?>

<!ELEMENT Behavioral_Elements.Common_Behavior.Instance.stimulus2
      (Behavioral_Elements.Common_Behavior.Stimulus)*>

<!ENTITY % Behavioral_Elements.Common_Behavior.InstanceProperties
      '(%Foundation.Core.ModelElementProperties;)' >

<!ENTITY % Behavioral_Elements.Common_Behavior.InstanceAssociations
      '(%Foundation.Core.ModelElementAssociations;
        ,Behavioral_Elements.Common_Behavior.Instance.classifier+
        ,Behavioral_Elements.Common_Behavior.Instance.attributeLink*
        ,Behavioral_Elements.Common_Behavior.Instance.linkEnd*
        ,Behavioral_Elements.Common_Behavior.Instance.stimulus1*
        ,Behavioral_Elements.Common_Behavior.Instance.stimulus3*
        ,Behavioral_Elements.Common_Behavior.Instance.componentInstance?
        ,Behavioral_Elements.Common_Behavior.Instance.stimulus2*)' >

<!ENTITY % Behavioral_Elements.Common_Behavior.InstanceCompositions
      '(%Foundation.Core.ModelElementCompositions;
        ,Behavioral_Elements.Common_Behavior.Instance.slot*)' >

<!ELEMENT Behavioral_Elements.Common_Behavior.Instance (
      %Behavioral_Elements.Common_Behavior.InstanceProperties;
      , (XMI.extension* , %Behavioral_Elements.Common_Behavior.InstanceAssociations; )
      , %Behavioral_Elements.Common_Behavior.InstanceCompositions; )?>

<!ATTLIST Behavioral_Elements.Common_Behavior.Instance %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Common_Behavior.Signal -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.Common_Behavior.Signal.reception
      (Behavioral_Elements.Common_Behavior.Reception)*>

<!ELEMENT Behavioral_Elements.Common_Behavior.Signal.context (Foundation.Core.Method
| Relational.Procedure
| Foundation.Core.Operation
| Behavioral_Elements.Common_Behavior.Reception
| Foundation.Core.BehavioralFeature)*>

<!ELEMENT Behavioral_Elements.Common_Behavior.Signal.sendAction
      (Behavioral_Elements.Common_Behavior.SendAction)*>

<!ENTITY % Behavioral_Elements.Common_Behavior.SignalProperties
      '(%Foundation.Core.ClassifierProperties;)' >

<!ENTITY % Behavioral_Elements.Common_Behavior.SignalAssociations
      '(%Foundation.Core.ClassifierAssociations;
        ,Behavioral_Elements.Common_Behavior.Signal.reception*
        ,Behavioral_Elements.Common_Behavior.Signal.context*
        ,Behavioral_Elements.Common_Behavior.Signal.sendAction*)' >

<!ENTITY % Behavioral_Elements.Common_Behavior.SignalCompositions
      '(%Foundation.Core.ClassifierCompositions;)' >

<!ELEMENT Behavioral_Elements.Common_Behavior.Signal (
      %Behavioral_Elements.Common_Behavior.SignalProperties;
      , (XMI.extension* , %Behavioral_Elements.Common_Behavior.SignalAssociations; )
      , %Behavioral_Elements.Common_Behavior.SignalCompositions; )?>

<!ATTLIST Behavioral_Elements.Common_Behavior.Signal %XMI.element.att; %XMI.link.att; >

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<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Common_Behavior.Action -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.Common_Behavior.Action.recurrence
      (Foundation.Data_Types.IterationExpression)>

<!ELEMENT Behavioral_Elements.Common_Behavior.Action.target
      (Foundation.Data_Types.ObjectSetExpression)>

<!ELEMENT Behavioral_Elements.Common_Behavior.Action.isAsynchronous EMPTY>
<!-- ATTLIST Behavioral_Elements.Common_Behavior.Action.isAsynchronous
      xmi.value ( true | false ) #REQUIRED>

<!ELEMENT Behavioral_Elements.Common_Behavior.Action.script
      (Foundation.Data_Types.ActionExpression)>

<!ELEMENT Behavioral_Elements.Common_Behavior.Action.actionSequence
      (Behavioral_Elements.Common_Behavior.ActionSequence)?>

<!ELEMENT Behavioral_Elements.Common_Behavior.Action.stimulus
      (Behavioral_Elements.Common_Behavior.Stimulus)*>

<!ENTITY % Behavioral_Elements.Common_Behavior.ActionProperties
      '(%Foundation.Core.ModelElementProperties;
        ,Behavioral_Elements.Common_Behavior.Action.recurrence
        ,Behavioral_Elements.Common_Behavior.Action.target
        ,Behavioral_Elements.Common_Behavior.Action.isAsynchronous
        ,Behavioral_Elements.Common_Behavior.Action.script )' >

<!ENTITY % Behavioral_Elements.Common_Behavior.ActionAssociations
      '(%Foundation.Core.ModelElementAssociations;
        ,Behavioral_Elements.Common_Behavior.Action.actionSequence?
        ,Behavioral_Elements.Common_Behavior.Action.stimulus*)' >

<!ENTITY % Behavioral_Elements.Common_Behavior.ActionCompositions
      '(%Foundation.Core.ModelElementCompositions;
        ,Behavioral_Elements.Common_Behavior.Action.actualArgument*)' >

<!ELEMENT Behavioral_Elements.Common_Behavior.Action (
      %Behavioral_Elements.Common_Behavior.ActionProperties;
      , (XMI.extension* , %Behavioral_Elements.Common_Behavior.ActionAssociations; )
      , %Behavioral_Elements.Common_Behavior.ActionCompositions; )?>

<!-- ATTLIST Behavioral_Elements.Common_Behavior.Action %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Common_Behavior.CreateAction -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.Common_Behavior.CreateAction.instantiation
      (Transformation.TransformationTask
      |XML.ElementType
      |MDDB.Dimension
      |CWMFoundation.TypeAlias
      |Foundation.Core.Class
      |CWMFoundation Enumeration
      |Relational.SQLDistinctType
      |Foundation.Core.Node
      |WarehouseDeployment.SoftwareSystem

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Olap.Hierarchy
Olap.MemberSelection
Relational.SQLDataType
RecordOriented.Record
Relational.SQLQuery
Relational.BaseTable
Relational.ColumnSet
Relational.SQLSimpleType
Model_Management.Subsystem
Foundation.Core.Classifier
Foundation.Core.Component
Foundation.Core.Interface
Foundation.Core.AssociationClass
RecordOriented.Group
Behavioral_Elements.Collaborations.ClassifierRole
Behavioral_Elements.Activity_Graphs.ClassifierInState
Behavioral_Elements.Use_Cases.UseCase
Relational.Table
Olap.ValueBasedHierarchy
Relational.View
Olap.CodedLevel
Olap.CubeDimensionAssociation
Transformation.TransformationActivity
Olap.LevelBasedHierarchy
Olap.Dimension
Olap.Cube
Relational.SQLStructuredType
Foundation.Core.DataType
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Exception
Olap.Level
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Union
Olap.HierarchyLevelAssociation) >

<!ENTITY % Behavioral_Elements.Common_Behavior.CreateActionProperties
        '(%Behavioral_Elements.Common_Behavior.ActionProperties;)' >

<!ENTITY % Behavioral_Elements.Common_Behavior.CreateActionAssociations
        '(%Behavioral_Elements.Common_Behavior.ActionAssociations;
        ,Behavioral_Elements.Common_Behavior.CreateAction.instantiation )' >

<!ENTITY % Behavioral_Elements.Common_Behavior.CreateActionCompositions
        '(%Behavioral_Elements.Common_Behavior.ActionCompositions;)' >

<!ELEMENT Behavioral_Elements.Common_Behavior.CreateAction (
        %Behavioral_Elements.Common_Behavior.CreateActionProperties;
        ,(XMI.extension* , %Behavioral_Elements.Common_Behavior.CreateActionAssociations; )
        , %Behavioral_Elements.Common_Behavior.CreateActionCompositions; )?>

<!ATTLIST Behavioral_Elements.Common_Behavior.CreateAction %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Common_Behavior.DestroyAction -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Behavioral_Elements.Common_Behavior.DestroyActionProperties
        '(%Behavioral_Elements.Common_Behavior.ActionProperties;)' >

<!ENTITY % Behavioral_Elements.Common_Behavior.DestroyActionAssociations
        '(%Behavioral_Elements.Common_Behavior.ActionAssociations;)' >

<!ENTITY % Behavioral_Elements.Common_Behavior.DestroyActionCompositions

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```

        '(%Behavioral_Elements.Common_Behavior.ActionCompositions;)' >
<!ELEMENT Behavioral_Elements.Common_Behavior.DestroyAction (
    %Behavioral_Elements.Common_Behavior.DestroyActionProperties;
    ,(XMI.extension* , %Behavioral_Elements.Common_Behavior.DestroyActionAssociations; )
    , %Behavioral_Elements.Common_Behavior.DestroyActionCompositions; )?>
<!ATTLIST Behavioral_Elements.Common_Behavior.DestroyAction %XMI.element.att; %XMI.link.att;
    >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Common_Behavior.UninterpretedAction -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Behavioral_Elements.Common_Behavior.UninterpretedActionProperties
    '(%Behavioral_Elements.Common_Behavior.ActionProperties;)' >

<!ENTITY % Behavioral_Elements.Common_Behavior.UninterpretedActionAssociations
    '(%Behavioral_Elements.Common_Behavior.ActionAssociations;)' >

<!ENTITY % Behavioral_Elements.Common_Behavior.UninterpretedActionCompositions
    '(%Behavioral_Elements.Common_Behavior.ActionCompositions;)' >

<!ELEMENT Behavioral_Elements.Common_Behavior.UninterpretedAction (
    %Behavioral_Elements.Common_Behavior.UninterpretedActionProperties;
    ,(XMI.extension* ,
        %Behavioral_Elements.Common_Behavior.UninterpretedActionAssociations; )
    , %Behavioral_Elements.Common_Behavior.UninterpretedActionCompositions; )?>

<!ATTLIST Behavioral_Elements.Common_Behavior.UninterpretedAction %XMI.element.att;
    %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Common_Behavior.AttributeLink -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.Common_Behavior.AttributeLink.attribute (XML.Attribute
| CWMFoundation.UnionMember
| MDDB.DimensionedObject
| Olap.Measure
| Foundation.Core.Attribute
| RecordOriented.Field
| RecordOriented.FixedOffsetField
| Relational.Column) >

<!ELEMENT Behavioral_Elements.Common_Behavior.AttributeLink.value
    (Behavioral_Elements.Common_Behavior.ComponentInstance
| Behavioral_Elements.Common_Behavior.LinkObject
| Behavioral_Elements.Common_Behavior.NodeInstance
| Behavioral_Elements.Common_Behavior.DataValue
| Behavioral_Elements.Common_Behavior.Instance
| Behavioral_Elements.Common_Behavior.Object
| Behavioral_Elements.Use_Cases.UseCaseInstance) >

<!ELEMENT Behavioral_Elements.Common_Behavior.AttributeLink.instance
    (Behavioral_Elements.Common_Behavior.ComponentInstance
| Behavioral_Elements.Common_Behavior.LinkObject
| Behavioral_Elements.Common_Behavior.NodeInstance
| Behavioral_Elements.Common_Behavior.DataValue
| Behavioral_Elements.Common_Behavior.Instance
| Behavioral_Elements.Common_Behavior.Object

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|Behavioral_Elements.Use_Cases.UseCaseInstance) >
<!ELEMENT Behavioral_Elements.Common_Behavior.AttributeLink.linkEnd
      (Behavioral_Elements.Common_Behavior.LinkEnd)?>
<!ENTITY % Behavioral_Elements.Common_Behavior.AttributeLinkProperties
      '(%Foundation.Core.ModelElementProperties;)' >
<!ENTITY % Behavioral_Elements.Common_Behavior.AttributeLinkAssociations
      '(%Foundation.Core.ModelElementAssociations;
        ,Behavioral_Elements.Common_Behavior.AttributeLink.attribute
        ,Behavioral_Elements.Common_Behavior.AttributeLink.value
        ,Behavioral_Elements.Common_Behavior.AttributeLink.instance?
        ,Behavioral_Elements.Common_Behavior.AttributeLink.linkEnd?)' >
<!ENTITY % Behavioral_Elements.Common_Behavior.AttributeLinkCompositions
      '(%Foundation.Core.ModelElementCompositions;)' >
<!ELEMENT Behavioral_Elements.Common_Behavior.AttributeLink (
      %Behavioral_Elements.Common_Behavior.AttributeLinkProperties;
      , (XMI.extension* , %Behavioral_Elements.Common_Behavior.AttributeLinkAssociations; )
      , %Behavioral_Elements.Common_Behavior.AttributeLinkCompositions; )?>
<!ATTLIST Behavioral_Elements.Common_Behavior.AttributeLink %XMI.element.att; %XMI.link.att;
      >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Common_Behavior.Object -->
<!-- _____ -->
<!-- _____ -->
<!ENTITY % Behavioral_Elements.Common_Behavior.ObjectProperties
      '(%Behavioral_Elements.Common_Behavior.InstanceProperties;)' >
<!ENTITY % Behavioral_Elements.Common_Behavior.ObjectAssociations
      '(%Behavioral_Elements.Common_Behavior.InstanceAssociations;)' >
<!ENTITY % Behavioral_Elements.Common_Behavior.ObjectCompositions
      '(%Behavioral_Elements.Common_Behavior.InstanceCompositions;)' >
<!ELEMENT Behavioral_Elements.Common_Behavior.Object (
      %Behavioral_Elements.Common_Behavior.ObjectProperties;
      , (XMI.extension* , %Behavioral_Elements.Common_Behavior.ObjectAssociations; )
      , %Behavioral_Elements.Common_Behavior.ObjectCompositions; )?>
<!ATTLIST Behavioral_Elements.Common_Behavior.Object %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Common_Behavior.Link -->
<!-- _____ -->
<!-- _____ -->
<!ELEMENT Behavioral_Elements.Common_Behavior.Link.association (Foundation.Core.Association
|Foundation.Core.AssociationClass
|Behavioral_Elements.Collaborations.AssociationRole) >
<!ELEMENT Behavioral_Elements.Common_Behavior.Link.stimulus
      (Behavioral_Elements.Common_Behavior.Stimulus)*>
<!ENTITY % Behavioral_Elements.Common_Behavior.LinkProperties
      '(%Foundation.Core.ModelElementProperties;)' >
<!ENTITY % Behavioral_Elements.Common_Behavior.LinkAssociations

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        '(%Foundation.Core.ModelElementAssociations;
,Behavioral_Elements.Common_Behavior.Link.association
,Behavioral_Elements.Common_Behavior.Link.stimulus*)' >
<!ENTITY % Behavioral_Elements.Common_Behavior.LinkCompositions
        '(%Foundation.Core.ModelElementCompositions;
,Behavioral_Elements.Common_Behavior.Link.connection*)' >
<!ELEMENT Behavioral_Elements.Common_Behavior.Link (
        %Behavioral_Elements.Common_Behavior.LinkProperties;
,(XMI.extension* , %Behavioral_Elements.Common_Behavior.LinkAssociations; )
, %Behavioral_Elements.Common_Behavior.LinkCompositions; )?>
<!ATTLIST Behavioral_Elements.Common_Behavior.Link %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Common_Behavior.LinkObject -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Behavioral_Elements.Common_Behavior.LinkObjectProperties
        '(%Behavioral_Elements.Common_Behavior.ObjectProperties;)' >
<!ENTITY % Behavioral_Elements.Common_Behavior.LinkObjectAssociations
        '(%Behavioral_Elements.Common_Behavior.ObjectAssociations;
,Behavioral_Elements.Common_Behavior.Link.association
,Behavioral_Elements.Common_Behavior.Link.stimulus*)' >
<!ENTITY % Behavioral_Elements.Common_Behavior.LinkObjectCompositions
        '(%Behavioral_Elements.Common_Behavior.ObjectCompositions;
,Behavioral_Elements.Common_Behavior.Link.connection*)' >
<!ELEMENT Behavioral_Elements.Common_Behavior.LinkObject (
        %Behavioral_Elements.Common_Behavior.LinkObjectProperties;
,(XMI.extension* , %Behavioral_Elements.Common_Behavior.LinkObjectAssociations; )
, %Behavioral_Elements.Common_Behavior.LinkObjectCompositions; )?>
<!ATTLIST Behavioral_Elements.Common_Behavior.LinkObject %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Common_Behavior.DataValue -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Behavioral_Elements.Common_Behavior.DataValueProperties
        '(%Behavioral_Elements.Common_Behavior.InstanceProperties;)' >
<!ENTITY % Behavioral_Elements.Common_Behavior.DataValueAssociations
        '(%Behavioral_Elements.Common_Behavior.InstanceAssociations;)' >
<!ENTITY % Behavioral_Elements.Common_Behavior.DataValueCompositions
        '(%Behavioral_Elements.Common_Behavior.InstanceCompositions;)' >
<!ELEMENT Behavioral_Elements.Common_Behavior.DataValue (
        %Behavioral_Elements.Common_Behavior.DataValueProperties;
,(XMI.extension* , %Behavioral_Elements.Common_Behavior.DataValueAssociations; )
, %Behavioral_Elements.Common_Behavior.DataValueCompositions; )?>
<!ATTLIST Behavioral_Elements.Common_Behavior.DataValue %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->

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```

<!-- CLASS: Behavioral_Elements.Common_Behavior.CallAction -->
<!-- -->
<!-- ----- -->

<!-- ELEMENT Behavioral_Elements.Common_Behavior.CallAction.operation
      (Foundation.Core.Operation) >

<!-- ENTITY % Behavioral_Elements.Common_Behavior.CallActionProperties
      '(%Behavioral_Elements.Common_Behavior.ActionProperties;)' >

<!-- ENTITY % Behavioral_Elements.Common_Behavior.CallActionAssociations
      '(%Behavioral_Elements.Common_Behavior.ActionAssociations;
        ,Behavioral_Elements.Common_Behavior.CallAction.operation )' >

<!-- ENTITY % Behavioral_Elements.Common_Behavior.CallActionCompositions
      '(%Behavioral_Elements.Common_Behavior.ActionCompositions;)' >

<!-- ELEMENT Behavioral_Elements.Common_Behavior.CallAction (
      %Behavioral_Elements.Common_Behavior.CallActionProperties;
      , (XMI.extension* , %Behavioral_Elements.Common_Behavior.CallActionAssociations; )
      , %Behavioral_Elements.Common_Behavior.CallActionCompositions; )?>

<!-- ATTLIST Behavioral_Elements.Common_Behavior.CallAction %XMI.element.att; %XMI.link.att; >

<!-- ----- -->
<!-- -->
<!-- CLASS: Behavioral_Elements.Common_Behavior.SendAction -->
<!-- -->
<!-- ----- -->

<!-- ELEMENT Behavioral_Elements.Common_Behavior.SendAction.signal
      (Behavioral_Elements.Common_Behavior.Signal
      |Behavioral_Elements.Common_Behavior.Exception) >

<!-- ENTITY % Behavioral_Elements.Common_Behavior.SendActionProperties
      '(%Behavioral_Elements.Common_Behavior.ActionProperties;)' >

<!-- ENTITY % Behavioral_Elements.Common_Behavior.SendActionAssociations
      '(%Behavioral_Elements.Common_Behavior.ActionAssociations;
        ,Behavioral_Elements.Common_Behavior.SendAction.signal )' >

<!-- ENTITY % Behavioral_Elements.Common_Behavior.SendActionCompositions
      '(%Behavioral_Elements.Common_Behavior.ActionCompositions;)' >

<!-- ELEMENT Behavioral_Elements.Common_Behavior.SendAction (
      %Behavioral_Elements.Common_Behavior.SendActionProperties;
      , (XMI.extension* , %Behavioral_Elements.Common_Behavior.SendActionAssociations; )
      , %Behavioral_Elements.Common_Behavior.SendActionCompositions; )?>

<!-- ATTLIST Behavioral_Elements.Common_Behavior.SendAction %XMI.element.att; %XMI.link.att; >

<!-- ----- -->
<!-- -->
<!-- CLASS: Behavioral_Elements.Common_Behavior.ActionSequence -->
<!-- -->
<!-- ----- -->

<!-- ENTITY % Behavioral_Elements.Common_Behavior.ActionSequenceProperties
      '(%Behavioral_Elements.Common_Behavior.ActionProperties;)' >

<!-- ENTITY % Behavioral_Elements.Common_Behavior.ActionSequenceAssociations
      '(%Behavioral_Elements.Common_Behavior.ActionAssociations;)' >

<!-- ENTITY % Behavioral_Elements.Common_Behavior.ActionSequenceCompositions
      '(%Behavioral_Elements.Common_Behavior.ActionCompositions;

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    ,Behavioral_Elements.Common_Behavior.ActionSequence.action*)' >
<!-- Behavioral_Elements.Common_Behavior.ActionSequence (
    %Behavioral_Elements.Common_Behavior.ActionSequenceProperties;
    ,(XMI.extension* , %Behavioral_Elements.Common_Behavior.ActionSequenceAssociations; )
    , %Behavioral_Elements.Common_Behavior.ActionSequenceCompositions; )?>
<!-- Behavioral_Elements.Common_Behavior.ActionSequence %XMI.element.att; %XMI.link.att;
>

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Common_Behavior.Argument -->
<!-- _____ -->
<!-- _____ -->

<!-- Behavioral_Elements.Common_Behavior.Argument.value
    (Foundation.Data_Types.ProcedureExpression
    |Foundation.Data_Types.ObjectSetExpression
    |Foundation.Data_Types.IterationExpression
    |Foundation.Data_Types.Expression
    |CWMFoundation.QueryExpression
    |Foundation.Data_Types.TimeExpression
    |Foundation.Data_Types.TypeExpression
    |Foundation.Data_Types.ArgListsExpression
    |Foundation.Data_Types.BooleanExpression
    |Foundation.Data_Types.MappingExpression
    |Foundation.Data_Types.ActionExpression)>

<!-- Behavioral_Elements.Common_Behavior.Argument.action
    (Behavioral_Elements.Common_Behavior.ActionSequence
    |Behavioral_Elements.Common_Behavior.DestroyAction
    |Behavioral_Elements.Common_Behavior.TerminateAction
    |Behavioral_Elements.Common_Behavior.CallAction
    |Behavioral_Elements.Common_Behavior.CreateAction
    |Behavioral_Elements.Common_Behavior.ReturnAction
    |Behavioral_Elements.Common_Behavior.Action
    |Behavioral_Elements.Common_Behavior.UninterpretedAction)?>

<!-- ENTITY % Behavioral_Elements.Common_Behavior.ArgumentProperties
    '(%Foundation.Core.ModelElementProperties;
    ,Behavioral_Elements.Common_Behavior.Argument.value )' >

<!-- ENTITY % Behavioral_Elements.Common_Behavior.ArgumentAssociations
    '(%Foundation.Core.ModelElementAssociations;
    ,Behavioral_Elements.Common_Behavior.Argument.action?)' >

<!-- ENTITY % Behavioral_Elements.Common_Behavior.ArgumentCompositions
    '(%Foundation.Core.ModelElementCompositions;)' >

<!-- Behavioral_Elements.Common_Behavior.Argument (
    %Behavioral_Elements.Common_Behavior.ArgumentProperties;
    ,(XMI.extension* , %Behavioral_Elements.Common_Behavior.ArgumentAssociations; )
    , %Behavioral_Elements.Common_Behavior.ArgumentCompositions; )?>

<!-- Behavioral_Elements.Common_Behavior.Argument %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Common_Behavior.Reception -->
<!-- _____ -->
<!-- _____ -->

<!-- Behavioral_Elements.Common_Behavior.Reception.specification
    (#PCDATA|XMI.reference)*>

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<!ELEMENT Behavioral_Elements.Common_Behavior.Reception.isRoot EMPTY>
<!-- ATTLIST Behavioral_Elements.Common_Behavior.Reception.isRoot
      xmi.value ( true | false ) #REQUIRED>

<!ELEMENT Behavioral_Elements.Common_Behavior.Reception.isLeaf EMPTY>
<!-- ATTLIST Behavioral_Elements.Common_Behavior.Reception.isLeaf
      xmi.value ( true | false ) #REQUIRED>

<!ELEMENT Behavioral_Elements.Common_Behavior.Reception.isAbstract EMPTY>
<!-- ATTLIST Behavioral_Elements.Common_Behavior.Reception.isAbstract
      xmi.value ( true | false ) #REQUIRED>

<!ELEMENT Behavioral_Elements.Common_Behavior.Reception.signal
      (Behavioral_Elements.Common_Behavior.Signal
      |Behavioral_Elements.Common_Behavior.Exception) >

<!ENTITY % Behavioral_Elements.Common_Behavior.ReceptionProperties
      '(%Foundation.Core.BehavioralFeatureProperties;
      ,Behavioral_Elements.Common_Behavior.Reception.specification
      ,Behavioral_Elements.Common_Behavior.Reception.isRoot
      ,Behavioral_Elements.Common_Behavior.Reception.isLeaf
      ,Behavioral_Elements.Common_Behavior.Reception.isAbstract )' >

<!ENTITY % Behavioral_Elements.Common_Behavior.ReceptionAssociations
      '(%Foundation.Core.BehavioralFeatureAssociations;
      ,Behavioral_Elements.Common_Behavior.Reception.signal )' >

<!ENTITY % Behavioral_Elements.Common_Behavior.ReceptionCompositions
      '(%Foundation.Core.BehavioralFeatureCompositions;)' >

<!ELEMENT Behavioral_Elements.Common_Behavior.Reception (
      %Behavioral_Elements.Common_Behavior.ReceptionProperties;
      , (XMI.extension* , %Behavioral_Elements.Common_Behavior.ReceptionAssociations; )
      , %Behavioral_Elements.Common_Behavior.ReceptionCompositions; )?>

<!-- ATTLIST Behavioral_Elements.Common_Behavior.Reception %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Common_Behavior.LinkEnd -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.Common_Behavior.LinkEnd.instance
      (Behavioral_Elements.Common_Behavior.ComponentInstance
      |Behavioral_Elements.Common_Behavior.LinkObject
      |Behavioral_Elements.Common_Behavior.NodeInstance
      |Behavioral_Elements.Common_Behavior.DataValue
      |Behavioral_Elements.Common_Behavior.Instance
      |Behavioral_Elements.Common_Behavior.Object
      |Behavioral_Elements.Use_Cases.UseCaseInstance) >

<!ELEMENT Behavioral_Elements.Common_Behavior.LinkEnd.link
      (Behavioral_Elements.Common_Behavior.Link
      |Behavioral_Elements.Common_Behavior.LinkObject) >

<!ELEMENT Behavioral_Elements.Common_Behavior.LinkEnd.associationEnd
      (Behavioral_Elements.Collaborations.AssociationEndRole
      |Foundation.Core.AssociationEnd) >

<!ENTITY % Behavioral_Elements.Common_Behavior.LinkEndProperties
      '(%Foundation.Core.ModelElementProperties;)' >

<!ENTITY % Behavioral_Elements.Common_Behavior.LinkEndAssociations
      '(%Foundation.Core.ModelElementAssociations;

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,Behavioral_Elements.Common_Behavior.LinkEnd.instance
,Behavioral_Elements.Common_Behavior.LinkEnd.link?
,Behavioral_Elements.Common_Behavior.LinkEnd.associationEnd )' >

<!ENTITY % Behavioral_Elements.Common_Behavior.LinkEndCompositions
'(%Foundation.Core.ModelElementCompositions;
,Behavioral_Elements.Common_Behavior.LinkEnd.qualifiedValue*)' >

<!ELEMENT Behavioral_Elements.Common_Behavior.LinkEnd (
    %Behavioral_Elements.Common_Behavior.LinkEndProperties;
    , (XMI.extension* , %Behavioral_Elements.Common_Behavior.LinkEndAssociations; )
    , %Behavioral_Elements.Common_Behavior.LinkEndCompositions; )?>

<!ATTLIST Behavioral_Elements.Common_Behavior.LinkEnd %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Common_Behavior.ReturnAction -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Behavioral_Elements.Common_Behavior.ReturnActionProperties
'(%Behavioral_Elements.Common_Behavior.ActionProperties;)' >

<!ENTITY % Behavioral_Elements.Common_Behavior.ReturnActionAssociations
'(%Behavioral_Elements.Common_Behavior.ActionAssociations;)' >

<!ENTITY % Behavioral_Elements.Common_Behavior.ReturnActionCompositions
'(%Behavioral_Elements.Common_Behavior.ActionCompositions;)' >

<!ELEMENT Behavioral_Elements.Common_Behavior.ReturnAction (
    %Behavioral_Elements.Common_Behavior.ReturnActionProperties;
    , (XMI.extension* , %Behavioral_Elements.Common_Behavior.ReturnActionAssociations; )
    , %Behavioral_Elements.Common_Behavior.ReturnActionCompositions; )?>

<!ATTLIST Behavioral_Elements.Common_Behavior.ReturnAction %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Common_Behavior.TerminateAction -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Behavioral_Elements.Common_Behavior.TerminateActionProperties
'(%Behavioral_Elements.Common_Behavior.ActionProperties;)' >

<!ENTITY % Behavioral_Elements.Common_Behavior.TerminateActionAssociations
'(%Behavioral_Elements.Common_Behavior.ActionAssociations;)' >

<!ENTITY % Behavioral_Elements.Common_Behavior.TerminateActionCompositions
'(%Behavioral_Elements.Common_Behavior.ActionCompositions;)' >

<!ELEMENT Behavioral_Elements.Common_Behavior.TerminateAction (
    %Behavioral_Elements.Common_Behavior.TerminateActionProperties;
    , (XMI.extension* , %Behavioral_Elements.Common_Behavior.TerminateActionAssociations;
    )
    , %Behavioral_Elements.Common_Behavior.TerminateActionCompositions; )?>

<!ATTLIST Behavioral_Elements.Common_Behavior.TerminateAction %XMI.element.att;
    %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Common_Behavior.Stimulus -->

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<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.Common_Behavior.Stimulus.sender
  (Behavioral_Elements.Common_Behavior.ComponentInstance
  |Behavioral_Elements.Common_Behavior.LinkObject
  |Behavioral_Elements.Common_Behavior.NodeInstance
  |Behavioral_Elements.Common_Behavior.DataValue
  |Behavioral_Elements.Common_Behavior.Instance
  |Behavioral_Elements.Common_Behavior.Object
  |Behavioral_Elements.Use_Cases.UseCaseInstance) >

<!ELEMENT Behavioral_Elements.Common_Behavior.Stimulus.receiver
  (Behavioral_Elements.Common_Behavior.ComponentInstance
  |Behavioral_Elements.Common_Behavior.LinkObject
  |Behavioral_Elements.Common_Behavior.NodeInstance
  |Behavioral_Elements.Common_Behavior.DataValue
  |Behavioral_Elements.Common_Behavior.Instance
  |Behavioral_Elements.Common_Behavior.Object
  |Behavioral_Elements.Use_Cases.UseCaseInstance) >

<!ELEMENT Behavioral_Elements.Common_Behavior.Stimulus.communicationLink
  (Behavioral_Elements.Common_Behavior.Link
  |Behavioral_Elements.Common_Behavior.LinkObject)?>

<!ELEMENT Behavioral_Elements.Common_Behavior.Stimulus.dispatchAction
  (Behavioral_Elements.Common_Behavior.ActionSequence
  |Behavioral_Elements.Common_Behavior.DestroyAction
  |Behavioral_Elements.Common_Behavior.TerminateAction
  |Behavioral_Elements.Common_Behavior.CallAction
  |Behavioral_Elements.Common_Behavior.CreateAction
  |Behavioral_Elements.Common_Behavior.ReturnAction
  |Behavioral_Elements.Common_Behavior.Action
  |Behavioral_Elements.Common_Behavior.UninterpretedAction) >

<!ENTITY % Behavioral_Elements.Common_Behavior.StimulusProperties
  '(%Foundation.Core.ModelElementProperties;)' >

<!ENTITY % Behavioral_Elements.Common_Behavior.StimulusAssociations
  '(%Foundation.Core.ModelElementAssociations;
  ,Behavioral_Elements.Common_Behavior.Stimulus.sender
  ,Behavioral_Elements.Common_Behavior.Stimulus.receiver
  ,Behavioral_Elements.Common_Behavior.Stimulus.communicationLink?
  ,Behavioral_Elements.Common_Behavior.Stimulus.dispatchAction )' >

<!ENTITY % Behavioral_Elements.Common_Behavior.StimulusCompositions
  '(%Foundation.Core.ModelElementCompositions;
  ,Behavioral_Elements.Common_Behavior.Stimulus.argument*)' >

<!ELEMENT Behavioral_Elements.Common_Behavior.Stimulus (
  %Behavioral_Elements.Common_Behavior.StimulusProperties;
  ,(XMI.extension* , %Behavioral_Elements.Common_Behavior.StimulusAssociations; )
  , %Behavioral_Elements.Common_Behavior.StimulusCompositions; )?>

<!ATTLIST Behavioral_Elements.Common_Behavior.Stimulus %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Common_Behavior.Exception -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Behavioral_Elements.Common_Behavior.ExceptionProperties
  '(%Behavioral_Elements.Common_Behavior.SignalProperties;)' >

<!ENTITY % Behavioral_Elements.Common_Behavior.ExceptionAssociations

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        '(%Behavioral_Elements.Common_Behavior.SignalAssociations;)' >
<!ENTITY % Behavioral_Elements.Common_Behavior.ExceptionCompositions
        '(%Behavioral_Elements.Common_Behavior.SignalCompositions;)' >
<!ELEMENT Behavioral_Elements.Common_Behavior.Exception (
        %Behavioral_Elements.Common_Behavior.ExceptionProperties;
        , (XMI.extension* , %Behavioral_Elements.Common_Behavior.ExceptionAssociations; )
        , %Behavioral_Elements.Common_Behavior.ExceptionCompositions; )?>
<!ATTLIST Behavioral_Elements.Common_Behavior.Exception %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Common_Behavior.ComponentInstance -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.Common_Behavior.ComponentInstance.nodeInstance
        (Behavioral_Elements.Common_Behavior.NodeInstance)?>
<!ELEMENT Behavioral_Elements.Common_Behavior.ComponentInstance.resident
        (Behavioral_Elements.Common_Behavior.ComponentInstance
        |Behavioral_Elements.Common_Behavior.LinkObject
        |Behavioral_Elements.Common_Behavior.NodeInstance
        |Behavioral_Elements.Common_Behavior.DataValue
        |Behavioral_Elements.Common_Behavior.Instance
        |Behavioral_Elements.Common_Behavior.Object
        |Behavioral_Elements.Use_Cases.UseCaseInstance)*>
<!ENTITY % Behavioral_Elements.Common_Behavior.ComponentInstanceProperties
        '(%Behavioral_Elements.Common_Behavior.InstanceProperties;)' >
<!ENTITY % Behavioral_Elements.Common_Behavior.ComponentInstanceAssociations
        '(%Behavioral_Elements.Common_Behavior.InstanceAssociations;
        ,Behavioral_Elements.Common_Behavior.ComponentInstance.nodeInstance?
        ,Behavioral_Elements.Common_Behavior.ComponentInstance.resident*)' >
<!ENTITY % Behavioral_Elements.Common_Behavior.ComponentInstanceCompositions
        '(%Behavioral_Elements.Common_Behavior.InstanceCompositions;)' >
<!ELEMENT Behavioral_Elements.Common_Behavior.ComponentInstance (
        %Behavioral_Elements.Common_Behavior.ComponentInstanceProperties;
        , (XMI.extension* ,
        %Behavioral_Elements.Common_Behavior.ComponentInstanceAssociations; )
        , %Behavioral_Elements.Common_Behavior.ComponentInstanceCompositions; )?>
<!ATTLIST Behavioral_Elements.Common_Behavior.ComponentInstance %XMI.element.att;
        %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Common_Behavior.NodeInstance -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.Common_Behavior.NodeInstance.resident
        (Behavioral_Elements.Common_Behavior.ComponentInstance)*>
<!ENTITY % Behavioral_Elements.Common_Behavior.NodeInstanceProperties
        '(%Behavioral_Elements.Common_Behavior.InstanceProperties;)' >
<!ENTITY % Behavioral_Elements.Common_Behavior.NodeInstanceAssociations
        '(%Behavioral_Elements.Common_Behavior.InstanceAssociations;
        ,Behavioral_Elements.Common_Behavior.NodeInstance.resident*)' >

```

```

<!ENTITY % Behavioral_Elements.Common_Behavior.NodeInstanceCompositions
    '(%Behavioral_Elements.Common_Behavior.InstanceCompositions;)' >

<!ELEMENT Behavioral_Elements.Common_Behavior.NodeInstance (
    %Behavioral_Elements.Common_Behavior.NodeInstanceProperties;
    , (XMI.extension* , %Behavioral_Elements.Common_Behavior.NodeInstanceAssociations; )
    , %Behavioral_Elements.Common_Behavior.NodeInstanceCompositions; )?>

<!ATTLIST Behavioral_Elements.Common_Behavior.NodeInstance %XMI.element.att; %XMI.link.att; >

<!ELEMENT Behavioral_Elements.Common_Behavior ((Behavioral_Elements.Common_Behavior.Instance
    Behavioral_Elements.Common_Behavior.Signal
    Behavioral_Elements.Common_Behavior.CreateAction
    Behavioral_Elements.Common_Behavior.DestroyAction
    Behavioral_Elements.Common_Behavior.UninterpretedAction
    Behavioral_Elements.Common_Behavior.Action
    Behavioral_Elements.Common_Behavior.AttributeLink
    Behavioral_Elements.Common_Behavior.LinkObject
    Behavioral_Elements.Common_Behavior.Object
    Behavioral_Elements.Common_Behavior.DataValue
    Behavioral_Elements.Common_Behavior.CallAction
    Behavioral_Elements.Common_Behavior.SendAction
    Behavioral_Elements.Common_Behavior.ActionSequence
    Behavioral_Elements.Common_Behavior.Argument
    Behavioral_Elements.Common_Behavior.Reception
    Behavioral_Elements.Common_Behavior.Link
    Behavioral_Elements.Common_Behavior.LinkEnd
    Behavioral_Elements.Common_Behavior.ReturnAction
    Behavioral_Elements.Common_Behavior.TerminateAction
    Behavioral_Elements.Common_Behavior.Stimulus
    Behavioral_Elements.Common_Behavior.Exception
    Behavioral_Elements.Common_Behavior.ComponentInstance
    Behavioral_Elements.Common_Behavior.NodeInstance)*)>
<!ATTLIST Behavioral_Elements.Common_Behavior %XMI.element.att; %XMI.link.att;>

<!-- _____ -->
<!-- _____ -->
<!-- PACKAGE: Behavioral_Elements.Use_Cases -->
<!-- _____ -->
<!-- _____ -->

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Use_Cases.UseCase -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.Use_Cases.UseCase.extend2
    (Behavioral_Elements.Use_Cases.Extend)*>

<!ELEMENT Behavioral_Elements.Use_Cases.UseCase.extend
    (Behavioral_Elements.Use_Cases.Extend)*>

<!ELEMENT Behavioral_Elements.Use_Cases.UseCase.include
    (Behavioral_Elements.Use_Cases.Include)*>

<!ELEMENT Behavioral_Elements.Use_Cases.UseCase.include2
    (Behavioral_Elements.Use_Cases.Include)*>

<!ELEMENT Behavioral_Elements.Use_Cases.UseCase.extensionPoint
    (Behavioral_Elements.Use_Cases.ExtensionPoint)*>

<!ENTITY % Behavioral_Elements.Use_Cases.UseCaseProperties

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                '(%Foundation.Core.ClassifierProperties;)' >
<!ENTITY % Behavioral_Elements.Use_Cases.UseCaseAssociations
                '(%Foundation.Core.ClassifierAssociations;
, Behavioral_Elements.Use_Cases.UseCase.extend2*
, Behavioral_Elements.Use_Cases.UseCase.extend*
, Behavioral_Elements.Use_Cases.UseCase.include*
, Behavioral_Elements.Use_Cases.UseCase.include2*
, Behavioral_Elements.Use_Cases.UseCase.extensionPoint*)' >
<!ENTITY % Behavioral_Elements.Use_Cases.UseCaseCompositions
                '(%Foundation.Core.ClassifierCompositions;)' >
<!ELEMENT Behavioral_Elements.Use_Cases.UseCase (
                %Behavioral_Elements.Use_Cases.UseCaseProperties;
, (XMI.extension* , %Behavioral_Elements.Use_Cases.UseCaseAssociations; )
, %Behavioral_Elements.Use_Cases.UseCaseCompositions; )?>
<!ATTLIST Behavioral_Elements.Use_Cases.UseCase %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Use_Cases.Actor -->
<!-- _____ -->
<!-- _____ -->
<!ENTITY % Behavioral_Elements.Use_Cases.ActorProperties
                '(%Foundation.Core.ClassifierProperties;)' >
<!ENTITY % Behavioral_Elements.Use_Cases.ActorAssociations
                '(%Foundation.Core.ClassifierAssociations;)' >
<!ENTITY % Behavioral_Elements.Use_Cases.ActorCompositions
                '(%Foundation.Core.ClassifierCompositions;)' >
<!ELEMENT Behavioral_Elements.Use_Cases.Actor (
                %Behavioral_Elements.Use_Cases.ActorProperties;
, (XMI.extension* , %Behavioral_Elements.Use_Cases.ActorAssociations; )
, %Behavioral_Elements.Use_Cases.ActorCompositions; )?>
<!ATTLIST Behavioral_Elements.Use_Cases.Actor %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Use_Cases.UseCaseInstance -->
<!-- _____ -->
<!-- _____ -->
<!ENTITY % Behavioral_Elements.Use_Cases.UseCaseInstanceProperties
                '(%Behavioral_Elements.Common_Behavior.InstanceProperties;)' >
<!ENTITY % Behavioral_Elements.Use_Cases.UseCaseInstanceAssociations
                '(%Behavioral_Elements.Common_Behavior.InstanceAssociations;)' >
<!ENTITY % Behavioral_Elements.Use_Cases.UseCaseInstanceCompositions
                '(%Behavioral_Elements.Common_Behavior.InstanceCompositions;)' >
<!ELEMENT Behavioral_Elements.Use_Cases.UseCaseInstance (
                %Behavioral_Elements.Use_Cases.UseCaseInstanceProperties;
, (XMI.extension* , %Behavioral_Elements.Use_Cases.UseCaseInstanceAssociations; )
, %Behavioral_Elements.Use_Cases.UseCaseInstanceCompositions; )?>
<!ATTLIST Behavioral_Elements.Use_Cases.UseCaseInstance %XMI.element.att; %XMI.link.att; >

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```

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Use_Cases.Extend -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.Use_Cases.Extend.condition
      (Foundation.Data_Types.BooleanExpression)>

<!ELEMENT Behavioral_Elements.Use_Cases.Extend.base (Behavioral_Elements.Use_Cases.UseCase) >

<!ELEMENT Behavioral_Elements.Use_Cases.Extend.extension
      (Behavioral_Elements.Use_Cases.UseCase) >

<!ELEMENT Behavioral_Elements.Use_Cases.Extend.extensionPoint
      (Behavioral_Elements.Use_Cases.ExtensionPoint)+>

<!ENTITY % Behavioral_Elements.Use_Cases.ExtendProperties
      '(%Foundation.Core.RelationshipProperties;
        ,Behavioral_Elements.Use_Cases.Extend.condition )' >

<!ENTITY % Behavioral_Elements.Use_Cases.ExtendAssociations
      '(%Foundation.Core.RelationshipAssociations;
        ,Behavioral_Elements.Use_Cases.Extend.base
        ,Behavioral_Elements.Use_Cases.Extend.extension
        ,Behavioral_Elements.Use_Cases.Extend.extensionPoint+)' >

<!ENTITY % Behavioral_Elements.Use_Cases.ExtendCompositions
      '(%Foundation.Core.RelationshipCompositions;)' >

<!ELEMENT Behavioral_Elements.Use_Cases.Extend (
      %Behavioral_Elements.Use_Cases.ExtendProperties;
      ,(XMI.extension* , %Behavioral_Elements.Use_Cases.ExtendAssociations; )
      , %Behavioral_Elements.Use_Cases.ExtendCompositions; )?>

<!ATTLIST Behavioral_Elements.Use_Cases.Extend %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Use_Cases.Include -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.Use_Cases.Include.addition
      (Behavioral_Elements.Use_Cases.UseCase) >

<!ELEMENT Behavioral_Elements.Use_Cases.Include.base (Behavioral_Elements.Use_Cases.UseCase)
      >

<!ENTITY % Behavioral_Elements.Use_Cases.IncludeProperties
      '(%Foundation.Core.RelationshipProperties;)' >

<!ENTITY % Behavioral_Elements.Use_Cases.IncludeAssociations
      '(%Foundation.Core.RelationshipAssociations;
        ,Behavioral_Elements.Use_Cases.Include.addition
        ,Behavioral_Elements.Use_Cases.Include.base )' >

<!ENTITY % Behavioral_Elements.Use_Cases.IncludeCompositions
      '(%Foundation.Core.RelationshipCompositions;)' >

<!ELEMENT Behavioral_Elements.Use_Cases.Include (
      %Behavioral_Elements.Use_Cases.IncludeProperties;
      ,(XMI.extension* , %Behavioral_Elements.Use_Cases.IncludeAssociations; )
      , %Behavioral_Elements.Use_Cases.IncludeCompositions; )?>

<!ATTLIST Behavioral_Elements.Use_Cases.Include %XMI.element.att; %XMI.link.att; >

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<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Use_Cases.ExtensionPoint -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.Use_Cases.ExtensionPoint.location (#PCDATA|XMI.reference)*>
<!ELEMENT Behavioral_Elements.Use_Cases.ExtensionPoint.useCase
      (Behavioral_Elements.Use_Cases.UseCase) >
<!ELEMENT Behavioral_Elements.Use_Cases.ExtensionPoint.extend
      (Behavioral_Elements.Use_Cases.Extend)*>
<!ENTITY % Behavioral_Elements.Use_Cases.ExtensionPointProperties
      '(%Foundation.Core.ModelElementProperties;
        ,Behavioral_Elements.Use_Cases.ExtensionPoint.location )' >
<!ENTITY % Behavioral_Elements.Use_Cases.ExtensionPointAssociations
      '(%Foundation.Core.ModelElementAssociations;
        ,Behavioral_Elements.Use_Cases.ExtensionPoint.useCase
        ,Behavioral_Elements.Use_Cases.ExtensionPoint.extend*)' >
<!ENTITY % Behavioral_Elements.Use_Cases.ExtensionPointCompositions
      '(%Foundation.Core.ModelElementCompositions;)' >
<!ELEMENT Behavioral_Elements.Use_Cases.ExtensionPoint (
      %Behavioral_Elements.Use_Cases.ExtensionPointProperties;
      , (XMI.extension* , %Behavioral_Elements.Use_Cases.ExtensionPointAssociations; )
      , %Behavioral_Elements.Use_Cases.ExtensionPointCompositions; )?>
<!ATTLIST Behavioral_Elements.Use_Cases.ExtensionPoint %XMI.element.att; %XMI.link.att; >
<!ELEMENT Behavioral_Elements.Use_Cases ((Behavioral_Elements.Use_Cases.UseCase
      |Behavioral_Elements.Use_Cases.Actor
      |Behavioral_Elements.Use_Cases.UseCaseInstance
      |Behavioral_Elements.Use_Cases.Extend
      |Behavioral_Elements.Use_Cases.Include
      |Behavioral_Elements.Use_Cases.ExtensionPoint)*>
<!ATTLIST Behavioral_Elements.Use_Cases %XMI.element.att; %XMI.link.att;>

<!-- _____ -->
<!-- _____ -->
<!-- PACKAGE: Behavioral_Elements.State_Machines -->
<!-- _____ -->
<!-- _____ -->

<!-- ***** Behavioral_Elements.State_Machines.A_state1_entry ***** -->
<!ELEMENT Behavioral_Elements.State_Machines.State.entry (
      Behavioral_Elements.Common_Behavior.ActionSequence
      |Behavioral_Elements.Common_Behavior.DestroyAction
      |Behavioral_Elements.Common_Behavior.TerminateAction
      |Behavioral_Elements.Common_Behavior.CallAction
      |Behavioral_Elements.Common_Behavior.CreateAction
      |Behavioral_Elements.Common_Behavior.ReturnAction
      |Behavioral_Elements.Common_Behavior.Action
      |Behavioral_Elements.Common_Behavior.UninterpretedAction)? >

<!-- ***** Behavioral_Elements.State_Machines.A_state2_exit ***** -->

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<!ELEMENT Behavioral_Elements.State_Machines.State.exit (
    Behavioral_Elements.Common_Behavior.ActionSequence
| Behavioral_Elements.Common_Behavior.DestroyAction
| Behavioral_Elements.Common_Behavior.TerminateAction
| Behavioral_Elements.Common_Behavior.CallAction
| Behavioral_Elements.Common_Behavior.CreateAction
| Behavioral_Elements.Common_Behavior.ReturnAction
| Behavioral_Elements.Common_Behavior.Action
| Behavioral_Elements.Common_Behavior.UninterpretedAction)? >

<!-- ***** Behavioral_Elements.State_Machines.A_event_parameter ***** -->
<!ELEMENT Behavioral_Elements.State_Machines.Event.parameter ( Foundation.Core.Parameter)* >

<!-- ***** Behavioral_Elements.State_Machines.A_guard_transition ***** -->
<!ELEMENT Behavioral_Elements.State_Machines.Transition.guard (
    Behavioral_Elements.State_Machines.Guard)? >

<!-- ***** Behavioral_Elements.State_Machines.A_behavior_context ***** -->
<!ELEMENT Behavioral_Elements.State_Machines.A_behavior_context.behavior (XMI.reference)* >

<!-- ***** Behavioral_Elements.State_Machines.A_top_stateMachine ***** -->
<!ELEMENT Behavioral_Elements.State_Machines.StateMachine.top (
    Behavioral_Elements.State_Machines.State
| Behavioral_Elements.State_Machines.CompositeState
| Behavioral_Elements.State_Machines.SubmachineState
| Behavioral_Elements.Activity_Graphs.ObjectFlowState
| Behavioral_Elements.Activity_Graphs.SubactivityState
| Behavioral_Elements.Activity_Graphs.ActionState
| Behavioral_Elements.Activity_Graphs.CallState
| Behavioral_Elements.State_Machines.FinalState
| Behavioral_Elements.State_Machines.SimpleState) >

<!-- ***** Behavioral_Elements.State_Machines.A_container_subvertex ***** -->
<!ELEMENT Behavioral_Elements.State_Machines.CompositeState.subvertex (
    Behavioral_Elements.State_Machines.State
| Behavioral_Elements.State_Machines.CompositeState
| Behavioral_Elements.State_Machines.SubmachineState
| Behavioral_Elements.Activity_Graphs.ObjectFlowState
| Behavioral_Elements.Activity_Graphs.SubactivityState
| Behavioral_Elements.Activity_Graphs.ActionState
| Behavioral_Elements.Activity_Graphs.CallState
| Behavioral_Elements.State_Machines.FinalState
| Behavioral_Elements.State_Machines.SynchState
| Behavioral_Elements.State_Machines.StubState
| Behavioral_Elements.State_Machines.Pseudostate
| Behavioral_Elements.State_Machines.StateVertex
| Behavioral_Elements.State_Machines.SimpleState)* >

<!-- ***** Behavioral_Elements.State_Machines.A_transition_effect ***** -->
<!ELEMENT Behavioral_Elements.State_Machines.Transition.effect (
    Behavioral_Elements.Common_Behavior.ActionSequence
| Behavioral_Elements.Common_Behavior.DestroyAction
| Behavioral_Elements.Common_Behavior.TerminateAction
| Behavioral_Elements.Common_Behavior.CallAction
| Behavioral_Elements.Common_Behavior.CreateAction

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|Behavioral_Elements.Common_Behavior.ReturnAction
|Behavioral_Elements.Common_Behavior.Action
|Behavioral_Elements.Common_Behavior.UninterpretedAction)? >

<!-- ***** Behavioral_Elements.State_Machines.A_state_internalTransition ***** -->
<!ELEMENT Behavioral_Elements.State_Machines.State.internalTransition (
    Behavioral_Elements.State_Machines.Transition)* >

<!-- ***** Behavioral_Elements.State_Machines.A_transition_trigger ***** -->
<!ELEMENT Behavioral_Elements.State_Machines.Transition.trigger (
    Behavioral_Elements.State_Machines.Event
|Behavioral_Elements.State_Machines.CallEvent
|Behavioral_Elements.State_Machines.TimeEvent
|Behavioral_Elements.State_Machines.ChangeEvent
|Behavioral_Elements.State_Machines.SignalEvent)? >

<!-- ***** Behavioral_Elements.State_Machines.A_stateMachine_transitions ***** -->
<!ELEMENT Behavioral_Elements.State_Machines.StateMachine.transitions (
    Behavioral_Elements.State_Machines.Transition)* >

<!-- ***** Behavioral_Elements.State_Machines.A_state3_doActivity ***** -->
<!ELEMENT Behavioral_Elements.State_Machines.State.doActivity (
    Behavioral_Elements.Common_Behavior.ActionSequence
|Behavioral_Elements.Common_Behavior.DestroyAction
|Behavioral_Elements.Common_Behavior.TerminateAction
|Behavioral_Elements.Common_Behavior.CallAction
|Behavioral_Elements.Common_Behavior.CreateAction
|Behavioral_Elements.Common_Behavior.ReturnAction
|Behavioral_Elements.Common_Behavior.Action
|Behavioral_Elements.Common_Behavior.UninterpretedAction)? >

<!-- ----- -->
<!-- ----- -->
<!-- CLASS: Behavioral_Elements.State_Machines.StateMachine ----- -->
<!-- ----- -->
<!-- ----- -->

<!ELEMENT Behavioral_Elements.State_Machines.StateMachine.context
    (Transformation.TransformationMap
|Transformation.TransformationTree
|Transformation.TransformationTask
|Transformation.TransformationStep
|XML.ElementType
|WarehouseProcess.WarehouseProcess
|WarehouseProcess.Events.CascadeEvent
|WarehouseProcess.Events.CalendarDate
|WarehouseProcess.Events.RetryEvent
|Foundation.Core.Binding
|Foundation.Core.Comment
|Foundation.Core.Feature
|WarehouseDeployment.DeployedComponent
|MDDB.Dimension
|WarehouseDeployment.ProviderConnection
|XML.Attribute
|CWMFoundation.Telephone
|CWMFoundation.TypeAlias
|CWMFoundation.UniqueKey
|CWMFoundation.Document

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CWMFoundation.EmailID  
 CWMFoundation.Location  
 Model\_Management.Model  
 Foundation.Core.Class  
 Foundation.Core.Method  
 Foundation.Core.Usage  
 XML.MixedContent  
 Model\_Management.Package  
 RecordOriented.RecordFile  
 WarehouseProcess.Events.RecurringPointInTimeEvent  
 Transformation.ClassMap  
 CWMFoundation.Description  
 CWMFoundation.FeatureNode  
 CWMFoundation.ElementNode  
 CWMFoundation.Enumeration  
 CWMFoundation.UnionMember  
 CWMFoundation.ContactInfo  
 CWMFoundation.ConstantNode  
 Relational.SQLDistinctType  
 Relational.SQLIndexColumn  
 Foundation.Core.Flow  
 Foundation.Core.Node  
 Relational.UniqueConstraint  
 WarehouseDeployment.SoftwareSystem  
 MDDB.DimensionedObject  
 CWMFoundation.EnumerationLiteral  
 Olap.Hierarchy  
 Olap.MemberSelection  
 RecordOriented.FieldValueCondition  
 Relational.SQLDataType  
 XML.ElementContent  
 RecordOriented.Record  
 Relational.SQLIndex  
 Relational.SQLQuery  
 Relational.BaseTable  
 Relational.ColumnSet  
 Relational.Procedure  
 Relational.ForeignKey  
 Behavioral\_Elements.Common\_Behavior.Link  
 Behavioral\_Elements.State\_Machines.Event  
 Behavioral\_Elements.State\_Machines.Guard  
 Behavioral\_Elements.State\_Machines.State  
 Transformation.DataObjectSet  
 Olap.Measure  
 Relational.SQLSimpleType  
 WarehouseOperation.ActivityExecution  
 Transformation.Transformation  
 Model\_Management.Subsystem  
 Foundation.Core.Classifier  
 Foundation.Core.Operation  
 Foundation.Core.Component  
 Foundation.Core.Namespace  
 Foundation.Core.Constraint  
 Foundation.Core.Dependency  
 Foundation.Core.Parameter  
 Foundation.Core.Permission  
 Foundation.Core.Abstraction  
 Foundation.Core.Association  
 Foundation.Core.Attribute  
 Foundation.Core.Interface  
 CWMFoundation.DataTypeMapping  
 Foundation.Core.AssociationClass  
 CWMFoundation.KeyRelationship  
 CWMFoundation.ResponsibleParty  
 XML.Schema  
 CWMFoundation.IndexedFeature  
 CWMFoundation.ExpressionNode

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RecordOriented.Field  
 RecordOriented.Group  
 Behavioral\_Elements.Collaborations.ClassifierRole  
 Behavioral\_Elements.Collaborations.AssociationEndRole  
 Behavioral\_Elements.Collaborations.AssociationRole  
 Behavioral\_Elements.State\_Machines.CompositeState  
 Behavioral\_Elements.State\_Machines.SubmachineState  
 Behavioral\_Elements.Common\_Behavior.ActionSequence  
 Behavioral\_Elements.Common\_Behavior.AttributeLink  
 Behavioral\_Elements.Common\_Behavior.ComponentInstance  
 Behavioral\_Elements.Common\_Behavior.DestroyAction  
 Behavioral\_Elements.Common\_Behavior.TerminateAction  
 Behavioral\_Elements.Activity\_Graphs.ActivityGraph  
 Behavioral\_Elements.Activity\_Graphs.ClassifierInState  
 Behavioral\_Elements.Activity\_Graphs.ObjectFlowState  
 Behavioral\_Elements.Activity\_Graphs.SubactivityState  
 Behavioral\_Elements.Activity\_Graphs.ActionState  
 WarehouseOperation.Measurement  
 Behavioral\_Elements.Use\_Cases.Include  
 Behavioral\_Elements.Use\_Cases.UseCase  
 Relational.Table  
 Behavioral\_Elements.Collaborations.Interaction  
 Behavioral\_Elements.Common\_Behavior.CallAction  
 Behavioral\_Elements.Common\_Behavior.LinkObject  
 Olap.ValueBasedHierarchy  
 WarehouseDeployment.Site  
 Relational.View  
 Olap.CodedLevel  
 WarehouseProcess.Events.CustomCalendar  
 WarehouseProcess.Events.ExternalEvent  
 WarehouseProcess.Events.IntervalEvent  
 WarehouseProcess.Events.ScheduleEvent  
 WarehouseProcess.Events.WarehouseEvent  
 RecordOriented.FixedOffsetField  
 Behavioral\_Elements.Collaborations.Collaboration  
 Behavioral\_Elements.Common\_Behavior.CreateAction  
 Behavioral\_Elements.Common\_Behavior.NodeInstance  
 Behavioral\_Elements.Common\_Behavior.ReturnAction  
 Olap.CubeDimensionAssociation  
 Olap.DimensionMap  
 Olap.HierarchyMap  
 Transformation.PrecedenceConstrainedBy  
 Transformation.TransformationActivity  
 Transformation.AttributeMap  
 XML.Content  
 Olap.LevelBasedHierarchy  
 Olap.Dimension  
 Olap.Cube  
 Relational.SQLStructuredType  
 Olap.LevelMap  
 WarehouseDeployment.DataProvider  
 WarehouseDeployment.DataResource  
 Olap.Schema  
 WarehouseDeployment.Machine  
 WarehouseOperation.ChangeRequest  
 Foundation.Extension\_Mechanisms.Stereotype  
 WarehouseOperation.StepExecution  
 WarehouseProcess.Events.PointInTimeEvent  
 WarehouseProcess.Events.CustomCalendarEvent  
 Foundation.Core.DataType  
 MDDB.Schema  
 Foundation.Core.ModelElement  
 Foundation.Core.Relationship  
 Foundation.Core.Generalization  
 Foundation.Core.AssociationEnd  
 Behavioral\_Elements.Activity\_Graphs.CallState  
 Behavioral\_Elements.Activity\_Graphs.Partition

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Behavioral_Elements.Collaborations.Message
Behavioral_Elements.Common_Behavior.LinkEnd
Behavioral_Elements.Common_Behavior.DataValue
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Object
Behavioral_Elements.Common_Behavior.Argument
Behavioral_Elements.Common_Behavior.Action
Behavioral_Elements.Common_Behavior.Exception
Behavioral_Elements.Common_Behavior.Stimulus
Foundation.Core.BehavioralFeature
Behavioral_Elements.State_Machines.CallEvent
Behavioral_Elements.State_Machines.FinalState
Behavioral_Elements.State_Machines.SynchState
Behavioral_Elements.State_Machines.StubState
Behavioral_Elements.State_Machines.Transition
Behavioral_Elements.State_Machines.TimeEvent
Behavioral_Elements.Use_Cases.ExtensionPoint
Behavioral_Elements.Use_Cases.UseCaseInstance
Foundation.Core.GeneralizableElement
Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema
Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation)?>

<!ELEMENT Behavioral_Elements.State_Machines.StateMachine.subMachineState
      (Behavioral_Elements.State_Machines.SubmachineState
      |Behavioral_Elements.Activity_Graphs.SubactivityState)*>

<!ENTITY % Behavioral_Elements.State_Machines.StateMachineProperties
      '(%Foundation.Core.ModelElementProperties;)' >

<!ENTITY % Behavioral_Elements.State_Machines.StateMachineAssociations
      '(%Foundation.Core.ModelElementAssociations;
      ,Behavioral_Elements.State_Machines.StateMachine.context?
      ,Behavioral_Elements.State_Machines.StateMachine.subMachineState*)' >

<!ENTITY % Behavioral_Elements.State_Machines.StateMachineCompositions
      '(%Foundation.Core.ModelElementCompositions;
      ,Behavioral_Elements.State_Machines.StateMachine.top
      ,Behavioral_Elements.State_Machines.StateMachine.transitions*)' >

<!ELEMENT Behavioral_Elements.State_Machines.StateMachine (
      %Behavioral_Elements.State_Machines.StateMachineProperties;
      ,(XMI.extension* , %Behavioral_Elements.State_Machines.StateMachineAssociations; )
      , %Behavioral_Elements.State_Machines.StateMachineCompositions; )?>

<!ATTLIST Behavioral_Elements.State_Machines.StateMachine %XMI.element.att; %XMI.link.att; >

<!-- _____ -->

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<!--                                     -->
<!-- CLASS: Behavioral_Elements.State_Machines.Event                -->
<!--                                     -->
<!--                                     -->
<!--                                     -->

<!ELEMENT Behavioral_Elements.State_Machines.Event.state
      (Behavioral_Elements.State_Machines.State
      |Behavioral_Elements.State_Machines.CompositeState
      |Behavioral_Elements.State_Machines.SubmachineState
      |Behavioral_Elements.Activity_Graphs.ObjectFlowState
      |Behavioral_Elements.Activity_Graphs.SubactivityState
      |Behavioral_Elements.Activity_Graphs.ActionState
      |Behavioral_Elements.Activity_Graphs.CallState
      |Behavioral_Elements.State_Machines.FinalState
      |Behavioral_Elements.State_Machines.SimpleState)*>

<!ELEMENT Behavioral_Elements.State_Machines.Event.transition
      (Behavioral_Elements.State_Machines.Transition)*>

<!ENTITY % Behavioral_Elements.State_Machines.EventProperties
      '(%Foundation.Core.ModelElementProperties;)' >

<!ENTITY % Behavioral_Elements.State_Machines.EventAssociations
      '(%Foundation.Core.ModelElementAssociations;
      ,Behavioral_Elements.State_Machines.Event.state*
      ,Behavioral_Elements.State_Machines.Event.transition*)' >

<!ENTITY % Behavioral_Elements.State_Machines.EventCompositions
      '(%Foundation.Core.ModelElementCompositions;
      ,Behavioral_Elements.State_Machines.Event.parameter*)' >

<!ELEMENT Behavioral_Elements.State_Machines.Event (
      %Behavioral_Elements.State_Machines.EventProperties;
      ,(XMI.extension* , %Behavioral_Elements.State_Machines.EventAssociations; )
      , %Behavioral_Elements.State_Machines.EventCompositions; )?>

<!ATTLIST Behavioral_Elements.State_Machines.Event %XMI.element.att; %XMI.link.att; >

<!--                                     -->
<!--                                     -->
<!-- CLASS: Behavioral_Elements.State_Machines.StateVertex        -->
<!--                                     -->
<!--                                     -->
<!--                                     -->

<!ELEMENT Behavioral_Elements.State_Machines.StateVertex.container
      (Behavioral_Elements.State_Machines.CompositeState
      |Behavioral_Elements.State_Machines.SubmachineState
      |Behavioral_Elements.Activity_Graphs.SubactivityState)?>

<!ELEMENT Behavioral_Elements.State_Machines.StateVertex.outgoing
      (Behavioral_Elements.State_Machines.Transition)*>

<!ELEMENT Behavioral_Elements.State_Machines.StateVertex.incoming
      (Behavioral_Elements.State_Machines.Transition)*>

<!ENTITY % Behavioral_Elements.State_Machines.StateVertexProperties
      '(%Foundation.Core.ModelElementProperties;)' >

<!ENTITY % Behavioral_Elements.State_Machines.StateVertexAssociations
      '(%Foundation.Core.ModelElementAssociations;
      ,Behavioral_Elements.State_Machines.StateVertex.container?
      ,Behavioral_Elements.State_Machines.StateVertex.outgoing*
      ,Behavioral_Elements.State_Machines.StateVertex.incoming*)' >

<!ENTITY % Behavioral_Elements.State_Machines.StateVertexCompositions
      '(%Foundation.Core.ModelElementCompositions;)' >

```

```

<!ELEMENT Behavioral_Elements.State_Machines.StateVertex (
    %Behavioral_Elements.State_Machines.StateVertexProperties;
    ,(XMI.extension* , %Behavioral_Elements.State_Machines.StateVertexAssociations; )
    , %Behavioral_Elements.State_Machines.StateVertexCompositions; )?>

<!-- Behavioral_Elements.State_Machines.StateVertex %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.State_Machines.State -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.State_Machines.State.stateMachine
    (Behavioral_Elements.Activity_Graphs.ActivityGraph
    |Behavioral_Elements.State_Machines.StateMachine)?>

<!ELEMENT Behavioral_Elements.State_Machines.State.deferrableEvent
    (Behavioral_Elements.State_Machines.Event
    |Behavioral_Elements.State_Machines.CallEvent
    |Behavioral_Elements.State_Machines.TimeEvent
    |Behavioral_Elements.State_Machines.ChangeEvent
    |Behavioral_Elements.State_Machines.SignalEvent)*>

<!ENTITY % Behavioral_Elements.State_Machines.StateProperties
    '(%Behavioral_Elements.State_Machines.StateVertexProperties;)' >

<!ENTITY % Behavioral_Elements.State_Machines.StateAssociations
    '(%Behavioral_Elements.State_Machines.StateVertexAssociations;
    ,Behavioral_Elements.State_Machines.State.stateMachine?
    ,Behavioral_Elements.State_Machines.State.deferrableEvent*)' >

<!ENTITY % Behavioral_Elements.State_Machines.StateCompositions
    '(%Behavioral_Elements.State_Machines.StateVertexCompositions;
    ,Behavioral_Elements.State_Machines.State.entry?
    ,Behavioral_Elements.State_Machines.State.exit?
    ,Behavioral_Elements.State_Machines.State.internalTransition*
    ,Behavioral_Elements.State_Machines.State.doActivity?)' >

<!ELEMENT Behavioral_Elements.State_Machines.State (
    %Behavioral_Elements.State_Machines.StateProperties;
    ,(XMI.extension* , %Behavioral_Elements.State_Machines.StateAssociations; )
    , %Behavioral_Elements.State_Machines.StateCompositions; )?>

<!-- Behavioral_Elements.State_Machines.State %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.State_Machines.TimeEvent -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.State_Machines.TimeEvent.when
    (Foundation.Data_Types.TimeExpression)>

<!ENTITY % Behavioral_Elements.State_Machines.TimeEventProperties
    '(%Behavioral_Elements.State_Machines.EventProperties;
    ,Behavioral_Elements.State_Machines.TimeEvent.when )' >

<!ENTITY % Behavioral_Elements.State_Machines.TimeEventAssociations
    '(%Behavioral_Elements.State_Machines.EventAssociations;)' >

<!ENTITY % Behavioral_Elements.State_Machines.TimeEventCompositions
    '(%Behavioral_Elements.State_Machines.EventCompositions;)' >

```

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<!ELEMENT Behavioral_Elements.State_Machines.TimeEvent (
    %Behavioral_Elements.State_Machines.TimeEventProperties;
    ,(XMI.extension* , %Behavioral_Elements.State_Machines.TimeEventAssociations; )
    , %Behavioral_Elements.State_Machines.TimeEventCompositions; )?>

<!ATTLIST Behavioral_Elements.State_Machines.TimeEvent %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.State_Machines.CallEvent -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.State_Machines.CallEvent.operation (Foundation.Core.Operation)
>

<!ENTITY % Behavioral_Elements.State_Machines.CallEventProperties
    '(%Behavioral_Elements.State_Machines.EventProperties;)' >

<!ENTITY % Behavioral_Elements.State_Machines.CallEventAssociations
    '(%Behavioral_Elements.State_Machines.EventAssociations;
    ,Behavioral_Elements.State_Machines.CallEvent.operation )' >

<!ENTITY % Behavioral_Elements.State_Machines.CallEventCompositions
    '(%Behavioral_Elements.State_Machines.EventCompositions;)' >

<!ELEMENT Behavioral_Elements.State_Machines.CallEvent (
    %Behavioral_Elements.State_Machines.CallEventProperties;
    ,(XMI.extension* , %Behavioral_Elements.State_Machines.CallEventAssociations; )
    , %Behavioral_Elements.State_Machines.CallEventCompositions; )?>

<!ATTLIST Behavioral_Elements.State_Machines.CallEvent %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.State_Machines.SignalEvent -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.State_Machines.SignalEvent.signal
    (Behavioral_Elements.Common_Behavior.Signal
    |Behavioral_Elements.Common_Behavior.Exception) >

<!ENTITY % Behavioral_Elements.State_Machines.SignalEventProperties
    '(%Behavioral_Elements.State_Machines.EventProperties;)' >

<!ENTITY % Behavioral_Elements.State_Machines.SignalEventAssociations
    '(%Behavioral_Elements.State_Machines.EventAssociations;
    ,Behavioral_Elements.State_Machines.SignalEvent.signal )' >

<!ENTITY % Behavioral_Elements.State_Machines.SignalEventCompositions
    '(%Behavioral_Elements.State_Machines.EventCompositions;)' >

<!ELEMENT Behavioral_Elements.State_Machines.SignalEvent (
    %Behavioral_Elements.State_Machines.SignalEventProperties;
    ,(XMI.extension* , %Behavioral_Elements.State_Machines.SignalEventAssociations; )
    , %Behavioral_Elements.State_Machines.SignalEventCompositions; )?>

<!ATTLIST Behavioral_Elements.State_Machines.SignalEvent %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.State_Machines.Transition -->

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<!--                                     -->
<!--                                     -->

<!ELEMENT Behavioral_Elements.State_Machines.Transition.state
    (Behavioral_Elements.State_Machines.State
    |Behavioral_Elements.State_Machines.CompositeState
    |Behavioral_Elements.State_Machines.SubmachineState
    |Behavioral_Elements.Activity_Graphs.ObjectFlowState
    |Behavioral_Elements.Activity_Graphs.SubactivityState
    |Behavioral_Elements.Activity_Graphs.ActionState
    |Behavioral_Elements.Activity_Graphs.CallState
    |Behavioral_Elements.State_Machines.FinalState
    |Behavioral_Elements.State_Machines.SimpleState)?>

<!ELEMENT Behavioral_Elements.State_Machines.Transition.stateMachine
    (Behavioral_Elements.Activity_Graphs.ActivityGraph
    |Behavioral_Elements.State_Machines.StateMachine)?>

<!ELEMENT Behavioral_Elements.State_Machines.Transition.source
    (Behavioral_Elements.State_Machines.State
    |Behavioral_Elements.State_Machines.CompositeState
    |Behavioral_Elements.State_Machines.SubmachineState
    |Behavioral_Elements.Activity_Graphs.ObjectFlowState
    |Behavioral_Elements.Activity_Graphs.SubactivityState
    |Behavioral_Elements.Activity_Graphs.ActionState
    |Behavioral_Elements.Activity_Graphs.CallState
    |Behavioral_Elements.State_Machines.FinalState
    |Behavioral_Elements.State_Machines.SynchState
    |Behavioral_Elements.State_Machines.StubState
    |Behavioral_Elements.State_Machines.Pseudostate
    |Behavioral_Elements.State_Machines.StateVertex
    |Behavioral_Elements.State_Machines.SimpleState) >

<!ELEMENT Behavioral_Elements.State_Machines.Transition.target
    (Behavioral_Elements.State_Machines.State
    |Behavioral_Elements.State_Machines.CompositeState
    |Behavioral_Elements.State_Machines.SubmachineState
    |Behavioral_Elements.Activity_Graphs.ObjectFlowState
    |Behavioral_Elements.Activity_Graphs.SubactivityState
    |Behavioral_Elements.Activity_Graphs.ActionState
    |Behavioral_Elements.Activity_Graphs.CallState
    |Behavioral_Elements.State_Machines.FinalState
    |Behavioral_Elements.State_Machines.SynchState
    |Behavioral_Elements.State_Machines.StubState
    |Behavioral_Elements.State_Machines.Pseudostate
    |Behavioral_Elements.State_Machines.StateVertex
    |Behavioral_Elements.State_Machines.SimpleState) >

<!ENTITY % Behavioral_Elements.State_Machines.TransitionProperties
    '(%Foundation.Core.ModelElementProperties;)' >

<!ENTITY % Behavioral_Elements.State_Machines.TransitionAssociations
    '(%Foundation.Core.ModelElementAssociations;
    ,Behavioral_Elements.State_Machines.Transition.state?
    ,Behavioral_Elements.State_Machines.Transition.stateMachine?
    ,Behavioral_Elements.State_Machines.Transition.source
    ,Behavioral_Elements.State_Machines.Transition.target )' >

<!ENTITY % Behavioral_Elements.State_Machines.TransitionCompositions
    '(%Foundation.Core.ModelElementCompositions;
    ,Behavioral_Elements.State_Machines.Transition.guard?
    ,Behavioral_Elements.State_Machines.Transition.effect?
    ,Behavioral_Elements.State_Machines.Transition.trigger?)' >

<!ELEMENT Behavioral_Elements.State_Machines.Transition (
    %Behavioral_Elements.State_Machines.TransitionProperties;
    , (XMI.extension* , %Behavioral_Elements.State_Machines.TransitionAssociations; )

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        , %Behavioral_Elements.State_Machines.TransitionCompositions; )?>
<!ATTLIST Behavioral_Elements.State_Machines.Transition %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.State_Machines.CompositeState -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.State_Machines.CompositeState.isConcurrent EMPTY>
<!ATTLIST Behavioral_Elements.State_Machines.CompositeState.isConcurrent
    xmi.value ( true | false ) #REQUIRED>

<!ENTITY % Behavioral_Elements.State_Machines.CompositeStateProperties
    '(%Behavioral_Elements.State_Machines.StateProperties;
    ,Behavioral_Elements.State_Machines.CompositeState.isConcurrent )' >

<!ENTITY % Behavioral_Elements.State_Machines.CompositeStateAssociations
    '(%Behavioral_Elements.State_Machines.StateAssociations;)' >

<!ENTITY % Behavioral_Elements.State_Machines.CompositeStateCompositions
    '(%Behavioral_Elements.State_Machines.StateCompositions;
    ,Behavioral_Elements.State_Machines.CompositeState.subvertex*)' >

<!ELEMENT Behavioral_Elements.State_Machines.CompositeState (
    %Behavioral_Elements.State_Machines.CompositeStateProperties;
    , (XMI.extension* , %Behavioral_Elements.State_Machines.CompositeStateAssociations; )
    , %Behavioral_Elements.State_Machines.CompositeStateCompositions; )?>

<!ATTLIST Behavioral_Elements.State_Machines.CompositeState %XMI.element.att; %XMI.link.att;
    >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.State_Machines.ChangeEvent -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.State_Machines.ChangeEvent.changeExpression
    (Foundation.Data_Types.BooleanExpression)>

<!ENTITY % Behavioral_Elements.State_Machines.ChangeEventProperties
    '(%Behavioral_Elements.State_Machines.EventProperties;
    ,Behavioral_Elements.State_Machines.ChangeEvent.changeExpression )' >

<!ENTITY % Behavioral_Elements.State_Machines.ChangeEventAssociations
    '(%Behavioral_Elements.State_Machines.EventAssociations;)' >

<!ENTITY % Behavioral_Elements.State_Machines.ChangeEventCompositions
    '(%Behavioral_Elements.State_Machines.EventCompositions;)' >

<!ELEMENT Behavioral_Elements.State_Machines.ChangeEvent (
    %Behavioral_Elements.State_Machines.ChangeEventProperties;
    , (XMI.extension* , %Behavioral_Elements.State_Machines.ChangeEventAssociations; )
    , %Behavioral_Elements.State_Machines.ChangeEventCompositions; )?>

<!ATTLIST Behavioral_Elements.State_Machines.ChangeEvent %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.State_Machines.Guard -->
<!-- _____ -->
<!-- _____ -->

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<!ELEMENT Behavioral_Elements.State_Machines.Guard.expression
    (Foundation.Data_Types.BooleanExpression)>

<!ELEMENT Behavioral_Elements.State_Machines.Guard.transition
    (Behavioral_Elements.State_Machines.Transition) >

<!ENTITY % Behavioral_Elements.State_Machines.GuardProperties
    '(%Foundation.Core.ModelElementProperties;
    ,Behavioral_Elements.State_Machines.Guard.expression )' >

<!ENTITY % Behavioral_Elements.State_Machines.GuardAssociations
    '(%Foundation.Core.ModelElementAssociations;
    ,Behavioral_Elements.State_Machines.Guard.transition?)' >

<!ENTITY % Behavioral_Elements.State_Machines.GuardCompositions
    '(%Foundation.Core.ModelElementCompositions;)' >

<!ELEMENT Behavioral_Elements.State_Machines.Guard (
    %Behavioral_Elements.State_Machines.GuardProperties;
    ,(XMI.extension* , %Behavioral_Elements.State_Machines.GuardAssociations; )
    , %Behavioral_Elements.State_Machines.GuardCompositions; )?>

<!ATTLIST Behavioral_Elements.State_Machines.Guard %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.State_Machines.Pseudostate -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.State_Machines.Pseudostate.kind EMPTY>
<!ATTLIST Behavioral_Elements.State_Machines.Pseudostate.kind
    %Foundation.Data_Types.PseudostateKind;>

<!ENTITY % Behavioral_Elements.State_Machines.PseudostateProperties
    '(%Behavioral_Elements.State_Machines.StateVertexProperties;
    ,Behavioral_Elements.State_Machines.Pseudostate.kind )' >

<!ENTITY % Behavioral_Elements.State_Machines.PseudostateAssociations
    '(%Behavioral_Elements.State_Machines.StateVertexAssociations;)' >

<!ENTITY % Behavioral_Elements.State_Machines.PseudostateCompositions
    '(%Behavioral_Elements.State_Machines.StateVertexCompositions;)' >

<!ELEMENT Behavioral_Elements.State_Machines.Pseudostate (
    %Behavioral_Elements.State_Machines.PseudostateProperties;
    ,(XMI.extension* , %Behavioral_Elements.State_Machines.PseudostateAssociations; )
    , %Behavioral_Elements.State_Machines.PseudostateCompositions; )?>

<!ATTLIST Behavioral_Elements.State_Machines.Pseudostate %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.State_Machines.SimpleState -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Behavioral_Elements.State_Machines.SimpleStateProperties
    '(%Behavioral_Elements.State_Machines.StateProperties;)' >

<!ENTITY % Behavioral_Elements.State_Machines.SimpleStateAssociations
    '(%Behavioral_Elements.State_Machines.StateAssociations;)' >

<!ENTITY % Behavioral_Elements.State_Machines.SimpleStateCompositions

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        '(%Behavioral_Elements.State_Machines.StateCompositions;)' >
<!ELEMENT Behavioral_Elements.State_Machines.SimpleState (
    %Behavioral_Elements.State_Machines.SimpleStateProperties;
    ,(XMI.extension* , %Behavioral_Elements.State_Machines.SimpleStateAssociations; )
    , %Behavioral_Elements.State_Machines.SimpleStateCompositions; )?>
<!ATTLIST Behavioral_Elements.State_Machines.SimpleState %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.State_Machines.SubmachineState -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.State_Machines.SubmachineState.submachine
    (Behavioral_Elements.Activity_Graphs.ActivityGraph
    |Behavioral_Elements.State_Machines.StateMachine) >
<!ENTITY % Behavioral_Elements.State_Machines.SubmachineStateProperties
    '(%Behavioral_Elements.State_Machines.CompositeStateProperties;)' >
<!ENTITY % Behavioral_Elements.State_Machines.SubmachineStateAssociations
    '(%Behavioral_Elements.State_Machines.CompositeStateAssociations;
    ,Behavioral_Elements.State_Machines.SubmachineState.submachine )' >
<!ENTITY % Behavioral_Elements.State_Machines.SubmachineStateCompositions
    '(%Behavioral_Elements.State_Machines.CompositeStateCompositions;)' >
<!ELEMENT Behavioral_Elements.State_Machines.SubmachineState (
    %Behavioral_Elements.State_Machines.SubmachineStateProperties;
    ,(XMI.extension* , %Behavioral_Elements.State_Machines.SubmachineStateAssociations; )
    , %Behavioral_Elements.State_Machines.SubmachineStateCompositions; )?>
<!ATTLIST Behavioral_Elements.State_Machines.SubmachineState %XMI.element.att; %XMI.link.att;
    >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.State_Machines.SynchState -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.State_Machines.SynchState.bound (#PCDATA|XMI.reference)*>
<!ENTITY % Behavioral_Elements.State_Machines.SynchStateProperties
    '(%Behavioral_Elements.State_Machines.StateVertexProperties;
    ,Behavioral_Elements.State_Machines.SynchState.bound )' >
<!ENTITY % Behavioral_Elements.State_Machines.SynchStateAssociations
    '(%Behavioral_Elements.State_Machines.StateVertexAssociations;)' >
<!ENTITY % Behavioral_Elements.State_Machines.SynchStateCompositions
    '(%Behavioral_Elements.State_Machines.StateVertexCompositions;)' >
<!ELEMENT Behavioral_Elements.State_Machines.SynchState (
    %Behavioral_Elements.State_Machines.SynchStateProperties;
    ,(XMI.extension* , %Behavioral_Elements.State_Machines.SynchStateAssociations; )
    , %Behavioral_Elements.State_Machines.SynchStateCompositions; )?>
<!ATTLIST Behavioral_Elements.State_Machines.SynchState %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->

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<!-- CLASS: Behavioral_Elements.State_Machines.StubState -->
<!-- -->
<!-- ----- -->

<!ELEMENT Behavioral_Elements.State_Machines.StubState.referenceState
      (#PCDATA|XMI.reference)*>

<!ENTITY % Behavioral_Elements.State_Machines.StubStateProperties
      '(%Behavioral_Elements.State_Machines.StateVertexProperties;
        ,Behavioral_Elements.State_Machines.StubState.referenceState )' >

<!ENTITY % Behavioral_Elements.State_Machines.StubStateAssociations
      '(%Behavioral_Elements.State_Machines.StateVertexAssociations;)' >

<!ENTITY % Behavioral_Elements.State_Machines.StubStateCompositions
      '(%Behavioral_Elements.State_Machines.StateVertexCompositions;)' >

<!ELEMENT Behavioral_Elements.State_Machines.StubState (
      %Behavioral_Elements.State_Machines.StubStateProperties;
      , (XMI.extension* , %Behavioral_Elements.State_Machines.StubStateAssociations; )
      , %Behavioral_Elements.State_Machines.StubStateCompositions; )?>

<!ATTLIST Behavioral_Elements.State_Machines.StubState %XMI.element.att; %XMI.link.att; >

<!-- ----- -->
<!-- -->
<!-- CLASS: Behavioral_Elements.State_Machines.FinalState -->
<!-- -->
<!-- ----- -->

<!ENTITY % Behavioral_Elements.State_Machines.FinalStateProperties
      '(%Behavioral_Elements.State_Machines.StateProperties;)' >

<!ENTITY % Behavioral_Elements.State_Machines.FinalStateAssociations
      '(%Behavioral_Elements.State_Machines.StateAssociations;)' >

<!ENTITY % Behavioral_Elements.State_Machines.FinalStateCompositions
      '(%Behavioral_Elements.State_Machines.StateCompositions;)' >

<!ELEMENT Behavioral_Elements.State_Machines.FinalState (
      %Behavioral_Elements.State_Machines.FinalStateProperties;
      , (XMI.extension* , %Behavioral_Elements.State_Machines.FinalStateAssociations; )
      , %Behavioral_Elements.State_Machines.FinalStateCompositions; )?>

<!ATTLIST Behavioral_Elements.State_Machines.FinalState %XMI.element.att; %XMI.link.att; >

<!ELEMENT Behavioral_Elements.State_Machines
      ((Behavioral_Elements.State_Machines.StateMachine
        Behavioral_Elements.State_Machines.Event
        Behavioral_Elements.State_Machines.State
        Behavioral_Elements.State_Machines.TimeEvent
        Behavioral_Elements.State_Machines.CallEvent
        Behavioral_Elements.State_Machines.SignalEvent
        Behavioral_Elements.State_Machines.Transition
        Behavioral_Elements.State_Machines.StateVertex
        Behavioral_Elements.State_Machines.CompositeState
        Behavioral_Elements.State_Machines.ChangeEvent
        Behavioral_Elements.State_Machines.Guard
        Behavioral_Elements.State_Machines.Pseudostate
        Behavioral_Elements.State_Machines.SimpleState
        Behavioral_Elements.State_Machines.SubmachineState
        Behavioral_Elements.State_Machines.SynchState
        Behavioral_Elements.State_Machines.StubState
        Behavioral_Elements.State_Machines.FinalState)*>
<!ATTLIST Behavioral_Elements.State_Machines %XMI.element.att; %XMI.link.att; >

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<!-- _____ -->
<!-- _____ -->
<!-- PACKAGE: Behavioral_Elements.Collaborations -->
<!-- _____ -->
<!-- _____ -->

<!-- ***** Behavioral_Elements.Collaborations.A_interaction_message ***** -->
<!ELEMENT Behavioral_Elements.Collaborations.Interaction.message (
    Behavioral_Elements.Collaborations.Message)+ >

<!-- ***** Behavioral_Elements.Collaborations.A_context_interaction ***** -->
<!ELEMENT Behavioral_Elements.Collaborations.Collaboration.interaction (
    Behavioral_Elements.Collaborations.Interaction)* >

<!-- ***** Behavioral_Elements.Collaborations.A_classifierRole_availableFeature *****
-->
<!ELEMENT Behavioral_Elements.Collaborations.ClassifierRole.availableFeature (
    Foundation.Core.Feature
    XML.Attribute
    Foundation.Core.Method
    CWMFoundation.UnionMember
    MDDB.DimensionedObject
    Relational.Procedure
    Olap.Measure
    Foundation.Core.Operation
    Foundation.Core.Attribute
    RecordOriented.Field
    RecordOriented.FixedOffsetField
    Behavioral_Elements.Common_Behavior.Reception
    Foundation.Core.BehavioralFeature
    Foundation.Core.StructuralFeature
    Relational.Column)* >

<!-- ***** Behavioral_Elements.Collaborations.A_classifierRole_availableContents *****
-->
<!ELEMENT Behavioral_Elements.Collaborations.ClassifierRole.availableContents (
    Transformation.TransformationMap
    Transformation.TransformationTree
    Transformation.TransformationTask
    Transformation.TransformationStep
    XML.ElementType
    WarehouseProcess.WarehouseProcess
    WarehouseProcess.Events.CascadeEvent
    WarehouseProcess.Events.CalendarDate
    WarehouseProcess.Events.RetryEvent
    Foundation.Core.Binding
    Foundation.Core.Comment
    Foundation.Core.Feature
    WarehouseDeployment.DeployedComponent
    MDDB.Dimension
    WarehouseDeployment.ProviderConnection
    XML.Attribute
    CWMFoundation.Telephone
    CWMFoundation.TypeAlias
    CWMFoundation.UniqueKey
    CWMFoundation.Document
    CWMFoundation.EMailID

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CWMFoundation.Location  
 Model\_Management.Model  
 Foundation.Core.Class  
 Foundation.Core.Method  
 Foundation.Core.Usage  
 XML.MixedContent  
 Model\_Management.Package  
 RecordOriented.RecordFile  
 WarehouseProcess.Events.RecurringPointInTimeEvent  
 Transformation.ClassMap  
 CWMFoundation.Description  
 CWMFoundation.FeatureNode  
 CWMFoundation.ElementNode  
 CWMFoundation.Enumeration  
 CWMFoundation.UnionMember  
 CWMFoundation.ContactInfo  
 CWMFoundation.ConstantNode  
 Relational.SQLDistinctType  
 Relational.SQLIndexColumn  
 Foundation.Core.Flow  
 Foundation.Core.Node  
 Relational.UniqueConstraint  
 WarehouseDeployment.SoftwareSystem  
 MDDB.DimensionedObject  
 CWMFoundation.EnumerationLiteral  
 Olap.Hierarchy  
 Olap.MemberSelection  
 RecordOriented.FieldValueCondition  
 Relational.SQLDataType  
 XML.ElementContent  
 RecordOriented.Record  
 Relational.SQLIndex  
 Relational.SQLQuery  
 Relational.BaseTable  
 Relational.ColumnSet  
 Relational.Procedure  
 Relational.ForeignKey  
 Behavioral\_Elements.Common\_Behavior.Link  
 Behavioral\_Elements.State\_Machines.Event  
 Behavioral\_Elements.State\_Machines.Guard  
 Behavioral\_Elements.State\_Machines.State  
 Transformation.DataObjectSet  
 Olap.Measure  
 Relational.SQLSimpleType  
 WarehouseOperation.ActivityExecution  
 Transformation.Transformation  
 Model\_Management.Subsystem  
 Foundation.Core.Classifier  
 Foundation.Core.Operation  
 Foundation.Core.Component  
 Foundation.Core.Namespace  
 Foundation.Core.Constraint  
 Foundation.Core.Dependency  
 Foundation.Core.Parameter  
 Foundation.Core.Permission  
 Foundation.Core.Abstraction  
 Foundation.Core.Association  
 Foundation.Core.Attribute  
 Foundation.Core.Interface  
 CWMFoundation.DataTypeMapping  
 Foundation.Core.AssociationClass  
 CWMFoundation.KeyRelationship  
 CWMFoundation.ResponsibleParty  
 XML.Schema  
 CWMFoundation.IndexedFeature  
 CWMFoundation.ExpressionNode  
 RecordOriented.Field

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RecordOriented.Group  
 Behavioral\_Elements.Collaborations.ClassifierRole  
 Behavioral\_Elements.Collaborations.AssociationEndRole  
 Behavioral\_Elements.Collaborations.AssociationRole  
 Behavioral\_Elements.State\_Machines.CompositeState  
 Behavioral\_Elements.State\_Machines.SubmachineState  
 Behavioral\_Elements.Common\_Behavior.ActionSequence  
 Behavioral\_Elements.Common\_Behavior.AttributeLink  
 Behavioral\_Elements.Common\_Behavior.ComponentInstance  
 Behavioral\_Elements.Common\_Behavior.DestroyAction  
 Behavioral\_Elements.Common\_Behavior.TerminateAction  
 Behavioral\_Elements.Activity\_Graphs.ActivityGraph  
 Behavioral\_Elements.Activity\_Graphs.ClassifierInState  
 Behavioral\_Elements.Activity\_Graphs.ObjectFlowState  
 Behavioral\_Elements.Activity\_Graphs.SubactivityState  
 Behavioral\_Elements.Activity\_Graphs.ActionState  
 WarehouseOperation.Measurement  
 Behavioral\_Elements.Use\_Cases.Include  
 Behavioral\_Elements.Use\_Cases.UseCase  
 Relational.Table  
 Behavioral\_Elements.Collaborations.Interaction  
 Behavioral\_Elements.Common\_Behavior.CallAction  
 Behavioral\_Elements.Common\_Behavior.LinkObject  
 Olap.ValueBasedHierarchy  
 WarehouseDeployment.Site  
 Relational.View  
 Olap.CodedLevel  
 WarehouseProcess.Events.CustomCalendar  
 WarehouseProcess.Events.ExternalEvent  
 WarehouseProcess.Events.IntervalEvent  
 WarehouseProcess.Events.ScheduleEvent  
 WarehouseProcess.Events.WarehouseEvent  
 RecordOriented.FixedOffsetField  
 Behavioral\_Elements.Collaborations.Collaboration  
 Behavioral\_Elements.Common\_Behavior.CreateAction  
 Behavioral\_Elements.Common\_Behavior.NodeInstance  
 Behavioral\_Elements.Common\_Behavior.ReturnAction  
 Olap.CubeDimensionAssociation  
 Olap.DimensionMap  
 Olap.HierarchyMap  
 Transformation.PrecedenceConstrainedBy  
 Transformation.TransformationActivity  
 Transformation.AttributeMap  
 XML.Content  
 Olap.LevelBasedHierarchy  
 Olap.Dimension  
 Olap.Cube  
 Relational.SQLStructuredType  
 Olap.LevelMap  
 WarehouseDeployment.DataProvider  
 WarehouseDeployment.DataResource  
 Olap.Schema  
 WarehouseDeployment.Machine  
 WarehouseOperation.ChangeRequest  
 Foundation.Extension\_Mechanisms.Stereotype  
 WarehouseOperation.StepExecution  
 WarehouseProcess.Events.PointInTimeEvent  
 WarehouseProcess.Events.CustomCalendarEvent  
 Foundation.Core.DataType  
 MDDB.Schema  
 Foundation.Core.ModelElement  
 Foundation.Core.Relationship  
 Foundation.Core.Generalization  
 Foundation.Core.AssociationEnd  
 Behavioral\_Elements.Activity\_Graphs.CallState  
 Behavioral\_Elements.Activity\_Graphs.Partition  
 Behavioral\_Elements.Collaborations.Message

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Behavioral_Elements.Common_Behavior.LinkEnd
Behavioral_Elements.Common_Behavior.DataValue
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Object
Behavioral_Elements.Common_Behavior.Argument
Behavioral_Elements.Common_Behavior.Action
Behavioral_Elements.Common_Behavior.Exception
Behavioral_Elements.Common_Behavior.Stimulus
Foundation.Core.BehavioralFeature
Behavioral_Elements.State_Machines.CallEvent
Behavioral_Elements.State_Machines.FinalState
Behavioral_Elements.State_Machines.SynchState
Behavioral_Elements.State_Machines.StubState
Behavioral_Elements.State_Machines.Transition
Behavioral_Elements.State_Machines.TimeEvent
Behavioral_Elements.Use_Cases.ExtensionPoint
Behavioral_Elements.Use_Cases.UseCaseInstance
Foundation.Core.GeneralizableElement
Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema
Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation)* >

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<!-- ***** Behavioral_Elements.Collaborations.A_associationEndRole_availableQualifier
***** -->

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<!ELEMENT Behavioral_Elements.Collaborations.AssociationEndRole.availableQualifier (
    XML.Attribute
    CWMFoundation.UnionMember
    MDDB.DimensionedObject
    Olap.Measure
    Foundation.Core.Attribute
    RecordOriented.Field
    RecordOriented.FixedOffsetField
    Relational.Column)* >

```

```

<!-- ***** Behavioral_Elements.Collaborations.A_collaboration_constrainingElement
***** -->

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```

<!ELEMENT Behavioral_Elements.Collaborations.Collaboration.constrainingElement (
    Transformation.TransformationMap
    Transformation.TransformationTree
    Transformation.TransformationTask
    Transformation.TransformationStep
    XML.ElementType
    WarehouseProcess.WarehouseProcess
    WarehouseProcess.Events.CascadeEvent
    WarehouseProcess.Events.CalendarDate

```

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WarehouseProcess.Events.RetryEvent  
Foundation.Core.Binding  
Foundation.Core.Comment  
Foundation.Core.Feature  
WarehouseDeployment.DeployedComponent  
MDDB.Dimension  
WarehouseDeployment.ProviderConnection  
XML.Attribute  
CWMFoundation.Telephone  
CWMFoundation.TypeAlias  
CWMFoundation.UniqueKey  
CWMFoundation.Document  
CWMFoundation.EMailID  
CWMFoundation.Location  
Model\_Management.Model  
Foundation.Core.Class  
Foundation.Core.Method  
Foundation.Core.Usage  
XML.MixedContent  
Model\_Management.Package  
RecordOriented.RecordFile  
WarehouseProcess.Events.RecurringPointInTimeEvent  
Transformation.ClassMap  
CWMFoundation.Description  
CWMFoundation.FeatureNode  
CWMFoundation.ElementNode  
CWMFoundation.Enumeration  
CWMFoundation.UnionMember  
CWMFoundation.ContactInfo  
CWMFoundation.ConstantNode  
Relational.SQLDistinctType  
Relational.SQLIndexColumn  
Foundation.Core.Flow  
Foundation.Core.Node  
Relational.UniqueConstraint  
WarehouseDeployment.SoftwareSystem  
MDDB.DimensionedObject  
CWMFoundation.EnumerationLiteral  
Olap.Hierarchy  
Olap.MemberSelection  
RecordOriented.FieldValueCondition  
Relational.SQLDataType  
XML.ElementContent  
RecordOriented.Record  
Relational.SQLIndex  
Relational.SQLQuery  
Relational.BaseTable  
Relational.ColumnSet  
Relational.Procedure  
Relational.ForeignKey  
Behavioral\_Elements.Common\_Behavior.Link  
Behavioral\_Elements.State\_Machines.Event  
Behavioral\_Elements.State\_Machines.Guard  
Behavioral\_Elements.State\_Machines.State  
Transformation.DataObjectSet  
Olap.Measure  
Relational.SQLSimpleType  
WarehouseOperation.ActivityExecution  
Transformation.Transformation  
Model\_Management.Subsystem  
Foundation.Core.Classifier  
Foundation.Core.Operation  
Foundation.Core.Component  
Foundation.Core.Namespace  
Foundation.Core.Constraint  
Foundation.Core.Dependency  
Foundation.Core.Parameter

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Foundation.Core.Permission
Foundation.Core.Abstraction
Foundation.Core.Association
Foundation.Core.Attribute
Foundation.Core.Interface
CWMFoundation.DataTypeMapping
Foundation.Core.AssociationClass
CWMFoundation.KeyRelationship
CWMFoundation.ResponsibleParty
XML.Schema
CWMFoundation.IndexedFeature
CWMFoundation.ExpressionNode
RecordOriented.Field
RecordOriented.Group
Behavioral_Elements.Collaborations.ClassifierRole
Behavioral_Elements.Collaborations.AssociationEndRole
Behavioral_Elements.Collaborations.AssociationRole
Behavioral_Elements.State_Machines.CompositeState
Behavioral_Elements.State_Machines.SubmachineState
Behavioral_Elements.Common_Behavior.ActionSequence
Behavioral_Elements.Common_Behavior.AttributeLink
Behavioral_Elements.Common_Behavior.ComponentInstance
Behavioral_Elements.Common_Behavior.DestroyAction
Behavioral_Elements.Common_Behavior.TerminateAction
Behavioral_Elements.Activity_Graphs.ActivityGraph
Behavioral_Elements.Activity_Graphs.ClassifierInState
Behavioral_Elements.Activity_Graphs.ObjectFlowState
Behavioral_Elements.Activity_Graphs.SubactivityState
Behavioral_Elements.Activity_Graphs.ActionState
WarehouseOperation.Measurement
Behavioral_Elements.Use_Cases.Include
Behavioral_Elements.Use_Cases.UseCase
Relational.Table
Behavioral_Elements.Collaborations.Interaction
Behavioral_Elements.Common_Behavior.CallAction
Behavioral_Elements.Common_Behavior.LinkObject
Olap.ValueBasedHierarchy
WarehouseDeployment.Site
Relational.View
Olap.CodedLevel
WarehouseProcess.Events.CustomCalendar
WarehouseProcess.Events.ExternalEvent
WarehouseProcess.Events.IntervalEvent
WarehouseProcess.Events.ScheduleEvent
WarehouseProcess.Events.WarehouseEvent
RecordOriented.FixedOffsetField
Behavioral_Elements.Collaborations.Collaboration
Behavioral_Elements.Common_Behavior.CreateAction
Behavioral_Elements.Common_Behavior.NodeInstance
Behavioral_Elements.Common_Behavior.ReturnAction
Olap.CubeDimensionAssociation
Olap.DimensionMap
Olap.HierarchyMap
Transformation.PrecedenceConstrainedBy
Transformation.TransformationActivity
Transformation.AttributeMap
XML.Content
Olap.LevelBasedHierarchy
Olap.Dimension
Olap.Cube
Relational.SQLStructuredType
Olap.LevelMap
WarehouseDeployment.DataProvider
WarehouseDeployment.DataResource
Olap.Schema
WarehouseDeployment.Machine
WarehouseOperation.ChangeRequest

```

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Foundation.Extension_Mechanisms.Stereotype
WarehouseOperation.StepExecution
WarehouseProcess.Events.PointInTimeEvent
WarehouseProcess.Events.CustomCalendarEvent
Foundation.Core.DataType
MDDB.Schema
Foundation.Core.ModelElement
Foundation.Core.Relationship
Foundation.Core.Generalization
Foundation.Core.AssociationEnd
Behavioral_Elements.Activity_Graphs.CallState
Behavioral_Elements.Activity_Graphs.Partition
Behavioral_Elements.Collaborations.Message
Behavioral_Elements.Common_Behavior.LinkEnd
Behavioral_Elements.Common_Behavior.DataValue
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Object
Behavioral_Elements.Common_Behavior.Argument
Behavioral_Elements.Common_Behavior.Action
Behavioral_Elements.Common_Behavior.Exception
Behavioral_Elements.Common_Behavior.Stimulus
Foundation.Core.BehavioralFeature
Behavioral_Elements.State_Machines.CallEvent
Behavioral_Elements.State_Machines.FinalState
Behavioral_Elements.State_Machines.SynchState
Behavioral_Elements.State_Machines.StubState
Behavioral_Elements.State_Machines.Transition
Behavioral_Elements.State_Machines.TimeEvent
Behavioral_Elements.Use_Cases.ExtensionPoint
Behavioral_Elements.Use_Cases.UseCaseInstance
Foundation.Core.GeneralizableElement
Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema
Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation)* >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Collaborations.Collaboration -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.Collaborations.Collaboration.representedClassifier
      (Transformation.TransformationTask
      |XML.ElementType
      |MDDB.Dimension
      |CWMFoundation.TypeAlias
      |Foundation.Core.Class
      |CWMFoundation Enumeration

```

```

Relational.SQLDistinctType
Foundation.Core.Node
WarehouseDeployment.SoftwareSystem
Olap.Hierarchy
Olap.MemberSelection
Relational.SQLDataType
RecordOriented.Record
Relational.SQLQuery
Relational.BaseTable
Relational.ColumnSet
Relational.SQLSimpleType
Model_Management.Subsystem
Foundation.Core.Classifier
Foundation.Core.Component
Foundation.Core.Interface
Foundation.Core.AssociationClass
RecordOriented.Group
Behavioral_Elements.Collaborations.ClassifierRole
Behavioral_Elements.Activity_Graphs.ClassifierInState
Behavioral_Elements.Use_Cases.UseCase
Relational.Table
Olap.ValueBasedHierarchy
Relational.View
Olap.CodedLevel
Olap.CubeDimensionAssociation
Transformation.TransformationActivity
Olap.LevelBasedHierarchy
Olap.Dimension
Olap.Cube
Relational.SQLStructuredType
Foundation.Core.DataType
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Exception
Olap.Level
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Union
Olap.HierarchyLevelAssociation)?>

<!ELEMENT Behavioral_Elements.Collaborations.Collaboration.representedOperation
        (Foundation.Core.Operation)?>

<!ENTITY % Behavioral_Elements.Collaborations.CollaborationProperties
        '(%Foundation.Core.NamespaceProperties;
        ,Foundation.Core.GeneralizableElement.isRoot
        ,Foundation.Core.GeneralizableElement.isLeaf
        ,Foundation.Core.GeneralizableElement.isAbstract )' >

<!ENTITY % Behavioral_Elements.Collaborations.CollaborationAssociations
        '(%Foundation.Core.NamespaceAssociations;
        ,Foundation.Core.GeneralizableElement.generalization*
        ,Foundation.Core.GeneralizableElement.specialization*
        ,Behavioral_Elements.Collaborations.Collaboration.representedClassifier?
        ,Behavioral_Elements.Collaborations.Collaboration.representedOperation?)' >

<!ENTITY % Behavioral_Elements.Collaborations.CollaborationCompositions
        '(%Foundation.Core.NamespaceCompositions;
        ,Behavioral_Elements.Collaborations.Collaboration.interaction*
        ,Behavioral_Elements.Collaborations.Collaboration.constrainingElement*)' >

<!ELEMENT Behavioral_Elements.Collaborations.Collaboration (
        %Behavioral_Elements.Collaborations.CollaborationProperties;
        , (XMI.extension* , %Behavioral_Elements.Collaborations.CollaborationAssociations; )
        , %Behavioral_Elements.Collaborations.CollaborationCompositions; )?>

<!ATTLIST Behavioral_Elements.Collaborations.Collaboration %XMI.element.att; %XMI.link.att; >

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<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Collaborations.ClassifierRole -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.Collaborations.ClassifierRole.multiplicity
      (Foundation.Data_Types.Multiplicity)>

<!ELEMENT Behavioral_Elements.Collaborations.ClassifierRole.base
      (Transformation.TransformationTask
      XML.ElementType
      MDDB.Dimension
      CWMFoundation.TypeAlias
      Foundation.Core.Class
      CWMFoundation.Enumeration
      Relational.SQLDistinctType
      Foundation.Core.Node
      WarehouseDeployment.SoftwareSystem
      Olap.Hierarchy
      Olap.MemberSelection
      Relational.SQLDataType
      RecordOriented.Record
      Relational.SQLQuery
      Relational.BaseTable
      Relational.ColumnSet
      Relational.SQLSimpleType
      Model_Management.Subsystem
      Foundation.Core.Classifier
      Foundation.Core.Component
      Foundation.Core.Interface
      Foundation.Core.AssociationClass
      RecordOriented.Group
      Behavioral_Elements.Collaborations.ClassifierRole
      Behavioral_Elements.Activity_Graphs.ClassifierInState
      Behavioral_Elements.Use_Cases.UseCase
      Relational.Table
      Olap.ValueBasedHierarchy
      Relational.View
      Olap.CodedLevel
      Olap.CubeDimensionAssociation
      Transformation.TransformationActivity
      Olap.LevelBasedHierarchy
      Olap.Dimension
      Olap.Cube
      Relational.SQLStructuredType
      Foundation.Core.DataType
      Behavioral_Elements.Common_Behavior.Signal
      Behavioral_Elements.Common_Behavior.Exception
      Olap.Level
      Olap.CubeRegion
      Behavioral_Elements.Use_Cases.Actor
      CWMFoundation.Union
      Olap.HierarchyLevelAssociation)+>

<!ELEMENT Behavioral_Elements.Collaborations.ClassifierRole.message2
      (Behavioral_Elements.Collaborations.Message)*>

<!ELEMENT Behavioral_Elements.Collaborations.ClassifierRole.message1
      (Behavioral_Elements.Collaborations.Message)*>

<!ENTITY % Behavioral_Elements.Collaborations.ClassifierRoleProperties
      '(%Foundation.Core.ClassifierProperties;
      ,Behavioral_Elements.Collaborations.ClassifierRole.multiplicity )' >

<!ENTITY % Behavioral_Elements.Collaborations.ClassifierRoleAssociations

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```

        '(%Foundation.Core.ClassifierAssociations;
,Behavioral_Elements.Collaborations.ClassifierRole.base+
,Behavioral_Elements.Collaborations.ClassifierRole.message2*
,Behavioral_Elements.Collaborations.ClassifierRole.message1*)' >
<!ENTITY % Behavioral_Elements.Collaborations.ClassifierRoleCompositions
        '(%Foundation.Core.ClassifierCompositions;
,Behavioral_Elements.Collaborations.ClassifierRole.availableFeature*
,Behavioral_Elements.Collaborations.ClassifierRole.availableContents*)' >
<!ELEMENT Behavioral_Elements.Collaborations.ClassifierRole (
        %Behavioral_Elements.Collaborations.ClassifierRoleProperties;
        ,(XMI.extension* , %Behavioral_Elements.Collaborations.ClassifierRoleAssociations; )
        , %Behavioral_Elements.Collaborations.ClassifierRoleCompositions; )?>
<!ATTLIST Behavioral_Elements.Collaborations.ClassifierRole %XMI.element.att; %XMI.link.att;
        >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Collaborations.AssociationRole -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.Collaborations.AssociationRole.multiplicity
        (Foundation.Data_Types.Multiplicity)>

<!ELEMENT Behavioral_Elements.Collaborations.AssociationRole.base
        (Foundation.Core.Association
|Foundation.Core.AssociationClass
|Behavioral_Elements.Collaborations.AssociationRole)?>

<!ELEMENT Behavioral_Elements.Collaborations.AssociationRole.message
        (Behavioral_Elements.Collaborations.Message)*>

<!ENTITY % Behavioral_Elements.Collaborations.AssociationRoleProperties
        '(%Foundation.Core.AssociationProperties;
,Behavioral_Elements.Collaborations.AssociationRole.multiplicity )' >
<!ENTITY % Behavioral_Elements.Collaborations.AssociationRoleAssociations
        '(%Foundation.Core.AssociationAssociations;
,Behavioral_Elements.Collaborations.AssociationRole.base?
,Behavioral_Elements.Collaborations.AssociationRole.message*)' >
<!ENTITY % Behavioral_Elements.Collaborations.AssociationRoleCompositions
        '(%Foundation.Core.AssociationCompositions;)' >
<!ELEMENT Behavioral_Elements.Collaborations.AssociationRole (
        %Behavioral_Elements.Collaborations.AssociationRoleProperties;
        ,(XMI.extension* , %Behavioral_Elements.Collaborations.AssociationRoleAssociations; )
        , %Behavioral_Elements.Collaborations.AssociationRoleCompositions; )?>
<!ATTLIST Behavioral_Elements.Collaborations.AssociationRole %XMI.element.att; %XMI.link.att;
        >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Collaborations.AssociationEndRole -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.Collaborations.AssociationEndRole.collaborationMultiplicity
        (Foundation.Data_Types.Multiplicity)>

<!ELEMENT Behavioral_Elements.Collaborations.AssociationEndRole.base

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```

        (Behavioral_Elements.Collaborations.AssociationEndRole
|Foundation.Core.AssociationEnd)?>
<!ENTITY % Behavioral_Elements.Collaborations.AssociationEndRoleProperties
        '(%Foundation.Core.AssociationEndProperties;
        ,Behavioral_Elements.Collaborations.AssociationEndRole.collaborationMultiplicity )' >
<!ENTITY % Behavioral_Elements.Collaborations.AssociationEndRoleAssociations
        '(%Foundation.Core.AssociationEndAssociations;
        ,Behavioral_Elements.Collaborations.AssociationEndRole.base?)' >
<!ENTITY % Behavioral_Elements.Collaborations.AssociationEndRoleCompositions
        '(%Foundation.Core.AssociationEndCompositions;
        ,Behavioral_Elements.Collaborations.AssociationEndRole.availableQualifier*)' >
<!ELEMENT Behavioral_Elements.Collaborations.AssociationEndRole (
        %Behavioral_Elements.Collaborations.AssociationEndRoleProperties;
        , (XMI.extension* ,
        %Behavioral_Elements.Collaborations.AssociationEndRoleAssociations;
        , %Behavioral_Elements.Collaborations.AssociationEndRoleCompositions; )?>
<!ATTLIST Behavioral_Elements.Collaborations.AssociationEndRole %XMI.element.att;
        %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Collaborations.Message -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.Collaborations.Message.interaction
        (Behavioral_Elements.Collaborations.Interaction) >
<!ELEMENT Behavioral_Elements.Collaborations.Message.activator
        (Behavioral_Elements.Collaborations.Message)?>
<!ELEMENT Behavioral_Elements.Collaborations.Message.message4
        (Behavioral_Elements.Collaborations.Message)*>
<!ELEMENT Behavioral_Elements.Collaborations.Message.sender
        (Behavioral_Elements.Collaborations.ClassifierRole) >
<!ELEMENT Behavioral_Elements.Collaborations.Message.receiver
        (Behavioral_Elements.Collaborations.ClassifierRole) >
<!ELEMENT Behavioral_Elements.Collaborations.Message.message3
        (Behavioral_Elements.Collaborations.Message)*>
<!ELEMENT Behavioral_Elements.Collaborations.Message.predecessor
        (Behavioral_Elements.Collaborations.Message)*>
<!ELEMENT Behavioral_Elements.Collaborations.Message.communicationConnection
        (Behavioral_Elements.Collaborations.AssociationRole)?>
<!ELEMENT Behavioral_Elements.Collaborations.Message.action
        (Behavioral_Elements.Common_Behavior.ActionSequence
|Behavioral_Elements.Common_Behavior.DestroyAction
|Behavioral_Elements.Common_Behavior.TerminateAction
|Behavioral_Elements.Common_Behavior.CallAction
|Behavioral_Elements.Common_Behavior.CreateAction
|Behavioral_Elements.Common_Behavior.ReturnAction
|Behavioral_Elements.Common_Behavior.Action
|Behavioral_Elements.Common_Behavior.UninterpretedAction) >
<!ENTITY % Behavioral_Elements.Collaborations.MessageProperties
        '(%Foundation.Core.ModelElementProperties;)' >

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```

<!ENTITY % Behavioral_Elements.Collaborations.MessageAssociations
    '(%Foundation.Core.ModelElementAssociations;
    ,Behavioral_Elements.Collaborations.Message.interaction?
    ,Behavioral_Elements.Collaborations.Message.activator?
    ,Behavioral_Elements.Collaborations.Message.message4*
    ,Behavioral_Elements.Collaborations.Message.sender
    ,Behavioral_Elements.Collaborations.Message.receiver
    ,Behavioral_Elements.Collaborations.Message.message3*
    ,Behavioral_Elements.Collaborations.Message.predecessor*
    ,Behavioral_Elements.Collaborations.Message.communicationConnection?
    ,Behavioral_Elements.Collaborations.Message.action )' >

<!ENTITY % Behavioral_Elements.Collaborations.MessageCompositions
    '(%Foundation.Core.ModelElementCompositions;)' >

<!ELEMENT Behavioral_Elements.Collaborations.Message (
    %Behavioral_Elements.Collaborations.MessageProperties;
    ,(XMI.extension* , %Behavioral_Elements.Collaborations.MessageAssociations; )
    , %Behavioral_Elements.Collaborations.MessageCompositions; )?>

<!ATTLIST Behavioral_Elements.Collaborations.Message %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Collaborations.Interaction -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.Collaborations.Interaction.context
    (Behavioral_Elements.Collaborations.Collaboration) >

<!ENTITY % Behavioral_Elements.Collaborations.InteractionProperties
    '(%Foundation.Core.ModelElementProperties;)' >

<!ENTITY % Behavioral_Elements.Collaborations.InteractionAssociations
    '(%Foundation.Core.ModelElementAssociations;
    ,Behavioral_Elements.Collaborations.Interaction.context?)' >

<!ENTITY % Behavioral_Elements.Collaborations.InteractionCompositions
    '(%Foundation.Core.ModelElementCompositions;
    ,Behavioral_Elements.Collaborations.Interaction.message+)' >

<!ELEMENT Behavioral_Elements.Collaborations.Interaction (
    %Behavioral_Elements.Collaborations.InteractionProperties;
    ,(XMI.extension* , %Behavioral_Elements.Collaborations.InteractionAssociations; )
    , %Behavioral_Elements.Collaborations.InteractionCompositions; )?>

<!ATTLIST Behavioral_Elements.Collaborations.Interaction %XMI.element.att; %XMI.link.att; >

<!ELEMENT Behavioral_Elements.Collaborations
    ((Behavioral_Elements.Collaborations.Collaboration
    |Behavioral_Elements.Collaborations.ClassifierRole
    |Behavioral_Elements.Collaborations.AssociationRole
    |Behavioral_Elements.Collaborations.AssociationEndRole
    |Behavioral_Elements.Collaborations.Message
    |Behavioral_Elements.Collaborations.Interaction)*)>
<!ATTLIST Behavioral_Elements.Collaborations %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- PACKAGE: Behavioral_Elements.Activity_Graphs -->
<!-- _____ -->
<!-- _____ -->

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<!-- ***** Behavioral_Elements.Activity_Graphs.A_activityGraph_partition ***** -->
<!ELEMENT Behavioral_Elements.Activity_Graphs.ActivityGraph.partition (
    Behavioral_Elements.Activity_Graphs.Partition)* >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Activity_Graphs.ActivityGraph -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Behavioral_Elements.Activity_Graphs.ActivityGraphProperties
    '(%Behavioral_Elements.State_Machines.StateMachineProperties;)' >

<!ENTITY % Behavioral_Elements.Activity_Graphs.ActivityGraphAssociations
    '(%Behavioral_Elements.State_Machines.StateMachineAssociations;)' >

<!ENTITY % Behavioral_Elements.Activity_Graphs.ActivityGraphCompositions
    '(%Behavioral_Elements.State_Machines.StateMachineCompositions;
    ,Behavioral_Elements.Activity_Graphs.ActivityGraph.partition*)' >

<!ELEMENT Behavioral_Elements.Activity_Graphs.ActivityGraph (
    %Behavioral_Elements.Activity_Graphs.ActivityGraphProperties;
    , (XMI.extension* , %Behavioral_Elements.Activity_Graphs.ActivityGraphAssociations; )
    , %Behavioral_Elements.Activity_Graphs.ActivityGraphCompositions; )?>

<!ATTLIST Behavioral_Elements.Activity_Graphs.ActivityGraph %XMI.element.att; %XMI.link.att;
    >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Activity_Graphs.Partition -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.Activity_Graphs.Partition.contents
    (Transformation.TransformationMap
    |Transformation.TransformationTree
    |Transformation.TransformationTask
    |Transformation.TransformationStep
    |XML.ElementType
    |WarehouseProcess.WarehouseProcess
    |WarehouseProcess.Events.CascadeEvent
    |WarehouseProcess.Events.CalendarDate
    |WarehouseProcess.Events.RetryEvent
    |Foundation.Core.Binding
    |Foundation.Core.Comment
    |Foundation.Core.Feature
    |WarehouseDeployment.DeployedComponent
    |MDDB.Dimension
    |WarehouseDeployment.ProviderConnection
    |XML.Attribute
    |CWMFoundation.Telephone
    |CWMFoundation.TypeAlias
    |CWMFoundation.UniqueKey
    |CWMFoundation.Document
    |CWMFoundation.EMailID
    |CWMFoundation.Location
    |Model_Management.Model
    |Foundation.Core.Class
    |Foundation.Core.Method
    |Foundation.Core.Usage
    |XML.MixedContent

```

Model\_Management.Package  
 RecordOriented.RecordFile  
 WarehouseProcess.Events.RecurringPointInTimeEvent  
 Transformation.ClassMap  
 CWMFoundation.Description  
 CWMFoundation.FeatureNode  
 CWMFoundation.ElementNode  
 CWMFoundation.Enumeration  
 CWMFoundation.UnionMember  
 CWMFoundation.ContactInfo  
 CWMFoundation.ConstantNode  
 Relational.SQLDistinctType  
 Relational.SQLIndexColumn  
 Foundation.Core.Flow  
 Foundation.Core.Node  
 Relational.UniqueConstraint  
 WarehouseDeployment.SoftwareSystem  
 MDDB.DimensionedObject  
 CWMFoundation.EnumerationLiteral  
 Olap.Hierarchy  
 Olap.MemberSelection  
 RecordOriented.FieldValueCondition  
 Relational.SQLDataType  
 XML.ElementContent  
 RecordOriented.Record  
 Relational.SQLIndex  
 Relational.SQLQuery  
 Relational.BaseTable  
 Relational.ColumnSet  
 Relational.Procedure  
 Relational.ForeignKey  
 Behavioral\_Elements.Common\_Behavior.Link  
 Behavioral\_Elements.State\_Machines.Event  
 Behavioral\_Elements.State\_Machines.Guard  
 Behavioral\_Elements.State\_Machines.State  
 Transformation.DataObjectSet  
 Olap.Measure  
 Relational.SQLSimpleType  
 WarehouseOperation.ActivityExecution  
 Transformation.Transformation  
 Model\_Management.Subsystem  
 Foundation.Core.Classifier  
 Foundation.Core.Operation  
 Foundation.Core.Component  
 Foundation.Core.Namespace  
 Foundation.Core.Constraint  
 Foundation.Core.Dependency  
 Foundation.Core.Parameter  
 Foundation.Core.Permission  
 Foundation.Core.Abstraction  
 Foundation.Core.Association  
 Foundation.Core.Attribute  
 Foundation.Core.Interface  
 CWMFoundation.DataTypeMapping  
 Foundation.Core.AssociationClass  
 CWMFoundation.KeyRelationship  
 CWMFoundation.ResponsibleParty  
 XML.Schema  
 CWMFoundation.IndexedFeature  
 CWMFoundation.ExpressionNode  
 RecordOriented.Field  
 RecordOriented.Group  
 Behavioral\_Elements.Collaborations.ClassifierRole  
 Behavioral\_Elements.Collaborations.AssociationEndRole  
 Behavioral\_Elements.Collaborations.AssociationRole  
 Behavioral\_Elements.State\_Machines.CompositeState  
 Behavioral\_Elements.State\_Machines.SubmachineState

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Behavioral\_Elements.Common\_Behavior.ActionSequence  
 Behavioral\_Elements.Common\_Behavior.AttributeLink  
 Behavioral\_Elements.Common\_Behavior.ComponentInstance  
 Behavioral\_Elements.Common\_Behavior.DestroyAction  
 Behavioral\_Elements.Common\_Behavior.TerminateAction  
 Behavioral\_Elements.Activity\_Graphs.ActivityGraph  
 Behavioral\_Elements.Activity\_Graphs.ClassifierInState  
 Behavioral\_Elements.Activity\_Graphs.ObjectFlowState  
 Behavioral\_Elements.Activity\_Graphs.SubactivityState  
 Behavioral\_Elements.Activity\_Graphs.ActionState  
 WarehouseOperation.Measurement  
 Behavioral\_Elements.Use\_Cases.Include  
 Behavioral\_Elements.Use\_Cases.UseCase  
 Relational.Table  
 Behavioral\_Elements.Collaborations.Interaction  
 Behavioral\_Elements.Common\_Behavior.CallAction  
 Behavioral\_Elements.Common\_Behavior.LinkObject  
 Olap.ValueBasedHierarchy  
 WarehouseDeployment.Site  
 Relational.View  
 Olap.CodedLevel  
 WarehouseProcess.Events.CustomCalendar  
 WarehouseProcess.Events.ExternalEvent  
 WarehouseProcess.Events.IntervalEvent  
 WarehouseProcess.Events.ScheduleEvent  
 WarehouseProcess.Events.WarehouseEvent  
 RecordOriented.FixedOffsetField  
 Behavioral\_Elements.Collaborations.Collaboration  
 Behavioral\_Elements.Common\_Behavior.CreateAction  
 Behavioral\_Elements.Common\_Behavior.NodeInstance  
 Behavioral\_Elements.Common\_Behavior.ReturnAction  
 Olap.CubeDimensionAssociation  
 Olap.DimensionMap  
 Olap.HierarchyMap  
 Transformation.PrecedenceConstrainedBy  
 Transformation.TransformationActivity  
 Transformation.AttributeMap  
 XML.Content  
 Olap.LevelBasedHierarchy  
 Olap.Dimension  
 Olap.Cube  
 Relational.SQLStructuredType  
 Olap.LevelMap  
 WarehouseDeployment.DataProvider  
 WarehouseDeployment.DataResource  
 Olap.Schema  
 WarehouseDeployment.Machine  
 WarehouseOperation.ChangeRequest  
 Foundation.Extension\_Mechanisms.Stereotype  
 WarehouseOperation.StepExecution  
 WarehouseProcess.Events.PointInTimeEvent  
 WarehouseProcess.Events.CustomCalendarEvent  
 Foundation.Core.DataType  
 MDDB.Schema  
 Foundation.Core.ModelElement  
 Foundation.Core.Relationship  
 Foundation.Core.Generalization  
 Foundation.Core.AssociationEnd  
 Behavioral\_Elements.Activity\_Graphs.CallState  
 Behavioral\_Elements.Activity\_Graphs.Partition  
 Behavioral\_Elements.Collaborations.Message  
 Behavioral\_Elements.Common\_Behavior.LinkEnd  
 Behavioral\_Elements.Common\_Behavior.DataValue  
 Behavioral\_Elements.Common\_Behavior.Signal  
 Behavioral\_Elements.Common\_Behavior.Object  
 Behavioral\_Elements.Common\_Behavior.Argument  
 Behavioral\_Elements.Common\_Behavior.Action

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Behavioral_Elements.Common_Behavior.Exception
Behavioral_Elements.Common_Behavior.Stimulus
Foundation.Core.BehavioralFeature
Behavioral_Elements.State_Machines.CallEvent
Behavioral_Elements.State_Machines.FinalState
Behavioral_Elements.State_Machines.SynchState
Behavioral_Elements.State_Machines.StubState
Behavioral_Elements.State_Machines.Transition
Behavioral_Elements.State_Machines.TimeEvent
Behavioral_Elements.Use_Cases.ExtensionPoint
Behavioral_Elements.Use_Cases.UseCaseInstance
Foundation.Core.GeneralizableElement
Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema
Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation)*>

<!ELEMENT Behavioral_Elements.Activity_Graphs.Partition.activityGraph
        (Behavioral_Elements.Activity_Graphs.ActivityGraph) >

<!ENTITY % Behavioral_Elements.Activity_Graphs.PartitionProperties
        '(%Foundation.Core.ModelElementProperties;)' >

<!ENTITY % Behavioral_Elements.Activity_Graphs.PartitionAssociations
        '(%Foundation.Core.ModelElementAssociations;
        ,Behavioral_Elements.Activity_Graphs.Partition.contents*
        ,Behavioral_Elements.Activity_Graphs.Partition.activityGraph?)' >

<!ENTITY % Behavioral_Elements.Activity_Graphs.PartitionCompositions
        '(%Foundation.Core.ModelElementCompositions;)' >

<!ELEMENT Behavioral_Elements.Activity_Graphs.Partition (
        %Behavioral_Elements.Activity_Graphs.PartitionProperties;
        , (XMI.extension* , %Behavioral_Elements.Activity_Graphs.PartitionAssociations; )
        , %Behavioral_Elements.Activity_Graphs.PartitionCompositions; )?>

<!ATTLIST Behavioral_Elements.Activity_Graphs.Partition %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Activity_Graphs.SubactivityState -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.Activity_Graphs.SubactivityState.isDynamic EMPTY>
<!ATTLIST Behavioral_Elements.Activity_Graphs.SubactivityState.isDynamic
        xmi.value ( true | false ) #REQUIRED>

<!ELEMENT Behavioral_Elements.Activity_Graphs.SubactivityState.dynamicArguments

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```

        (Foundation.Data_Types.ArgListsExpression)>
<!ELEMENT Behavioral_Elements.Activity_Graphs.SubactivityState.dynamicMultiplicity
        (Foundation.Data_Types.Multiplicity)>
<!ENTITY % Behavioral_Elements.Activity_Graphs.SubactivityStateProperties
        '(%Behavioral_Elements.State_Machines.SubmachineStateProperties;
        ,Behavioral_Elements.Activity_Graphs.SubactivityState.isDynamic
        ,Behavioral_Elements.Activity_Graphs.SubactivityState.dynamicArguments
        ,Behavioral_Elements.Activity_Graphs.SubactivityState.dynamicMultiplicity )' >
<!ENTITY % Behavioral_Elements.Activity_Graphs.SubactivityStateAssociations
        '(%Behavioral_Elements.State_Machines.SubmachineStateAssociations;)' >
<!ENTITY % Behavioral_Elements.Activity_Graphs.SubactivityStateCompositions
        '(%Behavioral_Elements.State_Machines.SubmachineStateCompositions;)' >
<!ELEMENT Behavioral_Elements.Activity_Graphs.SubactivityState (
        %Behavioral_Elements.Activity_Graphs.SubactivityStateProperties;
        , (XMI.extension* , %Behavioral_Elements.Activity_Graphs.SubactivityStateAssociations;
        )
        , %Behavioral_Elements.Activity_Graphs.SubactivityStateCompositions; )?>
<!ATTLIST Behavioral_Elements.Activity_Graphs.SubactivityState %XMI.element.att;
        %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Activity_Graphs.ActionState -->
<!-- _____ -->
<!-- _____ -->
<!ELEMENT Behavioral_Elements.Activity_Graphs.ActionState.isDynamic EMPTY>
<!ATTLIST Behavioral_Elements.Activity_Graphs.ActionState.isDynamic
        xmi.value ( true | false ) #REQUIRED>
<!ELEMENT Behavioral_Elements.Activity_Graphs.ActionState.dynamicArguments
        (Foundation.Data_Types.ArgListsExpression)>
<!ELEMENT Behavioral_Elements.Activity_Graphs.ActionState.dynamicMultiplicity
        (Foundation.Data_Types.Multiplicity)>
<!ENTITY % Behavioral_Elements.Activity_Graphs.ActionStateProperties
        '(%Behavioral_Elements.State_Machines.SimpleStateProperties;
        ,Behavioral_Elements.Activity_Graphs.ActionState.isDynamic
        ,Behavioral_Elements.Activity_Graphs.ActionState.dynamicArguments
        ,Behavioral_Elements.Activity_Graphs.ActionState.dynamicMultiplicity )' >
<!ENTITY % Behavioral_Elements.Activity_Graphs.ActionStateAssociations
        '(%Behavioral_Elements.State_Machines.SimpleStateAssociations;)' >
<!ENTITY % Behavioral_Elements.Activity_Graphs.ActionStateCompositions
        '(%Behavioral_Elements.State_Machines.SimpleStateCompositions;)' >
<!ELEMENT Behavioral_Elements.Activity_Graphs.ActionState (
        %Behavioral_Elements.Activity_Graphs.ActionStateProperties;
        , (XMI.extension* , %Behavioral_Elements.Activity_Graphs.ActionStateAssociations; )
        , %Behavioral_Elements.Activity_Graphs.ActionStateCompositions; )?>
<!ATTLIST Behavioral_Elements.Activity_Graphs.ActionState %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Activity_Graphs.CallState -->
<!-- _____ -->

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<!-- _____ -->
<!ENTITY % Behavioral_Elements.Activity_Graphs.CallStateProperties
        '(%Behavioral_Elements.Activity_Graphs.ActionStateProperties;)' >
<!ENTITY % Behavioral_Elements.Activity_Graphs.CallStateAssociations
        '(%Behavioral_Elements.Activity_Graphs.ActionStateAssociations;)' >
<!ENTITY % Behavioral_Elements.Activity_Graphs.CallStateCompositions
        '(%Behavioral_Elements.Activity_Graphs.ActionStateCompositions;)' >
<!ELEMENT Behavioral_Elements.Activity_Graphs.CallState (
        %Behavioral_Elements.Activity_Graphs.CallStateProperties;
        , (XMI.extension* , %Behavioral_Elements.Activity_Graphs.CallStateAssociations; )
        , %Behavioral_Elements.Activity_Graphs.CallStateCompositions; )?>
<!-- Behavioral_Elements.Activity_Graphs.CallState %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Activity_Graphs.ObjectFlowState -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.Activity_Graphs.ObjectFlowState.isSynch EMPTY>
<!-- Behavioral_Elements.Activity_Graphs.ObjectFlowState.isSynch
        xmi.value ( true | false ) #REQUIRED>

<!ELEMENT Behavioral_Elements.Activity_Graphs.ObjectFlowState.parameter
        (Foundation.Core.Parameter)*>

<!-- Behavioral_Elements.Activity_Graphs.ObjectFlowState.type
        (Transformation.TransformationTask
        XML.ElementType
        MDDB.Dimension
        CWMFoundation.TypeAlias
        Foundation.Core.Class
        CWMFoundation.Enumeration
        Relational.SQLDistinctType
        Foundation.Core.Node
        WarehouseDeployment.SoftwareSystem
        Olap.Hierarchy
        Olap.MemberSelection
        Relational.SQLDataType
        RecordOriented.Record
        Relational.SQLQuery
        Relational.BaseTable
        Relational.ColumnSet
        Relational.SQLSimpleType
        Model_Management.Subsystem
        Foundation.Core.Classifier
        Foundation.Core.Component
        Foundation.Core.Interface
        Foundation.Core.AssociationClass
        RecordOriented.Group
        Behavioral_Elements.Collaborations.ClassifierRole
        Behavioral_Elements.Activity_Graphs.ClassifierInState
        Behavioral_Elements.Use_Cases.UseCase
        Relational.Table
        Olap.ValueBasedHierarchy
        Relational.View
        Olap.CodedLevel
        Olap.CubeDimensionAssociation
        Transformation.TransformationActivity
        Olap.LevelBasedHierarchy
        Olap.Dimension

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Olap.Cube
Relational.SQLStructuredType
Foundation.Core.DataType
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Exception
Olap.Level
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Union
Olap.HierarchyLevelAssociation) >

<!ENTITY % Behavioral_Elements.Activity_Graphs.ObjectFlowStateProperties
    '(%Behavioral_Elements.State_Machines.SimpleStateProperties;
    ,Behavioral_Elements.Activity_Graphs.ObjectFlowState.issynch )' >

<!ENTITY % Behavioral_Elements.Activity_Graphs.ObjectFlowStateAssociations
    '(%Behavioral_Elements.State_Machines.SimpleStateAssociations;
    ,Behavioral_Elements.Activity_Graphs.ObjectFlowState.parameter*
    ,Behavioral_Elements.Activity_Graphs.ObjectFlowState.type )' >

<!ENTITY % Behavioral_Elements.Activity_Graphs.ObjectFlowStateCompositions
    '(%Behavioral_Elements.State_Machines.SimpleStateCompositions;)' >

<!ELEMENT Behavioral_Elements.Activity_Graphs.ObjectFlowState (
    %Behavioral_Elements.Activity_Graphs.ObjectFlowStateProperties;
    ,(XMI.extension* , %Behavioral_Elements.Activity_Graphs.ObjectFlowStateAssociations;
    )
    , %Behavioral_Elements.Activity_Graphs.ObjectFlowStateCompositions; )?>

<!ATTLIST Behavioral_Elements.Activity_Graphs.ObjectFlowState %XMI.element.att;
    %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Behavioral_Elements.Activity_Graphs.ClassifierInState -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Behavioral_Elements.Activity_Graphs.ClassifierInState.type
    (Transformation.TransformationTask
    |XML.ElementType
    |MDDB.Dimension
    |CWMFoundation.TypeAlias
    |Foundation.Core.Class
    |CWMFoundation Enumeration
    |Relational.SQLDistinctType
    |Foundation.Core.Node
    |WarehouseDeployment.SoftwareSystem
    |Olap.Hierarchy
    |Olap.MemberSelection
    |Relational.SQLDataType
    |RecordOriented.Record
    |Relational.SQLQuery
    |Relational.BaseTable
    |Relational.ColumnSet
    |Relational.SQLSimpleType
    |Model_Management.Subsystem
    |Foundation.Core.Classifier
    |Foundation.Core.Component
    |Foundation.Core.Interface
    |Foundation.Core.AssociationClass
    |RecordOriented.Group
    |Behavioral_Elements.Collaborations.ClassifierRole
    |Behavioral_Elements.Activity_Graphs.ClassifierInState
    |Behavioral_Elements.Use_Cases.UseCase
    |Relational.Table

```

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Olap.ValueBasedHierarchy
Relational.View
Olap.CodedLevel
Olap.CubeDimensionAssociation
Transformation.TransformationActivity
Olap.LevelBasedHierarchy
Olap.Dimension
Olap.Cube
Relational.SQLStructuredType
Foundation.Core.DataType
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Exception
Olap.Level
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Union
Olap.HierarchyLevelAssociation) >

<!ELEMENT Behavioral_Elements.Activity_Graphs.ClassifierInState.inState
      (Behavioral_Elements.State_Machines.State
      Behavioral_Elements.State_Machines.CompositeState
      Behavioral_Elements.State_Machines.SubmachineState
      Behavioral_Elements.Activity_Graphs.ObjectFlowState
      Behavioral_Elements.Activity_Graphs.SubactivityState
      Behavioral_Elements.Activity_Graphs.ActionState
      Behavioral_Elements.Activity_Graphs.CallState
      Behavioral_Elements.State_Machines.FinalState
      Behavioral_Elements.State_Machines.SimpleState)+>

<!ENTITY % Behavioral_Elements.Activity_Graphs.ClassifierInStateProperties
      '(%Foundation.Core.ClassifierProperties;)' >

<!ENTITY % Behavioral_Elements.Activity_Graphs.ClassifierInStateAssociations
      '(%Foundation.Core.ClassifierAssociations;
      ,Behavioral_Elements.Activity_Graphs.ClassifierInState.type
      ,Behavioral_Elements.Activity_Graphs.ClassifierInState.inState+)' >

<!ENTITY % Behavioral_Elements.Activity_Graphs.ClassifierInStateCompositions
      '(%Foundation.Core.ClassifierCompositions;)' >

<!ELEMENT Behavioral_Elements.Activity_Graphs.ClassifierInState (
      %Behavioral_Elements.Activity_Graphs.ClassifierInStateProperties;
      , (XMI.extension* ,
      %Behavioral_Elements.Activity_Graphs.ClassifierInStateAssociations;
      , %Behavioral_Elements.Activity_Graphs.ClassifierInStateCompositions; )?>

<!ATTLIST Behavioral_Elements.Activity_Graphs.ClassifierInState %XMI.element.att;
      %XMI.link.att; >

<!ELEMENT Behavioral_Elements.Activity_Graphs
      ((Behavioral_Elements.Activity_Graphs.ActivityGraph
      Behavioral_Elements.Activity_Graphs.Partition
      Behavioral_Elements.Activity_Graphs.SubactivityState
      Behavioral_Elements.Activity_Graphs.CallState
      Behavioral_Elements.Activity_Graphs.ObjectFlowState
      Behavioral_Elements.Activity_Graphs.ClassifierInState
      Behavioral_Elements.Activity_Graphs.ActionState)*>
<!ATTLIST Behavioral_Elements.Activity_Graphs %XMI.element.att; %XMI.link.att;>

<!ELEMENT Behavioral_Elements ((Behavioral_Elements.Common_Behavior
      Behavioral_Elements.Use_Cases
      Behavioral_Elements.State_Machines
      Behavioral_Elements.Collaborations
      Behavioral_Elements.Activity_Graphs)*>
<!ATTLIST Behavioral_Elements %XMI.element.att; %XMI.link.att;>

```

```
<!-- _____ -->
<!-- _____ -->
<!-- PACKAGE: CWMFoundation _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- ***** CWMFoundation.EnumerationLiterals ***** -->
<!ELEMENT CWMFoundation.Enumeration.literal ( CWMFoundation.EnumerationLiteral)+ >

<!-- ***** CWMFoundation.IndexedFeatureInfo ***** -->
<!ELEMENT CWMFoundation.Index.indexedFeature ( Relational.SQLIndexColumn
|CWMFoundation.IndexedFeature)+ >

<!-- ***** CWMFoundation.OperationArguments ***** -->
<!ELEMENT CWMFoundation.FeatureNode.argument ( CWMFoundation.FeatureNode
|CWMFoundation.ElementNode
|CWMFoundation.ConstantNode
|CWMFoundation.ExpressionNode)* >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: CWMFoundation.QueryExpression _____ -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % CWMFoundation.QueryExpressionProperties
'(%Foundation.Data_Types.ProcedureExpressionProperties;)' >
<!ELEMENT CWMFoundation.QueryExpression ( %CWMFoundation.QueryExpressionProperties;
,(XMI.extension* ) )?>
<!ATTLIST CWMFoundation.QueryExpression %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: CWMFoundation.Union _____ -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT CWMFoundation.Union.discriminator (XML.Attribute
|CWMFoundation.UnionMember
|MDDB.DimensionedObject
|Olap.Measure
|Foundation.Core.Attribute
|RecordOriented.Field
|RecordOriented.FixedOffsetField
|Foundation.Core.StructuralFeature
|Relational.Column)?>

<!ENTITY % CWMFoundation.UnionProperties '(%Foundation.Core.DataTypeProperties;)' >
<!ENTITY % CWMFoundation.UnionAssociations '(%Foundation.Core.DataTypeAssociations;
,CWMFoundation.Union.discriminator?)' >
<!ENTITY % CWMFoundation.UnionCompositions '(%Foundation.Core.DataTypeCompositions;)' >
<!ELEMENT CWMFoundation.Union ( %CWMFoundation.UnionProperties;
```

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        ,(XMI.extension* , %CWMFoundation.UnionAssociations; )
        , %CWMFoundation.UnionCompositions; )?>

<!ATTLIST CWMFoundation.Union %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: CWMFoundation.UnionMember -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT CWMFoundation.UnionMember.memberCase (Foundation.Data_Types.ProcedureExpression
|Foundation.Data_Types.ObjectSetExpression
|Foundation.Data_Types.IterationExpression
|Foundation.Data_Types.Expression
|CWMFoundation.QueryExpression
|Foundation.Data_Types.TimeExpression
|Foundation.Data_Types.TypeExpression
|Foundation.Data_Types.ArgListsExpression
|Foundation.Data_Types.BooleanExpression
|Foundation.Data_Types.MappingExpression
|Foundation.Data_Types.ActionExpression)>

<!ELEMENT CWMFoundation.UnionMember.isDefault EMPTY>
<!ATTLIST CWMFoundation.UnionMember.isDefault
    xmi.value ( true | false ) #REQUIRED>

<!ENTITY % CWMFoundation.UnionMemberProperties ‘(%Foundation.Core.AttributeProperties;
,CWMFoundation.UnionMember.memberCase
,CWMFoundation.UnionMember.isDefault )’ >

<!ENTITY % CWMFoundation.UnionMemberAssociations ‘(%Foundation.Core.AttributeAssociations;)’
>

<!ENTITY % CWMFoundation.UnionMemberCompositions ‘(%Foundation.Core.AttributeCompositions;)’
>

<!ELEMENT CWMFoundation.UnionMember ( %CWMFoundation.UnionMemberProperties;
,(XMI.extension* , %CWMFoundation.UnionMemberAssociations; )
, %CWMFoundation.UnionMemberCompositions; )?>

<!ATTLIST CWMFoundation.UnionMember %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: CWMFoundation.TypeAlias -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT CWMFoundation.TypeAlias.type (Transformation.TransformationTask
|XML.ElementType
|MDDB.Dimension
|CWMFoundation.TypeAlias
|Foundation.Core.Class
|CWMFoundation.Enumeration
|Relational.SQLDistinctType
|Foundation.Core.Node
|WarehouseDeployment.SoftwareSystem
|Olap.Hierarchy
|Olap.MemberSelection
|Relational.SQLDataType
|RecordOriented.Record
|Relational.SQLQuery
|Relational.BaseTable
|Relational.ColumnSet

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Relational.SQLSimpleType
Model_Management.Subsystem
Foundation.Core.Classifier
Foundation.Core.Component
Foundation.Core.Interface
Foundation.Core.AssociationClass
RecordOriented.Group
Behavioral_Elements.Collaborations.ClassifierRole
Behavioral_Elements.Activity_Graphs.ClassifierInState
Behavioral_Elements.Use_Cases.UseCase
Relational.Table
Olap.ValueBasedHierarchy
Relational.View
Olap.CodedLevel
Olap.CubeDimensionAssociation
Transformation.TransformationActivity
Olap.LevelBasedHierarchy
Olap.Dimension
Olap.Cube
Relational.SQLStructuredType
Foundation.Core.DataType
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Exception
Olap.Level
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Union
Olap.HierarchyLevelAssociation) >

<!ENTITY % CWMFoundation.TypeAliasProperties ‘(%Foundation.Core.DataTypeProperties;)’ >
<!ENTITY % CWMFoundation.TypeAliasAssociations ‘(%Foundation.Core.DataTypeAssociations;
,CWMFoundation.TypeAlias.type )’ >
<!ENTITY % CWMFoundation.TypeAliasCompositions ‘(%Foundation.Core.DataTypeCompositions;)’ >
<!ELEMENT CWMFoundation.TypeAlias ( %CWMFoundation.TypeAliasProperties;
,(XMI.extension* , %CWMFoundation.TypeAliasAssociations; )
, %CWMFoundation.TypeAliasCompositions; )?>
<!ATTLIST CWMFoundation.TypeAlias %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: CWMFoundation.ResponsibleParty -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT CWMFoundation.ResponsibleParty.responsibility (#PCDATA|XMI.reference)*>
<!ELEMENT CWMFoundation.ResponsibleParty.element (Transformation.TransformationMap
|Transformation.TransformationTree
|Transformation.TransformationTask
|Transformation.TransformationStep
|XML.ElementType
|WarehouseProcess.WarehouseProcess
|WarehouseProcess.Events.CascadeEvent
|WarehouseProcess.Events.CalendarDate
|WarehouseProcess.Events.RetryEvent
|Foundation.Core.Binding
|Foundation.Core.Comment
|Foundation.Core.Feature
|WarehouseDeployment.DeployedComponent
|MDDB.Dimension
|WarehouseDeployment.ProviderConnection
|XML.Attribute

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CWMFoundation.Telephone  
 CWMFoundation.TypeAlias  
 CWMFoundation.UniqueKey  
 CWMFoundation.Document  
 CWMFoundation.EmailID  
 CWMFoundation.Location  
 Model\_Management.Model  
 Foundation.Core.Class  
 Foundation.Core.Method  
 Foundation.Core.Usage  
 XML.MixedContent  
 Model\_Management.Package  
 RecordOriented.RecordFile  
 WarehouseProcess.Events.RecurringPointInTimeEvent  
 Transformation.ClassMap  
 CWMFoundation.Description  
 CWMFoundation.FeatureNode  
 CWMFoundation.ElementNode  
 CWMFoundation.Enumeration  
 CWMFoundation.UnionMember  
 CWMFoundation.ContactInfo  
 CWMFoundation.ConstantNode  
 Relational.SQLDistinctType  
 Relational.SQLIndexColumn  
 Foundation.Core.Flow  
 Foundation.Core.Node  
 Relational.UniqueConstraint  
 WarehouseDeployment.SoftwareSystem  
 MDDDB.DimensionedObject  
 CWMFoundation.EnumerationLiteral  
 Olap.Hierarchy  
 Olap.MemberSelection  
 RecordOriented.FieldValueCondition  
 Relational.SQLDataType  
 XML.ElementContent  
 RecordOriented.Record  
 Relational.SQLIndex  
 Relational.SQLQuery  
 Relational.BaseTable  
 Relational.ColumnSet  
 Relational.Procedure  
 Relational.ForeignKey  
 Behavioral\_Elements.Common\_Behavior.Link  
 Behavioral\_Elements.State\_Machines.Event  
 Behavioral\_Elements.State\_Machines.Guard  
 Behavioral\_Elements.State\_Machines.State  
 Transformation.DataObjectSet  
 Olap.Measure  
 Relational.SQLSimpleType  
 WarehouseOperation.ActivityExecution  
 Transformation.Transformation  
 Model\_Management.Subsystem  
 Foundation.Core.Classifier  
 Foundation.Core.Operation  
 Foundation.Core.Component  
 Foundation.Core.Namespace  
 Foundation.Core.Constraint  
 Foundation.Core.Dependency  
 Foundation.Core.Parameter  
 Foundation.Core.Permission  
 Foundation.Core.Abstraction  
 Foundation.Core.Association  
 Foundation.Core.Attribute  
 Foundation.Core.Interface  
 CWMFoundation.DataTypeMapping  
 Foundation.Core.AssociationClass  
 CWMFoundation.KeyRelationship

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CWMFoundation.ResponsibleParty  
 XML.Schema  
 CWMFoundation.IndexedFeature  
 CWMFoundation.ExpressionNode  
 RecordOriented.Field  
 RecordOriented.Group  
 Behavioral\_Elements.Collaborations.ClassifierRole  
 Behavioral\_Elements.Collaborations.AssociationEndRole  
 Behavioral\_Elements.Collaborations.AssociationRole  
 Behavioral\_Elements.State\_Machines.CompositeState  
 Behavioral\_Elements.State\_Machines.SubmachineState  
 Behavioral\_Elements.Common\_Behavior.ActionSequence  
 Behavioral\_Elements.Common\_Behavior.AttributeLink  
 Behavioral\_Elements.Common\_Behavior.ComponentInstance  
 Behavioral\_Elements.Common\_Behavior.DestroyAction  
 Behavioral\_Elements.Common\_Behavior.TerminateAction  
 Behavioral\_Elements.Activity\_Graphs.ActivityGraph  
 Behavioral\_Elements.Activity\_Graphs.ClassifierInState  
 Behavioral\_Elements.Activity\_Graphs.ObjectFlowState  
 Behavioral\_Elements.Activity\_Graphs.SubactivityState  
 Behavioral\_Elements.Activity\_Graphs.ActionState  
 WarehouseOperation.Measurement  
 Behavioral\_Elements.Use\_Cases.Include  
 Behavioral\_Elements.Use\_Cases.UseCase  
 Relational.Table  
 Behavioral\_Elements.Collaborations.Interaction  
 Behavioral\_Elements.Common\_Behavior.CallAction  
 Behavioral\_Elements.Common\_Behavior.LinkObject  
 Olap.ValueBasedHierarchy  
 WarehouseDeployment.Site  
 Relational.View  
 Olap.CodedLevel  
 WarehouseProcess.Events.CustomCalendar  
 WarehouseProcess.Events.ExternalEvent  
 WarehouseProcess.Events.IntervalEvent  
 WarehouseProcess.Events.ScheduleEvent  
 WarehouseProcess.Events.WarehouseEvent  
 RecordOriented.FixedOffsetField  
 Behavioral\_Elements.Collaborations.Collaboration  
 Behavioral\_Elements.Common\_Behavior.CreateAction  
 Behavioral\_Elements.Common\_Behavior.NodeInstance  
 Behavioral\_Elements.Common\_Behavior.ReturnAction  
 Olap.CubeDimensionAssociation  
 Olap.DimensionMap  
 Olap.HierarchyMap  
 Transformation.PrecedenceConstrainedBy  
 Transformation.TransformationActivity  
 Transformation.AttributeMap  
 XML.Content  
 Olap.LevelBasedHierarchy  
 Olap.Dimension  
 Olap.Cube  
 Relational.SQLStructuredType  
 Olap.LevelMap  
 WarehouseDeployment.DataProvider  
 WarehouseDeployment.DataResource  
 Olap.Schema  
 WarehouseDeployment.Machine  
 WarehouseOperation.ChangeRequest  
 Foundation.Extension\_Mechanisms.Stereotype  
 WarehouseOperation.StepExecution  
 WarehouseProcess.Events.PointInTimeEvent  
 WarehouseProcess.Events.CustomCalendarEvent  
 Foundation.Core.DataType  
 MDDB.Schema  
 Foundation.Core.ModelElement  
 Foundation.Core.Relationship

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Foundation.Core.Generalization
Foundation.Core.AssociationEnd
Behavioral_Elements.Activity_Graphs.CallState
Behavioral_Elements.Activity_Graphs.Partition
Behavioral_Elements.Collaborations.Message
Behavioral_Elements.Common_Behavior.LinkEnd
Behavioral_Elements.Common_Behavior.DataValue
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Object
Behavioral_Elements.Common_Behavior.Argument
Behavioral_Elements.Common_Behavior.Action
Behavioral_Elements.Common_Behavior.Exception
Behavioral_Elements.Common_Behavior.Stimulus
Foundation.Core.BehavioralFeature
Behavioral_Elements.State_Machines.CallEvent
Behavioral_Elements.State_Machines.FinalState
Behavioral_Elements.State_Machines.SynchState
Behavioral_Elements.State_Machines.StubState
Behavioral_Elements.State_Machines.Transition
Behavioral_Elements.State_Machines.TimeEvent
Behavioral_Elements.Use_Cases.ExtensionPoint
Behavioral_Elements.Use_Cases.UseCaseInstance
Foundation.Core.GeneralizableElement
Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema
Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation)*>

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<!ELEMENT CWMFoundation.ResponsibleParty.contact (CWMFoundation.ContactInfo)*>

<!ENTITY % CWMFoundation.ResponsiblePartyProperties
    '(%Foundation.Core.ModelElementProperties;
    ,CWMFoundation.ResponsibleParty.responsibility )' >

<!ENTITY % CWMFoundation.ResponsiblePartyAssociations
    '(%Foundation.Core.ModelElementAssociations;
    ,CWMFoundation.ResponsibleParty.element*
    ,CWMFoundation.ResponsibleParty.contact*)' >

<!ENTITY % CWMFoundation.ResponsiblePartyCompositions
    '(%Foundation.Core.ModelElementCompositions;)' >

<!ELEMENT CWMFoundation.ResponsibleParty ( %CWMFoundation.ResponsiblePartyProperties;
    ,(XMI.extension* , %CWMFoundation.ResponsiblePartyAssociations; )
    , %CWMFoundation.ResponsiblePartyCompositions; )?>

<!ATTLIST CWMFoundation.ResponsibleParty %XMI.element.att; %XMI.link.att; >

<!-- _____ -->

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```

<!--                                     -->
<!-- CLASS: CWMFoundation.Telephone      -->
<!--                                     -->
<!--                                     -->
<!--                                     -->

<!ELEMENT CWMFoundation.Telephone.phoneNumber (#PCDATA|XMI.reference)*>
<!ELEMENT CWMFoundation.Telephone.phoneType (#PCDATA|XMI.reference)*>
<!ELEMENT CWMFoundation.Telephone.contact (CWMFoundation.ContactInfo)*>
<!ENTITY % CWMFoundation.TelephoneProperties ‘(%Foundation.Core.ModelElementProperties;
,CWMFoundation.Telephone.phoneNumber
,CWMFoundation.Telephone.phoneType )’ >
<!ENTITY % CWMFoundation.TelephoneAssociations ‘(%Foundation.Core.ModelElementAssociations;
,CWMFoundation.Telephone.contact*)’ >
<!ENTITY % CWMFoundation.TelephoneCompositions ‘(%Foundation.Core.ModelElementCompositions;)’
>
<!ELEMENT CWMFoundation.Telephone ( %CWMFoundation.TelephoneProperties;
,(XMI.extension* , %CWMFoundation.TelephoneAssociations; )
, %CWMFoundation.TelephoneCompositions; )?>
<!ATTLIST CWMFoundation.Telephone %XMI.element.att; %XMI.link.att; >

<!--                                     -->
<!--                                     -->
<!-- CLASS: CWMFoundation.EmailID        -->
<!--                                     -->
<!--                                     -->
<!--                                     -->

<!ELEMENT CWMFoundation.EmailID.emailAddress (#PCDATA|XMI.reference)*>
<!ELEMENT CWMFoundation.EmailID.emailType (#PCDATA|XMI.reference)*>
<!ELEMENT CWMFoundation.EmailID.contact (CWMFoundation.ContactInfo)*>
<!ENTITY % CWMFoundation.EmailIDProperties ‘(%Foundation.Core.ModelElementProperties;
,CWMFoundation.EmailID.emailAddress
,CWMFoundation.EmailID.emailType )’ >
<!ENTITY % CWMFoundation.EmailIDAssociations ‘(%Foundation.Core.ModelElementAssociations;
,CWMFoundation.EmailID.contact*)’ >
<!ENTITY % CWMFoundation.EmailIDCompositions ‘(%Foundation.Core.ModelElementCompositions;)’ >
<!ELEMENT CWMFoundation.EmailID ( %CWMFoundation.EmailIDProperties;
,(XMI.extension* , %CWMFoundation.EmailIDAssociations; )
, %CWMFoundation.EmailIDCompositions; )?>
<!ATTLIST CWMFoundation.EmailID %XMI.element.att; %XMI.link.att; >

<!--                                     -->
<!--                                     -->
<!-- CLASS: CWMFoundation.Location        -->
<!--                                     -->
<!--                                     -->
<!--                                     -->

<!ELEMENT CWMFoundation.Location.locationType (#PCDATA|XMI.reference)*>
<!ELEMENT CWMFoundation.Location.address (#PCDATA|XMI.reference)*>
<!ELEMENT CWMFoundation.Location.city (#PCDATA|XMI.reference)*>

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<!ELEMENT CWMFoundation.Location.postCode (#PCDATA|XMI.reference)*>
<!ELEMENT CWMFoundation.Location.area (#PCDATA|XMI.reference)*>
<!ELEMENT CWMFoundation.Location.country (#PCDATA|XMI.reference)*>
<!ELEMENT CWMFoundation.Location.contact (CWMFoundation.ContactInfo)*>
<!ENTITY % CWMFoundation.LocationProperties ‘(%Foundation.Core.ModelElementProperties;
,CWMFoundation.Location.locationType
,CWMFoundation.Location.address
,CWMFoundation.Location.city
,CWMFoundation.Location.postCode
,CWMFoundation.Location.area
,CWMFoundation.Location.country )’ >
<!ENTITY % CWMFoundation.LocationAssociations ‘(%Foundation.Core.ModelElementAssociations;
,CWMFoundation.Location.contact*)’ >
<!ENTITY % CWMFoundation.LocationCompositions ‘(%Foundation.Core.ModelElementCompositions; )’
>
<!ELEMENT CWMFoundation.Location ( %CWMFoundation.LocationProperties;
,(XMI.extension* , %CWMFoundation.LocationAssociations; )
, %CWMFoundation.LocationCompositions; )?>
<!ATTLIST CWMFoundation.Location %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: CWMFoundation.ContactInfo -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT CWMFoundation.ContactInfo.email (CWMFoundation.EmailID)*>
<!ELEMENT CWMFoundation.ContactInfo.location (CWMFoundation.Location
|WarehouseDeployment.Site)*>
<!ELEMENT CWMFoundation.ContactInfo.telephone (CWMFoundation.Telephone)*>
<!ELEMENT CWMFoundation.ContactInfo.responsibleParty (CWMFoundation.ResponsibleParty)*>
<!ENTITY % CWMFoundation.ContactInfoProperties ‘(%Foundation.Core.ModelElementProperties; )’ >
<!ENTITY % CWMFoundation.ContactInfoAssociations ‘(%Foundation.Core.ModelElementAssociations;
,CWMFoundation.ContactInfo.email*
,CWMFoundation.ContactInfo.location*
,CWMFoundation.ContactInfo.telephone*
,CWMFoundation.ContactInfo.responsibleParty*)’ >
<!ENTITY % CWMFoundation.ContactInfoCompositions
‘(%Foundation.Core.ModelElementCompositions; )’ >
<!ELEMENT CWMFoundation.ContactInfo ( %CWMFoundation.ContactInfoProperties;
,(XMI.extension* , %CWMFoundation.ContactInfoAssociations; )
, %CWMFoundation.ContactInfoCompositions; )?>
<!ATTLIST CWMFoundation.ContactInfo %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: CWMFoundation EnumerationLiteral -->
<!-- _____ -->

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<!-- _____ -->
<!ELEMENT CWMFoundation EnumerationLiteral.value (Foundation.Data_Types.ProcedureExpression
|Foundation.Data_Types.ObjectSetExpression
|Foundation.Data_Types.IterationExpression
|Foundation.Data_Types.Expression
|CWMFoundation.QueryExpression
|Foundation.Data_Types.TimeExpression
|Foundation.Data_Types.TypeExpression
|Foundation.Data_Types.ArgListsExpression
|Foundation.Data_Types.BooleanExpression
|Foundation.Data_Types.MappingExpression
|Foundation.Data_Types.ActionExpression)>

<!ELEMENT CWMFoundation EnumerationLiteral.enumeration (CWMFoundation Enumeration) >

<!ENTITY % CWMFoundation EnumerationLiteralProperties
          '(%Foundation.Core.ModelElementProperties;
          ,CWMFoundation EnumerationLiteral.value )' >

<!ENTITY % CWMFoundation EnumerationLiteralAssociations
          '(%Foundation.Core.ModelElementAssociations;
          ,CWMFoundation EnumerationLiteral.enumeration?)' >

<!ENTITY % CWMFoundation EnumerationLiteralCompositions
          '(%Foundation.Core.ModelElementCompositions;)' >

<!ELEMENT CWMFoundation EnumerationLiteral ( %CWMFoundation EnumerationLiteralProperties;
          , (XMI.extension* , %CWMFoundation EnumerationLiteralAssociations; )
          , %CWMFoundation EnumerationLiteralCompositions; )?>

<!ATTLIST CWMFoundation EnumerationLiteral %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: CWMFoundation.Description -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT CWMFoundation.Description.body (#PCDATA|XMI.reference)*>

<!ELEMENT CWMFoundation.Description.language (#PCDATA|XMI.reference)*>

<!ELEMENT CWMFoundation.Description.modelElement (Transformation.TransformationMap
|Transformation.TransformationTree
|Transformation.TransformationTask
|Transformation.TransformationStep
|XML.ElementType
|WarehouseProcess.WarehouseProcess
|WarehouseProcess.Events.CascadeEvent
|WarehouseProcess.Events.CalendarDate
|WarehouseProcess.Events.RetryEvent
|Foundation.Core.Binding
|Foundation.Core.Comment
|Foundation.Core.Feature
|WarehouseDeployment.DeployedComponent
|MDDB.Dimension
|WarehouseDeployment.ProviderConnection
|XML.Attribute
|CWMFoundation.Telephone
|CWMFoundation.TypeAlias
|CWMFoundation.UniqueKey
|CWMFoundation.Document
|CWMFoundation.EMailID
|CWMFoundation.Location
|Model_Management.Model

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Foundation.Core.Class
Foundation.Core.Method
Foundation.Core.Usage
XML.MixedContent
Model_Management.Package
RecordOriented.RecordFile
WarehouseProcess.Events.RecurringPointInTimeEvent
Transformation.ClassMap
CWMFoundation.Description
CWMFoundation.FeatureNode
CWMFoundation.ElementNode
CWMFoundation.Enumeration
CWMFoundation.UnionMember
CWMFoundation.ContactInfo
CWMFoundation.ConstantNode
Relational.SQLDistinctType
Relational.SQLIndexColumn
Foundation.Core.Flow
Foundation.Core.Node
Relational.UniqueConstraint
WarehouseDeployment.SoftwareSystem
MDDDB.DimensionedObject
CWMFoundation.EnumerationLiteral
Olap.Hierarchy
Olap.MemberSelection
RecordOriented.FieldValueCondition
Relational.SQLDataType
XML.ElementContent
RecordOriented.Record
Relational.SQLIndex
Relational.SQLQuery
Relational.BaseTable
Relational.ColumnSet
Relational.Procedure
Relational.ForeignKey
Behavioral_Elements.Common_Behavior.Link
Behavioral_Elements.State_Machines.Event
Behavioral_Elements.State_Machines.Guard
Behavioral_Elements.State_Machines.State
Transformation.DataObjectSet
Olap.Measure
Relational.SQLSimpleType
WarehouseOperation.ActivityExecution
Transformation.Transformation
Model_Management.Subsystem
Foundation.Core.Classifier
Foundation.Core.Operation
Foundation.Core.Component
Foundation.Core.Namespace
Foundation.Core.Constraint
Foundation.Core.Dependency
Foundation.Core.Parameter
Foundation.Core.Permission
Foundation.Core.Abstraction
Foundation.Core.Association
Foundation.Core.Attribute
Foundation.Core.Interface
CWMFoundation.DataTypeMapping
Foundation.Core.AssociationClass
CWMFoundation.KeyRelationship
CWMFoundation.ResponsibleParty
XML.Schema
CWMFoundation.IndexedFeature
CWMFoundation.ExpressionNode
RecordOriented.Field
RecordOriented.Group
Behavioral_Elements.Collaborations.ClassifierRole

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Behavioral\_Elements.Collaborations.AssociationEndRole  
 Behavioral\_Elements.Collaborations.AssociationRole  
 Behavioral\_Elements.State\_Machines.CompositeState  
 Behavioral\_Elements.State\_Machines.SubmachineState  
 Behavioral\_Elements.Common\_Behavior.ActionSequence  
 Behavioral\_Elements.Common\_Behavior.AttributeLink  
 Behavioral\_Elements.Common\_Behavior.ComponentInstance  
 Behavioral\_Elements.Common\_Behavior.DestroyAction  
 Behavioral\_Elements.Common\_Behavior.TerminateAction  
 Behavioral\_Elements.Activity\_Graphs.ActivityGraph  
 Behavioral\_Elements.Activity\_Graphs.ClassifierInState  
 Behavioral\_Elements.Activity\_Graphs.ObjectFlowState  
 Behavioral\_Elements.Activity\_Graphs.SubactivityState  
 Behavioral\_Elements.Activity\_Graphs.ActionState  
 WarehouseOperation.Measurement  
 Behavioral\_Elements.Use\_Cases.Include  
 Behavioral\_Elements.Use\_Cases.UseCase  
 Relational.Table  
 Behavioral\_Elements.Collaborations.Interaction  
 Behavioral\_Elements.Common\_Behavior.CallAction  
 Behavioral\_Elements.Common\_Behavior.LinkObject  
 Olap.ValueBasedHierarchy  
 WarehouseDeployment.Site  
 Relational.View  
 Olap.CodedLevel  
 WarehouseProcess.Events.CustomCalendar  
 WarehouseProcess.Events.ExternalEvent  
 WarehouseProcess.Events.IntervalEvent  
 WarehouseProcess.Events.ScheduleEvent  
 WarehouseProcess.Events.WarehouseEvent  
 RecordOriented.FixedOffsetField  
 Behavioral\_Elements.Collaborations.Collaboration  
 Behavioral\_Elements.Common\_Behavior.CreateAction  
 Behavioral\_Elements.Common\_Behavior.NodeInstance  
 Behavioral\_Elements.Common\_Behavior.ReturnAction  
 Olap.CubeDimensionAssociation  
 Olap.DimensionMap  
 Olap.HierarchyMap  
 Transformation.PrecedenceConstrainedBy  
 Transformation.TransformationActivity  
 Transformation.AttributeMap  
 XML.Content  
 Olap.LevelBasedHierarchy  
 Olap.Dimension  
 Olap.Cube  
 Relational.SQLStructuredType  
 Olap.LevelMap  
 WarehouseDeployment.DataProvider  
 WarehouseDeployment.DataResource  
 Olap.Schema  
 WarehouseDeployment.Machine  
 WarehouseOperation.ChangeRequest  
 Foundation.Extension\_Mechanisms.Stereotype  
 WarehouseOperation.StepExecution  
 WarehouseProcess.Events.PointInTimeEvent  
 WarehouseProcess.Events.CustomCalendarEvent  
 Foundation.Core.DataType  
 MDDB.Schema  
 Foundation.Core.ModelElement  
 Foundation.Core.Relationship  
 Foundation.Core.Generalization  
 Foundation.Core.AssociationEnd  
 Behavioral\_Elements.Activity\_Graphs.CallState  
 Behavioral\_Elements.Activity\_Graphs.Partition  
 Behavioral\_Elements.Collaborations.Message  
 Behavioral\_Elements.Common\_Behavior.LinkEnd  
 Behavioral\_Elements.Common\_Behavior.DataValue

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Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Object
Behavioral_Elements.Common_Behavior.Argument
Behavioral_Elements.Common_Behavior.Action
Behavioral_Elements.Common_Behavior.Exception
Behavioral_Elements.Common_Behavior.Stimulus
Foundation.Core.BehavioralFeature
Behavioral_Elements.State_Machines.CallEvent
Behavioral_Elements.State_Machines.FinalState
Behavioral_Elements.State_Machines.SynchState
Behavioral_Elements.State_Machines.StubState
Behavioral_Elements.State_Machines.Transition
Behavioral_Elements.State_Machines.TimeEvent
Behavioral_Elements.Use_Cases.ExtensionPoint
Behavioral_Elements.Use_Cases.UseCaseInstance
Foundation.Core.GeneralizableElement
Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema
Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation)+>

<!-- ENTITY % CWMFoundation.DescriptionProperties (%Foundation.Core.ModelElementProperties;
, CWMFoundation.Description.body
, CWMFoundation.Description.language )' >

<!-- ENTITY % CWMFoundation.DescriptionAssociations (%Foundation.Core.ModelElementAssociations;
, CWMFoundation.Description.modelElement+)' >

<!-- ENTITY % CWMFoundation.DescriptionCompositions
'(%Foundation.Core.ModelElementCompositions;)' >

<!-- ELEMENT CWMFoundation.Description ( %CWMFoundation.DescriptionProperties;
, (XMI.extension* , %CWMFoundation.DescriptionAssociations; )
, %CWMFoundation.DescriptionCompositions; )?>

<!-- ATTLIST CWMFoundation.Description %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: CWMFoundation.DataTypeMapping _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- ELEMENT CWMFoundation.DataTypeMapping.isBestMatch EMPTY>
<!-- ATTLIST CWMFoundation.DataTypeMapping.isBestMatch
xmi.value ( true | false ) #REQUIRED>

<!-- ELEMENT CWMFoundation.DataTypeMapping.underlyingType (CWMFoundation.TypeAlias
| CWMFoundation.Enumeration

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|Relational.SQLDistinctType
|Relational.SQLDataType
|Relational.SQLSimpleType
|RecordOriented.Group
|Relational.SQLStructuredType
|Foundation.Core.DataType
|CWMFoundation.Union) >

<!ELEMENT CWMFoundation.DataTypeMapping.exposedType (CWMFoundation.TypeAlias
|CWMFoundation.Enumeration
|Relational.SQLDistinctType
|Relational.SQLDataType
|Relational.SQLSimpleType
|RecordOriented.Group
|Relational.SQLStructuredType
|Foundation.Core.DataType
|CWMFoundation.Union) >

<!ENTITY % CWMFoundation.DataTypeMappingProperties ‘(%Foundation.Core.ModelElementProperties;
,CWMFoundation.DataTypeMapping.isBestMatch )’ >

<!ENTITY % CWMFoundation.DataTypeMappingAssociations
‘(%Foundation.Core.ModelElementAssociations;
,CWMFoundation.DataTypeMapping.underlyingType
,CWMFoundation.DataTypeMapping.exposedType )’ >

<!ENTITY % CWMFoundation.DataTypeMappingCompositions
‘(%Foundation.Core.ModelElementCompositions;)’ >

<!ELEMENT CWMFoundation.DataTypeMapping ( %CWMFoundation.DataTypeMappingProperties;
,(XMI.extension* , %CWMFoundation.DataTypeMappingAssociations; )
, %CWMFoundation.DataTypeMappingCompositions; )?>

<!ATTLIST CWMFoundation.DataTypeMapping %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- -->
<!-- CLASS: CWMFoundation.UniqueKey -->
<!-- -->
<!-- _____ -->

<!ELEMENT CWMFoundation.UniqueKey.feature (XML.Attribute
|CWMFoundation.UnionMember
|MDDB.DimensionedObject
|Olap.Measure
|Foundation.Core.Attribute
|RecordOriented.Field
|RecordOriented.FixedOffsetField
|Foundation.Core.StructuralFeature
|Relational.Column)+>

<!ELEMENT CWMFoundation.UniqueKey.keyRelationship (Relational.ForeignKey
|CWMFoundation.KeyRelationship)*>

<!ENTITY % CWMFoundation.UniqueKeyProperties ‘(%Foundation.Core.ModelElementProperties;)’ >

<!ENTITY % CWMFoundation.UniqueKeyAssociations ‘(%Foundation.Core.ModelElementAssociations;
,CWMFoundation.UniqueKey.feature+
,CWMFoundation.UniqueKey.keyRelationship*)’ >

<!ENTITY % CWMFoundation.UniqueKeyCompositions ‘(%Foundation.Core.ModelElementCompositions;)’
>

<!ELEMENT CWMFoundation.UniqueKey ( %CWMFoundation.UniqueKeyProperties;
,(XMI.extension* , %CWMFoundation.UniqueKeyAssociations; )
, %CWMFoundation.UniqueKeyCompositions; )?>

```

```

<!ATTLIST CWMFoundation.UniqueKey %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: CWMFoundation.Index _____ -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT CWMFoundation.Index.isUnique EMPTY>
<!ATTLIST CWMFoundation.Index.isUnique
    xmi.value ( true | false ) #REQUIRED>

<!ENTITY % CWMFoundation.IndexProperties '(%Foundation.Core.ModelElementProperties;
    ,CWMFoundation.Index.isUnique )' >

<!ENTITY % CWMFoundation.IndexAssociations '(%Foundation.Core.ModelElementAssociations;)' >

<!ENTITY % CWMFoundation.IndexCompositions '(%Foundation.Core.ModelElementCompositions;
    ,CWMFoundation.Index.indexedFeature+)' >

<!ELEMENT CWMFoundation.Index ( %CWMFoundation.IndexProperties;
    ,(XMI.extension* , %CWMFoundation.IndexAssociations; )
    , %CWMFoundation.IndexCompositions; )?>

<!ATTLIST CWMFoundation.Index %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: CWMFoundation.KeyRelationship _____ -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT CWMFoundation.KeyRelationship.referenceingFeature (XML.Attribute
    |CWMFoundation.UnionMember
    |MDDB.DimensionedObject
    |Olap.Measure
    |Foundation.Core.Attribute
    |RecordOriented.Field
    |RecordOriented.FixedOffsetField
    |Foundation.Core.StructuralFeature
    |Relational.Column)+>

<!ELEMENT CWMFoundation.KeyRelationship.uniqueKey (CWMFoundation.UniqueKey
    |Relational.UniqueConstraint) >

<!ENTITY % CWMFoundation.KeyRelationshipProperties
    '(%Foundation.Core.RelationshipProperties;)' >

<!ENTITY % CWMFoundation.KeyRelationshipAssociations
    '(%Foundation.Core.RelationshipAssociations;
    ,CWMFoundation.KeyRelationship.referenceingFeature+
    ,CWMFoundation.KeyRelationship.uniqueKey )' >

<!ENTITY % CWMFoundation.KeyRelationshipCompositions
    '(%Foundation.Core.RelationshipCompositions;)' >

<!ELEMENT CWMFoundation.KeyRelationship ( %CWMFoundation.KeyRelationshipProperties;
    ,(XMI.extension* , %CWMFoundation.KeyRelationshipAssociations; )
    , %CWMFoundation.KeyRelationshipCompositions; )?>

<!ATTLIST CWMFoundation.KeyRelationship %XMI.element.att; %XMI.link.att; >

<!-- _____ -->

```

```

<!--                                     -->
<!-- CLASS: CWMFoundation.Enumeration -->
<!--                                     -->
<!--                                     -->
<!--                                     -->

<!ELEMENT CWMFoundation.Enumeration.isOrdered EMPTY>
<!ATTLIST CWMFoundation.Enumeration.isOrdered
    xmi.value ( true | false ) #REQUIRED>

<!ENTITY % CWMFoundation.EnumerationProperties '(%Foundation.Core.DataTypeProperties;
    ,CWMFoundation.Enumeration.isOrdered )' >

<!ENTITY % CWMFoundation.EnumerationAssociations '(%Foundation.Core.DataTypeAssociations;)' >

<!ENTITY % CWMFoundation.EnumerationCompositions '(%Foundation.Core.DataTypeCompositions;
    ,CWMFoundation.Enumeration.literal+)' >

<!ELEMENT CWMFoundation.Enumeration ( %CWMFoundation.EnumerationProperties;
    ,(XMI.extension* , %CWMFoundation.EnumerationAssociations; )
    , %CWMFoundation.EnumerationCompositions; )?>

<!ATTLIST CWMFoundation.Enumeration %XMI.element.att; %XMI.link.att; >

<!--                                     -->
<!--                                     -->
<!-- CLASS: CWMFoundation.IndexedFeature -->
<!--                                     -->
<!--                                     -->
<!--                                     -->

<!ELEMENT CWMFoundation.IndexedFeature.isSorted EMPTY>
<!ATTLIST CWMFoundation.IndexedFeature.isSorted
    xmi.value ( true | false ) #REQUIRED>

<!ELEMENT CWMFoundation.IndexedFeature.isAscending EMPTY>
<!ATTLIST CWMFoundation.IndexedFeature.isAscending
    xmi.value ( true | false ) #REQUIRED>

<!ELEMENT CWMFoundation.IndexedFeature.index (Relational.SQLIndex
    |CWMFoundation.Index) >

<!ELEMENT CWMFoundation.IndexedFeature.feature (XML.Attribute
    |CWMFoundation.UnionMember
    |MDDB.DimensionedObject
    |Olap.Measure
    |Foundation.Core.Attribute
    |RecordOriented.Field
    |RecordOriented.FixedOffsetField
    |Foundation.Core.StructuralFeature
    |Relational.Column) >

<!ENTITY % CWMFoundation.IndexedFeatureProperties '(%Foundation.Core.ModelElementProperties;
    ,CWMFoundation.IndexedFeature.isSorted
    ,(CWMFoundation.IndexedFeature.isAscending?))' >

<!ENTITY % CWMFoundation.IndexedFeatureAssociations
    '(%Foundation.Core.ModelElementAssociations;
    ,CWMFoundation.IndexedFeature.index?
    ,CWMFoundation.IndexedFeature.feature )' >

<!ENTITY % CWMFoundation.IndexedFeatureCompositions
    '(%Foundation.Core.ModelElementCompositions;)' >

<!ELEMENT CWMFoundation.IndexedFeature ( %CWMFoundation.IndexedFeatureProperties;
    ,(XMI.extension* , %CWMFoundation.IndexedFeatureAssociations; )
    , %CWMFoundation.IndexedFeatureCompositions; )?>

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```

<!ATTLIST CWMFoundation.IndexedFeature %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: CWMFoundation.ExpressionNode -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT CWMFoundation.ExpressionNode.body (Foundation.Data_Types.ProcedureExpression
|Foundation.Data_Types.ObjectSetExpression
|Foundation.Data_Types.IterationExpression
|Foundation.Data_Types.Expression
|CWMFoundation.QueryExpression
|Foundation.Data_Types.TimeExpression
|Foundation.Data_Types.TypeExpression
|Foundation.Data_Types.ArgListsExpression
|Foundation.Data_Types.BooleanExpression
|Foundation.Data_Types.MappingExpression
|Foundation.Data_Types.ActionExpression)>

<!ELEMENT CWMFoundation.ExpressionNode.type (Transformation.TransformationTask
|XML.ElementType
|MDDB.Dimension
|CWMFoundation.TypeAlias
|Foundation.Core.Class
|CWMFoundation.Enumeration
|Relational.SQLDistinctType
|Foundation.Core.Node
|WarehouseDeployment.SoftwareSystem
|Olap.Hierarchy
|Olap.MemberSelection
|Relational.SQLDataType
|RecordOriented.Record
|Relational.SQLQuery
|Relational.BaseTable
|Relational.ColumnSet
|Relational.SQLSimpleType
|Model_Management.Subsystem
|Foundation.Core.Classifier
|Foundation.Core.Component
|Foundation.Core.Interface
|Foundation.Core.AssociationClass
|RecordOriented.Group
|Behavioral_Elements.Collaborations.ClassifierRole
|Behavioral_Elements.Activity_Graphs.ClassifierInState
|Behavioral_Elements.Use_Cases.UseCase
|Relational.Table
|Olap.ValueBasedHierarchy
|Relational.View
|Olap.CodedLevel
|Olap.CubeDimensionAssociation
|Transformation.TransformationActivity
|Olap.LevelBasedHierarchy
|Olap.Dimension
|Olap.Cube
|Relational.SQLStructuredType
|Foundation.Core.DataType
|Behavioral_Elements.Common_Behavior.Signal
|Behavioral_Elements.Common_Behavior.Exception
|Olap.Level
|Olap.CubeRegion
|Behavioral_Elements.Use_Cases.Actor
|CWMFoundation.Union
|Olap.HierarchyLevelAssociation)?>

<!ELEMENT CWMFoundation.ExpressionNode.operationNode (CWMFoundation.FeatureNode) >

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<!ENTITY % CWMFoundation.ExpressionNodeProperties '(%Foundation.Core.ModelElementProperties;
,CWMFoundation.ExpressionNode.body )' >

<!ENTITY % CWMFoundation.ExpressionNodeAssociations
'(%Foundation.Core.ModelElementAssociations;
,CWMFoundation.ExpressionNode.type?
,CWMFoundation.ExpressionNode.operationNode?)' >

<!ENTITY % CWMFoundation.ExpressionNodeCompositions
'(%Foundation.Core.ModelElementCompositions;)' >

<!ELEMENT CWMFoundation.ExpressionNode ( %CWMFoundation.ExpressionNodeProperties;
,(XMI.extension* , %CWMFoundation.ExpressionNodeAssociations; )
, %CWMFoundation.ExpressionNodeCompositions; )?>

<!ATTLIST CWMFoundation.ExpressionNode %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: CWMFoundation.ConstantNode -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT CWMFoundation.ConstantNode.value (XMI.any)>

<!ENTITY % CWMFoundation.ConstantNodeProperties '(%CWMFoundation.ExpressionNodeProperties;
,CWMFoundation.ConstantNode.value )' >

<!ENTITY % CWMFoundation.ConstantNodeAssociations
'(%CWMFoundation.ExpressionNodeAssociations;)' >

<!ENTITY % CWMFoundation.ConstantNodeCompositions
'(%CWMFoundation.ExpressionNodeCompositions;)' >

<!ELEMENT CWMFoundation.ConstantNode ( %CWMFoundation.ConstantNodeProperties;
,(XMI.extension* , %CWMFoundation.ConstantNodeAssociations; )
, %CWMFoundation.ConstantNodeCompositions; )?>

<!ATTLIST CWMFoundation.ConstantNode %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: CWMFoundation.ElementNode -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT CWMFoundation.ElementNode.element (Transformation.TransformationMap
Transformation.TransformationTree
Transformation.TransformationTask
Transformation.TransformationStep
XML.ElementType
WarehouseProcess.WarehouseProcess
WarehouseProcess.Events.CascadeEvent
WarehouseProcess.Events.CalendarDate
WarehouseProcess.Events.RetryEvent
Foundation.Core.Binding
Foundation.Core.Comment
Foundation.Core.Feature
WarehouseDeployment.DeployedComponent
MDDB.Dimension
WarehouseDeployment.ProviderConnection
XML.Attribute
CWMFoundation.Telephone
CWMFoundation.TypeAlias

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CWMFoundation.UniqueKey  
 CWMFoundation.Document  
 CWMFoundation.EmailID  
 CWMFoundation.Location  
 Model\_Management.Model  
 Foundation.Core.Class  
 Foundation.Core.Method  
 Foundation.Core.Usage  
 XML.MixedContent  
 Model\_Management.Package  
 RecordOriented.RecordFile  
 WarehouseProcess.Events.RecurringPointInTimeEvent  
 Transformation.ClassMap  
 CWMFoundation.Description  
 CWMFoundation.FeatureNode  
 CWMFoundation.ElementNode  
 CWMFoundation.Enumeration  
 CWMFoundation.UnionMember  
 CWMFoundation.ContactInfo  
 CWMFoundation.ConstantNode  
 Relational.SQLDistinctType  
 Relational.SQLIndexColumn  
 Foundation.Core.Flow  
 Foundation.Core.Node  
 Relational.UniqueConstraint  
 WarehouseDeployment.SoftwareSystem  
 MDDb.DimensionedObject  
 CWMFoundation.EnumerationLiteral  
 Olap.Hierarchy  
 Olap.MemberSelection  
 RecordOriented.FieldValueCondition  
 Relational.SQLDataType  
 XML.ElementContent  
 RecordOriented.Record  
 Relational.SQLIndex  
 Relational.SQLQuery  
 Relational.BaseTable  
 Relational.ColumnSet  
 Relational.Procedure  
 Relational.ForeignKey  
 Behavioral\_Elements.Common\_Behavior.Link  
 Behavioral\_Elements.State\_Machines.Event  
 Behavioral\_Elements.State\_Machines.Guard  
 Behavioral\_Elements.State\_Machines.State  
 Transformation.DataObjectSet  
 Olap.Measure  
 Relational.SQLSimpleType  
 WarehouseOperation.ActivityExecution  
 Transformation.Transformation  
 Model\_Management.Subsystem  
 Foundation.Core.Classifier  
 Foundation.Core.Operation  
 Foundation.Core.Component  
 Foundation.Core.Namespace  
 Foundation.Core.Constraint  
 Foundation.Core.Dependency  
 Foundation.Core.Parameter  
 Foundation.Core.Permission  
 Foundation.Core.Abstraction  
 Foundation.Core.Association  
 Foundation.Core.Attribute  
 Foundation.Core.Interface  
 CWMFoundation.DataTypeMapping  
 Foundation.Core.AssociationClass  
 CWMFoundation.KeyRelationship  
 CWMFoundation.ResponsibleParty  
 XML.Schema

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CWMFoundation.IndexedFeature  
 CWMFoundation.ExpressionNode  
 RecordOriented.Field  
 RecordOriented.Group  
 Behavioral\_Elements.Collaborations.ClassifierRole  
 Behavioral\_Elements.Collaborations.AssociationEndRole  
 Behavioral\_Elements.Collaborations.AssociationRole  
 Behavioral\_Elements.State\_Machines.CompositeState  
 Behavioral\_Elements.State\_Machines.SubmachineState  
 Behavioral\_Elements.Common\_Behavior.ActionSequence  
 Behavioral\_Elements.Common\_Behavior.AttributeLink  
 Behavioral\_Elements.Common\_Behavior.ComponentInstance  
 Behavioral\_Elements.Common\_Behavior.DestroyAction  
 Behavioral\_Elements.Common\_Behavior.TerminateAction  
 Behavioral\_Elements.Activity\_Graphs.ActivityGraph  
 Behavioral\_Elements.Activity\_Graphs.ClassifierInState  
 Behavioral\_Elements.Activity\_Graphs.ObjectFlowState  
 Behavioral\_Elements.Activity\_Graphs.SubactivityState  
 Behavioral\_Elements.Activity\_Graphs.ActionState  
 WarehouseOperation.Measurement  
 Behavioral\_Elements.Use\_Cases.Include  
 Behavioral\_Elements.Use\_Cases.UseCase  
 Relational.Table  
 Behavioral\_Elements.Collaborations.Interaction  
 Behavioral\_Elements.Common\_Behavior.CallAction  
 Behavioral\_Elements.Common\_Behavior.LinkObject  
 Olap.ValueBasedHierarchy  
 WarehouseDeployment.Site  
 Relational.View  
 Olap.CodedLevel  
 WarehouseProcess.Events.CustomCalendar  
 WarehouseProcess.Events.ExternalEvent  
 WarehouseProcess.Events.IntervalEvent  
 WarehouseProcess.Events.ScheduleEvent  
 WarehouseProcess.Events.WarehouseEvent  
 RecordOriented.FixedOffsetField  
 Behavioral\_Elements.Collaborations.Collaboration  
 Behavioral\_Elements.Common\_Behavior.CreateAction  
 Behavioral\_Elements.Common\_Behavior.NodeInstance  
 Behavioral\_Elements.Common\_Behavior.ReturnAction  
 Olap.CubeDimensionAssociation  
 Olap.DimensionMap  
 Olap.HierarchyMap  
 Transformation.PrecedenceConstrainedBy  
 Transformation.TransformationActivity  
 Transformation.AttributeMap  
 XML.Content  
 Olap.LevelBasedHierarchy  
 Olap.Dimension  
 Olap.Cube  
 Relational.SQLStructuredType  
 Olap.LevelMap  
 WarehouseDeployment.DataProvider  
 WarehouseDeployment.DataResource  
 Olap.Schema  
 WarehouseDeployment.Machine  
 WarehouseOperation.ChangeRequest  
 Foundation.Extension\_Mechanisms.Stereotype  
 WarehouseOperation.StepExecution  
 WarehouseProcess.Events.PointInTimeEvent  
 WarehouseProcess.Events.CustomCalendarEvent  
 Foundation.Core.DataType  
 MDDB.Schema  
 Foundation.Core.ModelElement  
 Foundation.Core.Relationship  
 Foundation.Core.Generalization  
 Foundation.Core.AssociationEnd

```

Behavioral_Elements.Activity_Graphs.CallState
Behavioral_Elements.Activity_Graphs.Partition
Behavioral_Elements.Collaborations.Message
Behavioral_Elements.Common_Behavior.LinkEnd
Behavioral_Elements.Common_Behavior.DataValue
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Object
Behavioral_Elements.Common_Behavior.Argument
Behavioral_Elements.Common_Behavior.Action
Behavioral_Elements.Common_Behavior.Exception
Behavioral_Elements.Common_Behavior.Stimulus
Foundation.Core.BehavioralFeature
Behavioral_Elements.State_Machines.CallEvent
Behavioral_Elements.State_Machines.FinalState
Behavioral_Elements.State_Machines.SynchState
Behavioral_Elements.State_Machines.StubState
Behavioral_Elements.State_Machines.Transition
Behavioral_Elements.State_Machines.TimeEvent
Behavioral_Elements.Use_Cases.ExtensionPoint
Behavioral_Elements.Use_Cases.UseCaseInstance
Foundation.Core.GeneralizableElement
Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema
Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation) >

<!ENTITY % CWMFoundation.ElementNodeProperties ‘(%CWMFoundation.ExpressionNodeProperties;)’ >
<!ENTITY % CWMFoundation.ElementNodeAssociations ‘(%CWMFoundation.ExpressionNodeAssociations;
,CWMFoundation.ElementNode.element )’ >
<!ENTITY % CWMFoundation.ElementNodeCompositions
‘(%CWMFoundation.ExpressionNodeCompositions;)’ >
<!ELEMENT CWMFoundation.ElementNode ( %CWMFoundation.ElementNodeProperties;
,(XMI.extension* , %CWMFoundation.ElementNodeAssociations; )
, %CWMFoundation.ElementNodeCompositions; )?>
<!ATTLIST CWMFoundation.ElementNode %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: CWMFoundation.FeatureNode -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT CWMFoundation.FeatureNode.feature (Foundation.Core.Feature
|XML.Attribute
|Foundation.Core.Method

```

```

|CWMFoundation.UnionMember
|MDDB.DimensionedObject
|Relational.Procedure
|Olap.Measure
|Foundation.Core.Operation
|Foundation.Core.Attribute
|RecordOriented.Field
|RecordOriented.FixedOffsetField
|Behavioral_Elements.Common_Behavior.Reception
|Foundation.Core.BehavioralFeature
|Foundation.Core.StructuralFeature
|Relational.Column) >

<!ENTITY % CWMFoundation.FeatureNodeProperties ‘(%CWMFoundation.ExpressionNodeProperties;)’ >
<!ENTITY % CWMFoundation.FeatureNodeAssociations ‘(%CWMFoundation.ExpressionNodeAssociations;
,CWMFoundation.FeatureNode.feature )’ >
<!ENTITY % CWMFoundation.FeatureNodeCompositions ‘(%CWMFoundation.ExpressionNodeCompositions;
,CWMFoundation.FeatureNode.argument*)’ >
<!ELEMENT CWMFoundation.FeatureNode ( %CWMFoundation.FeatureNodeProperties;
,(XMI.extension* , %CWMFoundation.FeatureNodeAssociations; )
, %CWMFoundation.FeatureNodeCompositions; )?>
<!ATTLIST CWMFoundation.FeatureNode %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: CWMFoundation.Document -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT CWMFoundation.Document.reference (#PCDATA|XMI.reference)*>
<!ELEMENT CWMFoundation.Document.element (Transformation.TransformationMap
|Transformation.TransformationTree
|Transformation.TransformationTask
|Transformation.TransformationStep
|XML.ElementType
|WarehouseProcess.WarehouseProcess
|WarehouseProcess.Events.CascadeEvent
|WarehouseProcess.Events.CalendarDate
|WarehouseProcess.Events.RetryEvent
|Foundation.Core.Binding
|Foundation.Core.Comment
|Foundation.Core.Feature
|WarehouseDeployment.DeployedComponent
|MDDB.Dimension
|WarehouseDeployment.ProviderConnection
|XML.Attribute
|CWMFoundation.Telephone
|CWMFoundation.TypeAlias
|CWMFoundation.UniqueKey
|CWMFoundation.Document
|CWMFoundation.EMailID
|CWMFoundation.Location
|Model_Management.Model
|Foundation.Core.Class
|Foundation.Core.Method
|Foundation.Core.Usage
|XML.MixedContent
|Model_Management.Package
|RecordOriented.RecordFile
|WarehouseProcess.Events.RecurringPointInTimeEvent
|Transformation.ClassMap

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CWMFoundation.Description  
 CWMFoundation.FeatureNode  
 CWMFoundation.ElementNode  
 CWMFoundation.Enumeration  
 CWMFoundation.UnionMember  
 CWMFoundation.ContactInfo  
 CWMFoundation.ConstantNode  
 Relational.SQLDistinctType  
 Relational.SQLIndexColumn  
 Foundation.Core.Flow  
 Foundation.Core.Node  
 Relational.UniqueConstraint  
 WarehouseDeployment.SoftwareSystem  
 MDDb.DimensionedObject  
 CWMFoundation.EnumerationLiteral  
 Olap.Hierarchy  
 Olap.MemberSelection  
 RecordOriented.FieldValueCondition  
 Relational.SQLDataType  
 XML.ElementContent  
 RecordOriented.Record  
 Relational.SQLIndex  
 Relational.SQLQuery  
 Relational.BaseTable  
 Relational.ColumnSet  
 Relational.Procedure  
 Relational.ForeignKey  
 Behavioral\_Elements.Common\_Behavior.Link  
 Behavioral\_Elements.State\_Machines.Event  
 Behavioral\_Elements.State\_Machines.Guard  
 Behavioral\_Elements.State\_Machines.State  
 Transformation.DataObjectSet  
 Olap.Measure  
 Relational.SQLSimpleType  
 WarehouseOperation.ActivityExecution  
 Transformation.Transformation  
 Model\_Management.Subsystem  
 Foundation.Core.Classifier  
 Foundation.Core.Operation  
 Foundation.Core.Component  
 Foundation.Core.Namespace  
 Foundation.Core.Constraint  
 Foundation.Core.Dependency  
 Foundation.Core.Parameter  
 Foundation.Core.Permission  
 Foundation.Core.Abstraction  
 Foundation.Core.Association  
 Foundation.Core.Attribute  
 Foundation.Core.Interface  
 CWMFoundation.DataTypeMapping  
 Foundation.Core.AssociationClass  
 CWMFoundation.KeyRelationship  
 CWMFoundation.ResponsibleParty  
 XML.Schema  
 CWMFoundation.IndexedFeature  
 CWMFoundation.ExpressionNode  
 RecordOriented.Field  
 RecordOriented.Group  
 Behavioral\_Elements.Collaborations.ClassifierRole  
 Behavioral\_Elements.Collaborations.AssociationEndRole  
 Behavioral\_Elements.Collaborations.AssociationRole  
 Behavioral\_Elements.State\_Machines.CompositeState  
 Behavioral\_Elements.State\_Machines.SubmachineState  
 Behavioral\_Elements.Common\_Behavior.ActionSequence  
 Behavioral\_Elements.Common\_Behavior.AttributeLink  
 Behavioral\_Elements.Common\_Behavior.ComponentInstance  
 Behavioral\_Elements.Common\_Behavior.DestroyAction

Behavioral\_Elements.Common\_Behavior.TerminateAction  
 Behavioral\_Elements.Activity\_Graphs.ActivityGraph  
 Behavioral\_Elements.Activity\_Graphs.ClassifierInState  
 Behavioral\_Elements.Activity\_Graphs.ObjectFlowState  
 Behavioral\_Elements.Activity\_Graphs.SubactivityState  
 Behavioral\_Elements.Activity\_Graphs.ActionState  
 WarehouseOperation.Measurement  
 Behavioral\_Elements.Use\_Cases.Include  
 Behavioral\_Elements.Use\_Cases.UseCase  
 Relational.Table  
 Behavioral\_Elements.Collaborations.Interaction  
 Behavioral\_Elements.Common\_Behavior.CallAction  
 Behavioral\_Elements.Common\_Behavior.LinkObject  
 Olap.ValueBasedHierarchy  
 WarehouseDeployment.Site  
 Relational.View  
 Olap.CodedLevel  
 WarehouseProcess.Events.CustomCalendar  
 WarehouseProcess.Events.ExternalEvent  
 WarehouseProcess.Events.IntervalEvent  
 WarehouseProcess.Events.ScheduleEvent  
 WarehouseProcess.Events.WarehouseEvent  
 RecordOriented.FixedOffsetField  
 Behavioral\_Elements.Collaborations.Collaboration  
 Behavioral\_Elements.Common\_Behavior.CreateAction  
 Behavioral\_Elements.Common\_Behavior.NodeInstance  
 Behavioral\_Elements.Common\_Behavior.ReturnAction  
 Olap.CubeDimensionAssociation  
 Olap.DimensionMap  
 Olap.HierarchyMap  
 Transformation.PrecedenceConstrainedBy  
 Transformation.TransformationActivity  
 Transformation.AttributeMap  
 XML.Content  
 Olap.LevelBasedHierarchy  
 Olap.Dimension  
 Olap.Cube  
 Relational.SQLStructuredType  
 Olap.LevelMap  
 WarehouseDeployment.DataProvider  
 WarehouseDeployment.DataResource  
 Olap.Schema  
 WarehouseDeployment.Machine  
 WarehouseOperation.ChangeRequest  
 Foundation.Extension\_Mechanisms.Stereotype  
 WarehouseOperation.StepExecution  
 WarehouseProcess.Events.PointInTimeEvent  
 WarehouseProcess.Events.CustomCalendarEvent  
 Foundation.Core.DataType  
 MDDB.Schema  
 Foundation.Core.ModelElement  
 Foundation.Core.Relationship  
 Foundation.Core.Generalization  
 Foundation.Core.AssociationEnd  
 Behavioral\_Elements.Activity\_Graphs.CallState  
 Behavioral\_Elements.Activity\_Graphs.Partition  
 Behavioral\_Elements.Collaborations.Message  
 Behavioral\_Elements.Common\_Behavior.LinkEnd  
 Behavioral\_Elements.Common\_Behavior.DataValue  
 Behavioral\_Elements.Common\_Behavior.Signal  
 Behavioral\_Elements.Common\_Behavior.Object  
 Behavioral\_Elements.Common\_Behavior.Argument  
 Behavioral\_Elements.Common\_Behavior.Action  
 Behavioral\_Elements.Common\_Behavior.Exception  
 Behavioral\_Elements.Common\_Behavior.Stimulus  
 Foundation.Core.BehavioralFeature  
 Behavioral\_Elements.State\_Machines.CallEvent

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Behavioral_Elements.State_Machines.FinalState
Behavioral_Elements.State_Machines.SynchState
Behavioral_Elements.State_Machines.StubState
Behavioral_Elements.State_Machines.Transition
Behavioral_Elements.State_Machines.TimeEvent
Behavioral_Elements.Use_Cases.ExtensionPoint
Behavioral_Elements.Use_Cases.UseCaseInstance
Foundation.Core.GeneralizableElement
Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema
Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation)*>

<!ENTITY % CWMFoundation.DocumentProperties '(%Foundation.Core.ModelElementProperties;
,CWMFoundation.Document.reference )' >

<!ENTITY % CWMFoundation.DocumentAssociations '(%Foundation.Core.ModelElementAssociations;
,CWMFoundation.Document.element*)' >

<!ENTITY % CWMFoundation.DocumentCompositions '(%Foundation.Core.ModelElementCompositions;)'
>

<!ELEMENT CWMFoundation.Document ( %CWMFoundation.DocumentProperties;
,(XMI.extension* , %CWMFoundation.DocumentAssociations; )
, %CWMFoundation.DocumentCompositions; )?>

<!ATTLIST CWMFoundation.Document %XMI.element.att; %XMI.link.att; >

<!ELEMENT CWMFoundation ((CWMFoundation.QueryExpression
CWMFoundation.Union
CWMFoundation.UnionMember
CWMFoundation.TypeAlias
CWMFoundation.ResponsibleParty
CWMFoundation.Telephone
CWMFoundation.EMailID
CWMFoundation.Location
CWMFoundation.ContactInfo
CWMFoundation.EnumerationLiteral
CWMFoundation.Description
CWMFoundation.DataTypeMapping
CWMFoundation.UniqueKey
CWMFoundation.Index
CWMFoundation.KeyRelationship
CWMFoundation.Enumeration
CWMFoundation.IndexedFeature
CWMFoundation.ExpressionNode
CWMFoundation.ConstantNode
CWMFoundation.ElementNode
CWMFoundation.FeatureNode
CWMFoundation.Document)*>

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<!-- CWMFoundation %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- PACKAGE: RecordOriented -->
<!-- _____ -->
<!-- _____ -->

<!-- ***** RecordOriented.FieldValueConditions ***** -->
<!-- ELEMENT RecordOriented.Field.valueCondition ( RecordOriented.FieldvalueCondition)* >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: RecordOriented.Field -->
<!-- _____ -->
<!-- _____ -->

<!-- ENTITY % RecordOriented.FieldProperties '(%Foundation.Core.AttributeProperties;)' >
<!-- ENTITY % RecordOriented.FieldAssociations '(%Foundation.Core.AttributeAssociations;)' >
<!-- ENTITY % RecordOriented.FieldCompositions '(%Foundation.Core.AttributeCompositions;
,RecordOriented.Field.valueCondition*)' >

<!-- ELEMENT RecordOriented.Field ( %RecordOriented.FieldProperties;
,XMI.extension* , %RecordOriented.FieldAssociations; )
, %RecordOriented.FieldCompositions; )?>

<!-- ATTLIST RecordOriented.Field %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: RecordOriented.Record -->
<!-- _____ -->
<!-- _____ -->

<!-- ELEMENT RecordOriented.Record.fieldDelimiter (#PCDATA|XMI.reference)*>
<!-- ELEMENT RecordOriented.Record.recordDelimiter (#PCDATA|XMI.reference)*>
<!-- ELEMENT RecordOriented.Record.isFixedWidth EMPTY>
<!-- ATTLIST RecordOriented.Record.isFixedWidth
xmi.value ( true | false ) #REQUIRED>

<!-- ELEMENT RecordOriented.Record.isSelfDescribing EMPTY>
<!-- ATTLIST RecordOriented.Record.isSelfDescribing
xmi.value ( true | false ) #REQUIRED>

<!-- ELEMENT RecordOriented.Record.skipRecords (#PCDATA|XMI.reference)*>
<!-- ELEMENT RecordOriented.Record.textDelimiter (#PCDATA|XMI.reference)*>
<!-- ELEMENT RecordOriented.Record.formatName (#PCDATA|XMI.reference)*>
<!-- ELEMENT RecordOriented.Record.file (RecordOriented.RecordFile)*>

<!-- ENTITY % RecordOriented.RecordProperties '(%Foundation.Core.ClassProperties;
,RecordOriented.Record.fieldDelimiter
,RecordOriented.Record.recordDelimiter
,RecordOriented.Record.isFixedWidth
,RecordOriented.Record.isSelfDescribing

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```

,RecordOriented.Record.skipRecords
,RecordOriented.Record.textDelimiter
,RecordOriented.Record.formatName )' >

<!ENTITY % RecordOriented.RecordAssociations '(%Foundation.Core.ClassAssociations;
,RecordOriented.Record.file*)' >

<!ENTITY % RecordOriented.RecordCompositions '(%Foundation.Core.ClassCompositions;)' >

<!ELEMENT RecordOriented.Record ( %RecordOriented.RecordProperties;
,(XMI.extension* , %RecordOriented.RecordAssociations; )
, %RecordOriented.RecordCompositions; )?>

<!ATTLIST RecordOriented.Record %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: RecordOriented.Group -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % RecordOriented.GroupProperties '(%Foundation.Core.ClassifierProperties;)' >

<!ENTITY % RecordOriented.GroupAssociations '(%Foundation.Core.ClassifierAssociations;
,Foundation.Core.Classifier.participant*
,Foundation.Core.Classifier.powertypeRange*)' >

<!ENTITY % RecordOriented.GroupCompositions '(%Foundation.Core.ClassifierCompositions;
,Foundation.Core.Classifier.feature*)' >

<!ELEMENT RecordOriented.Group ( %RecordOriented.GroupProperties;
,(XMI.extension* , %RecordOriented.GroupAssociations; )
, %RecordOriented.GroupCompositions; )?>

<!ATTLIST RecordOriented.Group %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: RecordOriented.FieldValueCondition -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT RecordOriented.FieldValueCondition.value (Foundation.Data_Types.ProcedureExpression
|Foundation.Data_Types.ObjectSetExpression
|Foundation.Data_Types.IterationExpression
|Foundation.Data_Types.Expression
|CWMFoundation.QueryExpression
|Foundation.Data_Types.TimeExpression
|Foundation.Data_Types.TypeExpression
|Foundation.Data_Types.ArgListsExpression
|Foundation.Data_Types.BooleanExpression
|Foundation.Data_Types.MappingExpression
|Foundation.Data_Types.ActionExpression)>

<!ELEMENT RecordOriented.FieldValueCondition.field (RecordOriented.Field
|RecordOriented.FixedOffsetField) >

<!ENTITY % RecordOriented.FieldValueConditionProperties
'(%Foundation.Core.ModelElementProperties;
,RecordOriented.FieldValueCondition.value )' >

<!ENTITY % RecordOriented.FieldValueConditionAssociations
'(%Foundation.Core.ModelElementAssociations;
,RecordOriented.FieldValueCondition.field?)' >

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<!ENTITY % RecordOriented.FieldValueConditionCompositions
    '(%Foundation.Core.ModelElementCompositions;)' >

<!ELEMENT RecordOriented.FieldValueCondition ( %RecordOriented.FieldValueConditionProperties;
    , (XMI.extension* , %RecordOriented.FieldValueConditionAssociations; )
    , %RecordOriented.FieldValueConditionCompositions; )?>

<!ATTLIST RecordOriented.FieldValueCondition %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: RecordOriented.FixedOffsetField -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT RecordOriented.FixedOffsetField.offset (#PCDATA|XMI.reference)*>
<!ELEMENT RecordOriented.FixedOffsetField.offsetUnitBits (#PCDATA|XMI.reference)*>

<!ENTITY % RecordOriented.FixedOffsetFieldProperties '(%RecordOriented.FieldProperties;
    , RecordOriented.FixedOffsetField.offset
    , RecordOriented.FixedOffsetField.offsetUnitBits )' >

<!ENTITY % RecordOriented.FixedOffsetFieldAssociations '(%RecordOriented.FieldAssociations;)'
    >

<!ENTITY % RecordOriented.FixedOffsetFieldCompositions '(%RecordOriented.FieldCompositions;)'
    >

<!ELEMENT RecordOriented.FixedOffsetField ( %RecordOriented.FixedOffsetFieldProperties;
    , (XMI.extension* , %RecordOriented.FixedOffsetFieldAssociations; )
    , %RecordOriented.FixedOffsetFieldCompositions; )?>

<!ATTLIST RecordOriented.FixedOffsetField %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: RecordOriented.RecordFile -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT RecordOriented.RecordFile.record (RecordOriented.Record)*>

<!ENTITY % RecordOriented.RecordFileProperties '(%Model_Management.PackageProperties;)' >

<!ENTITY % RecordOriented.RecordFileAssociations '(%Model_Management.PackageAssociations;
    , RecordOriented.RecordFile.record*)' >

<!ENTITY % RecordOriented.RecordFileCompositions '(%Model_Management.PackageCompositions;)' >

<!ELEMENT RecordOriented.RecordFile ( %RecordOriented.RecordFileProperties;
    , (XMI.extension* , %RecordOriented.RecordFileAssociations; )
    , %RecordOriented.RecordFileCompositions; )?>

<!ATTLIST RecordOriented.RecordFile %XMI.element.att; %XMI.link.att; >

<!ELEMENT RecordOriented ((RecordOriented.Field
    | RecordOriented.Record
    | RecordOriented.Group
    | RecordOriented.FieldValueCondition
    | RecordOriented.FixedOffsetField
    | RecordOriented.RecordFile)*)>
<!ATTLIST RecordOriented %XMI.element.att; %XMI.link.att; >

```

```

<!-- _____ -->
<!-- _____ -->
<!-- PACKAGE: Relational _____ -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Relational.DataTypes.ActionOrientationType
' xmi.value ( row| statement ) #REQUIRED'>

<!ENTITY % Relational.DataTypes.ConditionTimingType
' xmi.value ( before| after ) #REQUIRED'>

<!ENTITY % Relational.DataTypes.DeferrabilityType
' xmi.value ( importedKeyInitiallyDeferred| importedKeyInitiallyImmediate|
importedKeyNotDeferrable ) #REQUIRED'>

<!ENTITY % Relational.DataTypes.EventManipulationType
' xmi.value ( insert| delete| update ) #REQUIRED'>

<!ENTITY % Relational.DataTypes.NullableType
' xmi.value ( columnNotNulls| columnNullable| columnNullableUnknown ) #REQUIRED'>

<!ENTITY % Relational.DataTypes.ProcedureType
' xmi.value ( procedure| function ) #REQUIRED'>

<!ENTITY % Relational.DataTypes.ReferentialRuleType
' xmi.value ( importedKeyNoAction| importedKeyCascade| importedKeySetNull|
importedKeyRestrict| importedKeySetDefault ) #REQUIRED'>

<!-- _____ -->
<!-- _____ -->
<!-- PACKAGE: Relational.DataTypes _____ -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Relational.DataTypes EMPTY>
<!ATTLIST Relational.DataTypes %XMI.element.att; %XMI.link.att;>

<!-- ***** Relational.DataResourceOwningCatalog ***** -->

<!ELEMENT Relational.DataResourceOwningCatalog.catalog (XMI.reference )+ >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Relational.Catalog _____ -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Relational.Catalog.dataResource (WarehouseDeployment.DataProvider
|WarehouseDeployment.DataResource) >

<!ENTITY % Relational.CatalogProperties '(%Model_Management.PackageProperties;)' >

<!ENTITY % Relational.CatalogAssociations '(%Model_Management.PackageAssociations;
,Relational.Catalog.dataResource?)' >

<!ENTITY % Relational.CatalogCompositions '(%Model_Management.PackageCompositions;)' >

<!ELEMENT Relational.Catalog ( %Relational.CatalogProperties;
,(XMI.extension* , %Relational.CatalogAssociations; )
, %Relational.CatalogCompositions; )?>

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<!ATTLIST Relational.Catalog %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Relational.Schema _____ -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Relational.SchemaProperties '(%Model_Management.PackageProperties;)' >
<!ENTITY % Relational.SchemaAssociations '(%Model_Management.PackageAssociations;)' >
<!ENTITY % Relational.SchemaCompositions '(%Model_Management.PackageCompositions;)' >
<!ELEMENT Relational.Schema ( %Relational.SchemaProperties;
    , (XMI.extension* , %Relational.SchemaAssociations; )
    , %Relational.SchemaCompositions; )? >

<!ATTLIST Relational.Schema %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Relational.ColumnSet _____ -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Relational.ColumnSetProperties '(%Foundation.Core.ClassProperties;)' >
<!ENTITY % Relational.ColumnSetAssociations '(%Foundation.Core.ClassAssociations;)' >
<!ENTITY % Relational.ColumnSetCompositions '(%Foundation.Core.ClassCompositions;)' >
<!ELEMENT Relational.ColumnSet ( %Relational.ColumnSetProperties;
    , (XMI.extension* , %Relational.ColumnSetAssociations; )
    , %Relational.ColumnSetCompositions; )? >

<!ATTLIST Relational.ColumnSet %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Relational.Table _____ -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Relational.Table.isSystem EMPTY>
<!ATTLIST Relational.Table.isSystem
    xmi.value ( true | false ) #REQUIRED>

<!ELEMENT Relational.Table.usingTrigger (Relational.Trigger)*>
<!ELEMENT Relational.Table.type (Relational.SQLStructuredType)?>
<!ELEMENT Relational.Table.column (Relational.Column)*>
<!ENTITY % Relational.TableProperties '(%Relational.ColumnSetProperties;
    , Relational.Table.isSystem )' >
<!ENTITY % Relational.TableAssociations '(%Relational.ColumnSetAssociations;
    , Relational.Table.usingTrigger*
    , Relational.Table.type?
    , Relational.Table.column*)' >
<!ENTITY % Relational.TableCompositions '(%Relational.ColumnSetCompositions;)' >

```

```

<!ELEMENT Relational.Table ( %Relational.TableProperties;
    ,(XMI.extension* , %Relational.TableAssociations; )
    , %Relational.TableCompositions; )?>

<!ATTLIST Relational.Table %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Relational.BaseTable -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Relational.BaseTable.isTemporary EMPTY>
<!ATTLIST Relational.BaseTable.isTemporary
    xmi.value ( true | false ) #REQUIRED>

<!ELEMENT Relational.BaseTable.tmporaryScope (#PCDATA|XMI.reference)*>
<!ELEMENT Relational.BaseTable.trigger (Relational.Trigger)*>

<!ENTITY % Relational.BaseTableProperties '(%Relational.TableProperties;
    ,Relational.BaseTable.isTemporary
    ,Relational.BaseTable.tmporaryScope )' >

<!ENTITY % Relational.BaseTableAssociations '(%Relational.TableAssociations;
    ,Relational.BaseTable.trigger*)' >

<!ENTITY % Relational.BaseTableCompositions '(%Relational.TableCompositions;)' >

<!ELEMENT Relational.BaseTable ( %Relational.BaseTableProperties;
    ,(XMI.extension* , %Relational.BaseTableAssociations; )
    , %Relational.BaseTableCompositions; )?>

<!ATTLIST Relational.BaseTable %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Relational.View -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Relational.View.isReadOnly EMPTY>
<!ATTLIST Relational.View.isReadOnly
    xmi.value ( true | false ) #REQUIRED>

<!ELEMENT Relational.View.checkOption EMPTY>
<!ATTLIST Relational.View.checkOption
    xmi.value ( true | false ) #REQUIRED>

<!ELEMENT Relational.View.queryExpression (CWMFoundation.QueryExpression)>

<!ENTITY % Relational.ViewProperties '(%Relational.TableProperties;
    ,Relational.View.isReadOnly
    ,Relational.View.checkOption
    ,Relational.View.queryExpression )' >

<!ENTITY % Relational.ViewAssociations '(%Relational.TableAssociations;)' >
<!ENTITY % Relational.ViewCompositions '(%Relational.TableCompositions;)' >

<!ELEMENT Relational.View ( %Relational.ViewProperties;
    ,(XMI.extension* , %Relational.ViewAssociations; )
    , %Relational.ViewCompositions; )?>

<!ATTLIST Relational.View %XMI.element.att; %XMI.link.att; >

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```

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Relational.SQLQuery _____ -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Relational.SQLQueryProperties ‘(%Relational.ColumnSetProperties;)’ >
<!ENTITY % Relational.SQLQueryAssociations ‘(%Relational.ColumnSetAssociations;)’ >
<!ENTITY % Relational.SQLQueryCompositions ‘(%Relational.ColumnSetCompositions;)’ >
<!ELEMENT Relational.SQLQuery ( %Relational.SQLQueryProperties;
    , (XMI.extension* , %Relational.SQLQueryAssociations; )
    , %Relational.SQLQueryCompositions; )?>
<!ATTLIST Relational.SQLQuery %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Relational.SQLDataType _____ -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Relational.SQLDataTypeProperties ‘(%Foundation.Core.DataTypeProperties;)’ >
<!ENTITY % Relational.SQLDataTypeAssociations ‘(%Foundation.Core.DataTypeAssociations;)’ >
<!ENTITY % Relational.SQLDataTypeCompositions ‘(%Foundation.Core.DataTypeCompositions;)’ >
<!ELEMENT Relational.SQLDataType ( %Relational.SQLDataTypeProperties;
    , (XMI.extension* , %Relational.SQLDataTypeAssociations; )
    , %Relational.SQLDataTypeCompositions; )?>
<!ATTLIST Relational.SQLDataType %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Relational.SQLDistinctType _____ -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Relational.SQLDistinctTypeProperties ‘(%Relational.SQLDataTypeProperties;)’ >
<!ENTITY % Relational.SQLDistinctTypeAssociations ‘(%Relational.SQLDataTypeAssociations;)’ >
<!ENTITY % Relational.SQLDistinctTypeCompositions ‘(%Relational.SQLDataTypeCompositions;)’ >
<!ELEMENT Relational.SQLDistinctType ( %Relational.SQLDistinctTypeProperties;
    , (XMI.extension* , %Relational.SQLDistinctTypeAssociations; )
    , %Relational.SQLDistinctTypeCompositions; )?>
<!ATTLIST Relational.SQLDistinctType %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Relational.SQLSimpleType _____ -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Relational.SQLSimpleType.characterMaximumLength (#PCDATA|XMI.reference)*>

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<!ELEMENT Relational.SQLSimpleType.characterOctetLength (#PCDATA|XMI.reference)*>
<!ELEMENT Relational.SQLSimpleType.numericPrecision (#PCDATA|XMI.reference)*>
<!ELEMENT Relational.SQLSimpleType.numericPrecisionRadix (#PCDATA|XMI.reference)*>
<!ELEMENT Relational.SQLSimpleType.numericScale (#PCDATA|XMI.reference)*>
<!ELEMENT Relational.SQLSimpleType.dateTimePrecision (#PCDATA|XMI.reference)*>
<!ENTITY % Relational.SQLSimpleTypeProperties '(%Relational.SQLDataTypeProperties;
,Relational.SQLSimpleType.characterMaximumLength
,Relational.SQLSimpleType.characterOctetLength
,Relational.SQLSimpleType.numericPrecision
,Relational.SQLSimpleType.numericPrecisionRadix
,Relational.SQLSimpleType.numericScale
,Relational.SQLSimpleType.dateTimePrecision )' >
<!ENTITY % Relational.SQLSimpleTypeAssociations '(%Relational.SQLDataTypeAssociations;)' >
<!ENTITY % Relational.SQLSimpleTypeCompositions '(%Relational.SQLDataTypeCompositions;)' >
<!ELEMENT Relational.SQLSimpleType ( %Relational.SQLSimpleTypeProperties;
,(XMI.extension*, %Relational.SQLSimpleTypeAssociations; )
, %Relational.SQLSimpleTypeCompositions; )?>
<!ATTLIST Relational.SQLSimpleType %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Relational.SQLStructuredType -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Relational.SQLStructuredType.table (Relational.BaseTable
|Relational.Table
|Relational.View)*>
<!ELEMENT Relational.SQLStructuredType.column (Relational.Column)*>
<!ENTITY % Relational.SQLStructuredTypeProperties '(%Relational.SQLDataTypeProperties;)' >
<!ENTITY % Relational.SQLStructuredTypeAssociations '(%Relational.SQLDataTypeAssociations;
,Relational.SQLStructuredType.table*
,Relational.SQLStructuredType.column*)' >
<!ENTITY % Relational.SQLStructuredTypeCompositions '(%Relational.SQLDataTypeCompositions;)'
>
<!ELEMENT Relational.SQLStructuredType ( %Relational.SQLStructuredTypeProperties;
,(XMI.extension*, %Relational.SQLStructuredTypeAssociations; )
, %Relational.SQLStructuredTypeCompositions; )?>
<!ATTLIST Relational.SQLStructuredType %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Relational.Column -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Relational.Column.precision (#PCDATA|XMI.reference)*>
<!ELEMENT Relational.Column.scale (#PCDATA|XMI.reference)*>

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<!ELEMENT Relational.Column.isNullable EMPTY>
<!ATTLIST Relational.Column.isNullable %Relational.DataTypes.NullableType;>

<!ELEMENT Relational.Column.reference (Relational.SQLStructuredType)?>

<!ELEMENT Relational.Column.table (Relational.BaseTable
|Relational.Table
|Relational.View)?>

<!ENTITY % Relational.ColumnProperties ‘(%Foundation.Core.AttributeProperties;
,Relational.Column.precision
,Relational.Column.scale
,Relational.Column.isNullable )’ >

<!ENTITY % Relational.ColumnAssociations ‘(%Foundation.Core.AttributeAssociations;
,Relational.Column.reference?
,Relational.Column.table?)’ >

<!ENTITY % Relational.ColumnCompositions ‘(%Foundation.Core.AttributeCompositions;)’ >

<!ELEMENT Relational.Column ( %Relational.ColumnProperties;
,(XMI.extension* , %Relational.ColumnAssociations; )
, %Relational.ColumnCompositions; )?>

<!ATTLIST Relational.Column %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Relational.Procedure -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Relational.Procedure.type EMPTY>
<!ATTLIST Relational.Procedure.type %Relational.DataTypes.ProcedureType;>

<!ENTITY % Relational.ProcedureProperties ‘(%Foundation.Core.MethodProperties;
,Relational.Procedure.type )’ >

<!ENTITY % Relational.ProcedureAssociations ‘(%Foundation.Core.MethodAssociations;)’ >
<!ENTITY % Relational.ProcedureCompositions ‘(%Foundation.Core.MethodCompositions;)’ >

<!ELEMENT Relational.Procedure ( %Relational.ProcedureProperties;
,(XMI.extension* , %Relational.ProcedureAssociations; )
, %Relational.ProcedureCompositions; )?>

<!ATTLIST Relational.Procedure %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Relational.Trigger -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Relational.Trigger.eventManipulation EMPTY>
<!ATTLIST Relational.Trigger.eventManipulation %Relational.DataTypes.EventManipulationType;>

<!ELEMENT Relational.Trigger.actionCondition (Foundation.Data_Types.BooleanExpression)>

<!ELEMENT Relational.Trigger.actionStatement (Foundation.Data_Types.ProcedureExpression
|CWMFoundation.QueryExpression)>

<!ELEMENT Relational.Trigger.actionOrientation EMPTY>
<!ATTLIST Relational.Trigger.actionOrientation %Relational.DataTypes.ActionOrientationType;>

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<!ELEMENT Relational.Trigger.conditionTiming EMPTY>
<!ATTLIST Relational.Trigger.conditionTiming %Relational.DataTypes.ConditionTimingType;>

<!ELEMENT Relational.Trigger.conditionReferenceNewTable (#PCDATA|XMI.reference)*>
<!ELEMENT Relational.Trigger.conditionReferenceOldTable (#PCDATA|XMI.reference)*>
<!ELEMENT Relational.Trigger.usedTable (Relational.BaseTable
|Relational.Table
|Relational.View)*>

<!ELEMENT Relational.Trigger.table (Relational.BaseTable) >

<!ENTITY % Relational.TriggerProperties ‘(%Foundation.Core.ModelElementProperties;
,Relational.Trigger.eventManipulation
,Relational.Trigger.actionCondition
,Relational.Trigger.actionStatement
,Relational.Trigger.actionOrientation
,Relational.Trigger.conditionTiming
,Relational.Trigger.conditionReferenceNewTable
,Relational.Trigger.conditionReferenceOldTable )’ >

<!ENTITY % Relational.TriggerAssociations ‘(%Foundation.Core.ModelElementAssociations;
,Relational.Trigger.usedTable*
,Relational.Trigger.table )’ >

<!ENTITY % Relational.TriggerCompositions ‘(%Foundation.Core.ModelElementCompositions;)’ >

<!ELEMENT Relational.Trigger ( %Relational.TriggerProperties;
,(XMI.extension* , %Relational.TriggerAssociations; )
, %Relational.TriggerCompositions; )?>

<!ATTLIST Relational.Trigger %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Relational.SQLIndex _____ -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Relational.SQLIndex.filterCondition (#PCDATA|XMI.reference)*>
<!ELEMENT Relational.SQLIndex.isNullable EMPTY>
<!ATTLIST Relational.SQLIndex.isNullable
xmi.value ( true | false ) #REQUIRED>

<!ELEMENT Relational.SQLIndex.autoUpdate EMPTY>
<!ATTLIST Relational.SQLIndex.autoUpdate
xmi.value ( true | false ) #REQUIRED>

<!ELEMENT Relational.SQLIndex.isSorted EMPTY>
<!ATTLIST Relational.SQLIndex.isSorted
xmi.value ( true | false ) #REQUIRED>

<!ENTITY % Relational.SQLIndexProperties ‘(%CWMFoundation.IndexProperties;
,Relational.SQLIndex.filterCondition
,Relational.SQLIndex.isNullable
,Relational.SQLIndex.autoUpdate
,Relational.SQLIndex.isSorted )’ >

<!ENTITY % Relational.SQLIndexAssociations ‘(%CWMFoundation.IndexAssociations;)’ >
<!ENTITY % Relational.SQLIndexCompositions ‘(%CWMFoundation.IndexCompositions;)’ >

<!ELEMENT Relational.SQLIndex ( %Relational.SQLIndexProperties;
,(XMI.extension* , %Relational.SQLIndexAssociations; )

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```

        , %Relational.SQLIndexCompositions; )?>
<!-- Relational.SQLIndex %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Relational.UniqueConstraint _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- ELEMENT Relational.UniqueConstraint.isIndexed EMPTY>
<!-- ATTLIST Relational.UniqueConstraint.isIndexed
      xmi.value ( true | false ) #REQUIRED>

<!-- ENTITY % Relational.UniqueConstraintProperties '(%CWMFoundation.UniqueKeyProperties;
      ,Relational.UniqueConstraint.isIndexed )' >

<!-- ENTITY % Relational.UniqueConstraintAssociations '(%CWMFoundation.UniqueKeyAssociations;)'
      >

<!-- ENTITY % Relational.UniqueConstraintCompositions '(%CWMFoundation.UniqueKeyCompositions;)'
      >

<!-- ELEMENT Relational.UniqueConstraint ( %Relational.UniqueConstraintProperties;
      ,(XMI.extension* , %Relational.UniqueConstraintAssociations; )
      , %Relational.UniqueConstraintCompositions; )?>

<!-- ATTLIST Relational.UniqueConstraint %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Relational.ForeignKey _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- ELEMENT Relational.ForeignKey.deleteRule EMPTY>
<!-- ATTLIST Relational.ForeignKey.deleteRule %Relational.DataTypes.ReferentialRuleType;>

<!-- ELEMENT Relational.ForeignKey.updateRule EMPTY>
<!-- ATTLIST Relational.ForeignKey.updateRule %Relational.DataTypes.ReferentialRuleType;>

<!-- ELEMENT Relational.ForeignKey.deferrability EMPTY>
<!-- ATTLIST Relational.ForeignKey.deferrability %Relational.DataTypes.DeferrabilityType;>

<!-- ELEMENT Relational.ForeignKey.isIndexed EMPTY>
<!-- ATTLIST Relational.ForeignKey.isIndexed
      xmi.value ( true | false ) #REQUIRED>

<!-- ENTITY % Relational.ForeignKeyProperties '(%CWMFoundation.KeyRelationshipProperties;
      ,Relational.ForeignKey.deleteRule
      ,Relational.ForeignKey.updateRule
      ,Relational.ForeignKey.deferrability
      ,Relational.ForeignKey.isIndexed )' >

<!-- ENTITY % Relational.ForeignKeyAssociations '(%CWMFoundation.KeyRelationshipAssociations;)'
      >

<!-- ENTITY % Relational.ForeignKeyCompositions '(%CWMFoundation.KeyRelationshipCompositions;)'
      >

<!-- ELEMENT Relational.ForeignKey ( %Relational.ForeignKeyProperties;
      ,(XMI.extension* , %Relational.ForeignKeyAssociations; )
      , %Relational.ForeignKeyCompositions; )?>

<!-- ATTLIST Relational.ForeignKey %XMI.element.att; %XMI.link.att; >

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<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Relational.SQLIndexColumn _____ -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Relational.SQLIndexColumnProperties '(%CWMFoundation.IndexedFeatureProperties;)' >
<!ENTITY % Relational.SQLIndexColumnAssociations
          '(%CWMFoundation.IndexedFeatureAssociations;)' >
<!ENTITY % Relational.SQLIndexColumnCompositions
          '(%CWMFoundation.IndexedFeatureCompositions;)' >

<!ELEMENT Relational.SQLIndexColumn ( %Relational.SQLIndexColumnProperties;
, (XMI.extension*, %Relational.SQLIndexColumnAssociations; )
, %Relational.SQLIndexColumnCompositions; )?>

<!ATTLIST Relational.SQLIndexColumn %XMI.element.att; %XMI.link.att; >

<!ELEMENT Relational ((Relational.Catalog
| Relational.Schema
| Relational.ColumnSet
| Relational.Table
| Relational.BaseTable
| Relational.View
| Relational.SQLQuery
| Relational.SQLDataType
| Relational.SQLDistinctType
| Relational.SQLSimpleType
| Relational.SQLStructuredType
| Relational.Column
| Relational.Procedure
| Relational.Trigger
| Relational.SQLIndex
| Relational.UniqueConstraint
| Relational.ForeignKey
| Relational.SQLIndexColumn
| Relational.DataTypes)*>
<!ATTLIST Relational %XMI.element.att; %XMI.link.att;>

<!-- _____ -->
<!-- _____ -->
<!-- PACKAGE: MDDB _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- ***** MDDB.DataResourceOwnsSchemas ***** -->

<!ELEMENT MDDB.DataResourceOwnsSchemas.schema (XMI.reference)* >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: MDDB.Dimension _____ -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT MDDB.Dimension.dimensionedObject (MDDB.DimensionedObject)*>
<!ELEMENT MDDB.Dimension.referencedDimension (MDDB.Dimension)*>

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<!ENTITY % MDDB.DimensionProperties ‘(%Foundation.Core.ClassProperties;)’ >
<!ENTITY % MDDB.DimensionAssociations ‘(%Foundation.Core.ClassAssociations;
,MDDB.Dimension.dimensionedObject*
,MDDB.Dimension.referencedDimension*)’ >
<!ENTITY % MDDB.DimensionCompositions ‘(%Foundation.Core.ClassCompositions;)’ >
<!ELEMENT MDDB.Dimension ( %MDDB.DimensionProperties;
,(XMI.extension* , %MDDB.DimensionAssociations; )
, %MDDB.DimensionCompositions; )?>
<!ATTLIST MDDB.Dimension %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: MDDB.DimensionedObject -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT MDDB.DimensionedObject.dimension (MDDB.Dimension)*>
<!ENTITY % MDDB.DimensionedObjectProperties ‘(%Foundation.Core.AttributeProperties;)’ >
<!ENTITY % MDDB.DimensionedObjectAssociations ‘(%Foundation.Core.AttributeAssociations;
,MDDB.DimensionedObject.dimension*)’ >
<!ENTITY % MDDB.DimensionedObjectCompositions ‘(%Foundation.Core.AttributeCompositions;)’ >
<!ELEMENT MDDB.DimensionedObject ( %MDDB.DimensionedObjectProperties;
,(XMI.extension* , %MDDB.DimensionedObjectAssociations; )
, %MDDB.DimensionedObjectCompositions; )?>
<!ATTLIST MDDB.DimensionedObject %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: MDDB.Schema -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT MDDB.Schema.dataResource (warehouseDeployment.DataProvider
|warehouseDeployment.DataResource) >
<!ENTITY % MDDB.SchemaProperties ‘(%Model_Management.PackageProperties;)’ >
<!ENTITY % MDDB.SchemaAssociations ‘(%Model_Management.PackageAssociations;
,MDDB.Schema.dataResource?)’ >
<!ENTITY % MDDB.SchemaCompositions ‘(%Model_Management.PackageCompositions;)’ >
<!ELEMENT MDDB.Schema ( %MDDB.SchemaProperties;
,(XMI.extension* , %MDDB.SchemaAssociations; )
, %MDDB.SchemaCompositions; )?>
<!ATTLIST MDDB.Schema %XMI.element.att; %XMI.link.att; >

<!ELEMENT MDDB ((MDDB.Dimension
|MDDB.DimensionedObject
|MDDB.Schema)*)>
<!ATTLIST MDDB %XMI.element.att; %XMI.link.att;>

<!-- _____ -->

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<!--                                     -->
<!-- PACKAGE: Olap                                     -->
<!--                                     -->
<!--                                     -->

<!-- *****      Olap.HierarchyLevelAssociationOwnsLevelMaps      *****      -->
<!ELEMENT Olap.HierarchyLevelAssociation.listOfValues ( Olap.LevelMap)+ >

<!-- *****      Olap.ValueBasedHierarchyOwnsStructureMaps      *****      -->
<!ELEMENT Olap.ValueBasedHierarchy.immediateParent ( Olap.StructureMap)+ >

<!-- *****      Olap.HierarchyLevelAssociationOwnsStructureMaps      *****      -->
<!ELEMENT Olap.HierarchyLevelAssociation.immediateParent ( Olap.StructureMap)+ >

<!--                                     -->
<!--                                     -->
<!-- CLASS: Olap.Cube                                     -->
<!--                                     -->
<!--                                     -->

<!ELEMENT Olap.Cube.isVirtual EMPTY>
<!ATTLIST Olap.Cube.isVirtual
    xmi.value ( true | false ) #REQUIRED>

<!ENTITY % Olap.CubeProperties ‘(%Foundation.Core.ClassProperties;
    ,Olap.Cube.isVirtual )’ >

<!ENTITY % Olap.CubeAssociations ‘(%Foundation.Core.ClassAssociations;)’ >
<!ENTITY % Olap.CubeCompositions ‘(%Foundation.Core.ClassCompositions;)’ >

<!ELEMENT Olap.Cube ( %Olap.CubeProperties;
    ,(XMI.extension* , %Olap.CubeAssociations; )
    , %Olap.CubeCompositions; )?>

<!ATTLIST Olap.Cube %XMI.element.att; %XMI.link.att; >

<!--                                     -->
<!--                                     -->
<!-- CLASS: Olap.CubeDimensionAssociation                                     -->
<!--                                     -->
<!--                                     -->

<!ELEMENT Olap.CubeDimensionAssociation.association (Olap.Dimension) >
<!ELEMENT Olap.CubeDimensionAssociation.calchierarchy (Olap.Hierarchy
|Olap.ValueBasedHierarchy
|Olap.LevelBasedHierarchy)?>

<!ENTITY % Olap.CubeDimensionAssociationProperties ‘(%Foundation.Core.ClassProperties;)’ >
<!ENTITY % Olap.CubeDimensionAssociationAssociations ‘(%Foundation.Core.ClassAssociations;
    ,Olap.CubeDimensionAssociation.association
    ,Olap.CubeDimensionAssociation.calchierarchy?)’ >

<!ENTITY % Olap.CubeDimensionAssociationCompositions ‘(%Foundation.Core.ClassCompositions;)’
>

<!ELEMENT Olap.CubeDimensionAssociation ( %Olap.CubeDimensionAssociationProperties;

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```

        ,(XMI.extension* , %Olap.CubeDimensionAssociationAssociations; )
        , %Olap.CubeDimensionAssociationCompositions; )?>

<!-- Olap.CubeDimensionAssociation %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Olap.CubeRegion -->
<!-- _____ -->
<!-- _____ -->

<!-- ELEMENT Olap.CubeRegion.isReadOnly EMPTY>
<!-- ATTLIST Olap.CubeRegion.isReadOnly
        xmi.value ( true | false ) #REQUIRED>

<!-- ELEMENT Olap.CubeRegion.formula (CWMFoundation.FeatureNode
        |CWMFoundation.ElementNode
        |CWMFoundation.ConstantNode
        |CWMFoundation.ExpressionNode)>

<!-- ELEMENT Olap.CubeRegion.memberSelection (Olap.MemberSelection
        |Olap.CodedLevel
        |Olap.Level)*>

<!-- ENTITY % Olap.CubeRegionProperties '(%Foundation.Core.ClassProperties;
        ,Olap.CubeRegion.isReadOnly
        ,Olap.CubeRegion.formula )' >

<!-- ENTITY % Olap.CubeRegionAssociations '(%Foundation.Core.ClassAssociations;
        ,Olap.CubeRegion.memberSelection*)' >

<!-- ENTITY % Olap.CubeRegionCompositions '(%Foundation.Core.ClassCompositions;)' >

<!-- ELEMENT Olap.CubeRegion ( %Olap.CubeRegionProperties;
        ,(XMI.extension* , %Olap.CubeRegionAssociations; )
        , %Olap.CubeRegionCompositions; )?>

<!-- ATTLIST Olap.CubeRegion %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Olap.Dimension -->
<!-- _____ -->
<!-- _____ -->

<!-- ELEMENT Olap.Dimension.isTime EMPTY>
<!-- ATTLIST Olap.Dimension.isTime
        xmi.value ( true | false ) #REQUIRED>

<!-- ELEMENT Olap.Dimension.isMeasure EMPTY>
<!-- ATTLIST Olap.Dimension.isMeasure
        xmi.value ( true | false ) #REQUIRED>

<!-- ELEMENT Olap.Dimension.displayDefault (Olap.Hierarchy
        |Olap.ValueBasedHierarchy
        |Olap.LevelBasedHierarchy)?>

<!-- ENTITY % Olap.DimensionProperties '(%Foundation.Core.ClassProperties;
        ,Olap.Dimension.isTime
        ,Olap.Dimension.isMeasure )' >

<!-- ENTITY % Olap.DimensionAssociations '(%Foundation.Core.ClassAssociations;
        ,Olap.Dimension.displayDefault?)' >

<!-- ENTITY % Olap.DimensionCompositions '(%Foundation.Core.ClassCompositions;)' >

```

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<!ELEMENT Olap.Dimension ( %Olap.DimensionProperties;
    ,(XMI.extension* , %Olap.DimensionAssociations; )
    , %Olap.DimensionCompositions; )?>

<!ATTLIST Olap.Dimension %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- -->
<!-- CLASS: Transformation.Transformation -->
<!-- -->
<!-- _____ -->

<!ELEMENT Transformation.Transformation.function (Foundation.Data_Types.ProcedureExpression
|CWMFoundation.QueryExpression)>

<!ELEMENT Transformation.Transformation.functionDescription (#PCDATA|XMI.reference)*>

<!ELEMENT Transformation.Transformation.isPrimary EMPTY>
<!ATTLIST Transformation.Transformation.isPrimary
    xmi.value ( true | false ) #REQUIRED>

<!ELEMENT Transformation.Transformation.source (Transformation.DataObjectSet)+>
<!ELEMENT Transformation.Transformation.target (Transformation.DataObjectSet)+>
<!ELEMENT Transformation.Transformation.task (Transformation.TransformationTask)*>

<!ENTITY % Transformation.TransformationProperties ‘(%Foundation.Core.NamespaceProperties;
    ,Transformation.Transformation.function
    ,Transformation.Transformation.functionDescription
    ,Transformation.Transformation.isPrimary )’ >

<!ENTITY % Transformation.TransformationAssociations
    ‘(%Foundation.Core.NamespaceAssociations;
    ,Transformation.Transformation.source+
    ,Transformation.Transformation.target+
    ,Transformation.Transformation.task*)’ >

<!ENTITY % Transformation.TransformationCompositions
    ‘(%Foundation.Core.NamespaceCompositions;)’ >

<!ELEMENT Transformation.Transformation ( %Transformation.TransformationProperties;
    ,(XMI.extension* , %Transformation.TransformationAssociations; )
    , %Transformation.TransformationCompositions; )?>

<!ATTLIST Transformation.Transformation %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- -->
<!-- CLASS: Transformation.TransformationMap -->
<!-- -->
<!-- _____ -->

<!ENTITY % Transformation.TransformationMapProperties
    ‘(%Transformation.TransformationProperties;)’ >

<!ENTITY % Transformation.TransformationMapAssociations
    ‘(%Transformation.TransformationAssociations;)’ >

<!ENTITY % Transformation.TransformationMapCompositions
    ‘(%Transformation.TransformationCompositions;)’ >

<!ELEMENT Transformation.TransformationMap ( %Transformation.TransformationMapProperties;
    ,(XMI.extension* , %Transformation.TransformationMapAssociations; )

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```

        , %Transformation.TransformationMapCompositions; )?>
<!-- Transformation.TransformationMap %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Olap.DimensionMap _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- ENTITY % Olap.DimensionMapProperties '(%Transformation.TransformationMapProperties;)' >
<!-- ENTITY % Olap.DimensionMapAssociations '(%Transformation.TransformationMapAssociations;)' >
<!-- ENTITY % Olap.DimensionMapCompositions '(%Transformation.TransformationMapCompositions;)' >

<!-- ELEMENT Olap.DimensionMap ( %Olap.DimensionMapProperties;
      ,(XMI.extension* , %Olap.DimensionMapAssociations; )
      , %Olap.DimensionMapCompositions; )?>

<!-- ATTLIST Olap.DimensionMap %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Olap.Hierarchy _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- ENTITY % Olap.HierarchyProperties '(%Foundation.Core.ClassProperties;)' >
<!-- ENTITY % Olap.HierarchyAssociations '(%Foundation.Core.ClassAssociations;)' >
<!-- ENTITY % Olap.HierarchyCompositions '(%Foundation.Core.ClassCompositions;)' >

<!-- ELEMENT Olap.Hierarchy ( %Olap.HierarchyProperties;
      ,(XMI.extension* , %Olap.HierarchyAssociations; )
      , %Olap.HierarchyCompositions; )?>

<!-- ATTLIST Olap.Hierarchy %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Olap.HierarchyLevelAssociation _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- ELEMENT Olap.HierarchyLevelAssociation.parent (Olap.CodedLevel
|Olap.Level)?>

<!-- ELEMENT Olap.HierarchyLevelAssociation.child (Olap.CodedLevel
|Olap.Level) >

<!-- ENTITY % Olap.HierarchyLevelAssociationProperties '(%Foundation.Core.ClassProperties;)' >
<!-- ENTITY % Olap.HierarchyLevelAssociationAssociations '(%Foundation.Core.ClassAssociations;
|Olap.HierarchyLevelAssociation.parent?
|Olap.HierarchyLevelAssociation.child )' >

<!-- ENTITY % Olap.HierarchyLevelAssociationCompositions '(%Foundation.Core.ClassCompositions;
|Olap.HierarchyLevelAssociation.listOfValues+
|Olap.HierarchyLevelAssociation.immediateParent+)' >

<!-- ELEMENT Olap.HierarchyLevelAssociation ( %Olap.HierarchyLevelAssociationProperties;
      ,(XMI.extension* , %Olap.HierarchyLevelAssociationAssociations; )

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```

        , %Olap.HierarchyLevelAssociationCompositions; )?>
<!-- ATTLIST Olap.HierarchyLevelAssociation %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Olap.HierarchyMap _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- ENTITY % Olap.HierarchyMapProperties '(%Transformation.TransformationMapProperties;)' >
<!-- ENTITY % Olap.HierarchyMapAssociations '(%Transformation.TransformationMapAssociations;)' >
<!-- ENTITY % Olap.HierarchyMapCompositions '(%Transformation.TransformationMapCompositions;)' >
<!-- ELEMENT Olap.HierarchyMap ( %Olap.HierarchyMapProperties;
      , (XMI.extension* , %Olap.HierarchyMapAssociations; )
      , %Olap.HierarchyMapCompositions; )?>
<!-- ATTLIST Olap.HierarchyMap %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Olap.LevelBasedHierarchy _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- ENTITY % Olap.LevelBasedHierarchyProperties '(%Olap.HierarchyProperties;)' >
<!-- ENTITY % Olap.LevelBasedHierarchyAssociations '(%Olap.HierarchyAssociations;)' >
<!-- ENTITY % Olap.LevelBasedHierarchyCompositions '(%Olap.HierarchyCompositions;)' >
<!-- ELEMENT Olap.LevelBasedHierarchy ( %Olap.LevelBasedHierarchyProperties;
      , (XMI.extension* , %Olap.LevelBasedHierarchyAssociations; )
      , %Olap.LevelBasedHierarchyCompositions; )?>
<!-- ATTLIST Olap.LevelBasedHierarchy %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Olap.LevelMap _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- ELEMENT Olap.LevelMap.hierarchyLevelAssociation (Olap.HierarchyLevelAssociation) >
<!-- ENTITY % Olap.LevelMapProperties '(%Olap.HierarchyMapProperties;)' >
<!-- ENTITY % Olap.LevelMapAssociations '(%Olap.HierarchyMapAssociations;
      , Olap.LevelMap.hierarchyLevelAssociation?)' >
<!-- ENTITY % Olap.LevelMapCompositions '(%Olap.HierarchyMapCompositions;)' >
<!-- ELEMENT Olap.LevelMap ( %Olap.LevelMapProperties;
      , (XMI.extension* , %Olap.LevelMapAssociations; )
      , %Olap.LevelMapCompositions; )?>
<!-- ATTLIST Olap.LevelMap %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->

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<!-- CLASS: Olap.Measure                                -->
<!--                                                    -->
<!-- _____ -->

<!-- ENTITY % Olap.MeasureProperties '(%Foundation.Core.AttributeProperties;)' >
<!-- ENTITY % Olap.MeasureAssociations '(%Foundation.Core.AttributeAssociations;)' >
<!-- ENTITY % Olap.MeasureCompositions '(%Foundation.Core.AttributeCompositions;)' >
<!-- ELEMENT Olap.Measure ( %Olap.MeasureProperties;
      , (XMI.extension* , %Olap.MeasureAssociations; )
      , %Olap.MeasureCompositions; )? >

<!-- ATTLIST Olap.Measure %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Olap.Schema                                -->
<!-- _____ -->
<!-- _____ -->

<!-- ENTITY % Olap.SchemaProperties '(%Model_Management.PackageProperties;)' >
<!-- ENTITY % Olap.SchemaAssociations '(%Model_Management.PackageAssociations;)' >
<!-- ENTITY % Olap.SchemaCompositions '(%Model_Management.PackageCompositions;)' >
<!-- ELEMENT Olap.Schema ( %Olap.SchemaProperties;
      , (XMI.extension* , %Olap.SchemaAssociations; )
      , %Olap.SchemaCompositions; )? >

<!-- ATTLIST Olap.Schema %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Olap.StructureMap                          -->
<!-- _____ -->
<!-- _____ -->

<!-- ELEMENT Olap.StructureMap.hierarchy (Olap.ValueBasedHierarchy) >
<!-- ELEMENT Olap.StructureMap.hierarchyAssociation (Olap.HierarchyLevelAssociation) >
<!-- ENTITY % Olap.StructureMapProperties '(%Olap.HierarchyMapProperties;)' >
<!-- ENTITY % Olap.StructureMapAssociations '(%Olap.HierarchyMapAssociations;
      , Olap.StructureMap.hierarchy?
      , Olap.StructureMap.hierarchyAssociation?)' >
<!-- ENTITY % Olap.StructureMapCompositions '(%Olap.HierarchyMapCompositions;)' >
<!-- ELEMENT Olap.StructureMap ( %Olap.StructureMapProperties;
      , (XMI.extension* , %Olap.StructureMapAssociations; )
      , %Olap.StructureMapCompositions; )? >

<!-- ATTLIST Olap.StructureMap %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Olap.ValueBasedHierarchy                  -->
<!-- _____ -->
<!-- _____ -->

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<!ENTITY % Olap.ValueBasedHierarchyProperties '(%Olap.HierarchyProperties;)' >
<!ENTITY % Olap.ValueBasedHierarchyAssociations '(%Olap.HierarchyAssociations;)' >
<!ENTITY % Olap.ValueBasedHierarchyCompositions '(%Olap.HierarchyCompositions;
,Olap.ValueBasedHierarchy.immediateParent+)' >
<!ELEMENT Olap.ValueBasedHierarchy ( %Olap.ValueBasedHierarchyProperties;
,(XMI.extension* , %Olap.ValueBasedHierarchyAssociations; )
, %Olap.ValueBasedHierarchyCompositions; )?>
<!ATTLIST Olap.ValueBasedHierarchy %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- -->
<!-- CLASS: Olap.MemberSelection -->
<!-- -->
<!-- _____ -->

<!ELEMENT Olap.MemberSelection.formula (CWMFoundation.FeatureNode
|CWMFoundation.ElementNode
|CWMFoundation.ConstantNode
|CWMFoundation.ExpressionNode)>
<!ELEMENT Olap.MemberSelection.cubeRegion (Olap.CubeRegion)*>
<!ENTITY % Olap.MemberSelectionProperties '(%Foundation.Core.ClassProperties;
,Olap.MemberSelection.formula )' >
<!ENTITY % Olap.MemberSelectionAssociations '(%Foundation.Core.ClassAssociations;
,Olap.MemberSelection.cubeRegion*)' >
<!ENTITY % Olap.MemberSelectionCompositions '(%Foundation.Core.ClassCompositions;)' >
<!ELEMENT Olap.MemberSelection ( %Olap.MemberSelectionProperties;
,(XMI.extension* , %Olap.MemberSelectionAssociations; )
, %Olap.MemberSelectionCompositions; )?>
<!ATTLIST Olap.MemberSelection %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- -->
<!-- CLASS: Olap.Level -->
<!-- -->
<!-- _____ -->

<!ELEMENT Olap.Level.association (Olap.HierarchyLevelAssociation)*>
<!ELEMENT Olap.Level.association1 (Olap.HierarchyLevelAssociation)*>
<!ENTITY % Olap.LevelProperties '(%Olap.MemberSelectionProperties;)' >
<!ENTITY % Olap.LevelAssociations '(%Olap.MemberSelectionAssociations;
,Olap.Level.association*
,Olap.Level.association1*)' >
<!ENTITY % Olap.LevelCompositions '(%Olap.MemberSelectionCompositions;)' >
<!ELEMENT Olap.Level ( %Olap.LevelProperties;
,(XMI.extension* , %Olap.LevelAssociations; )
, %Olap.LevelCompositions; )?>
<!ATTLIST Olap.Level %XMI.element.att; %XMI.link.att; >

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<!-- _____ -->
<!-- -->
<!-- CLASS: Olap.CodedLevel -->
<!-- -->
<!-- _____ -->

<ELEMENT Olap.CodedLevel.encoding (CWMFoundation.FeatureNode
|CWMFoundation.ElementNode
|CWMFoundation.ConstantNode
|CWMFoundation.ExpressionNode)>

<ENTITY % Olap.CodedLevelProperties '(%Olap.LevelProperties;
,Olap.CodedLevel.encoding )' >

<ENTITY % Olap.CodedLevelAssociations '(%Olap.LevelAssociations;)' >

<ENTITY % Olap.CodedLevelCompositions '(%Olap.LevelCompositions;)' >

<ELEMENT Olap.CodedLevel ( %Olap.CodedLevelProperties;
,(XMI.extension* , %Olap.CodedLevelAssociations; )
, %Olap.CodedLevelCompositions; )?>

<ATTLIST Olap.CodedLevel %XMI.element.att; %XMI.link.att; >

<ELEMENT Olap ((Olap.Cube
|Olap.CubeDimensionAssociation
|Olap.CubeRegion
|Olap.Dimension
|Olap.DimensionMap
|Olap.Hierarchy
|Olap.HierarchyLevelAssociation
|Olap.HierarchyMap
|Olap.LevelBasedHierarchy
|Olap.LevelMap
|Olap.Measure
|Olap.Schema
|Olap.StructureMap
|Olap.ValueBasedHierarchy
|Olap.MemberSelection
|Olap.Level
|Olap.CodedLevel)*)>
<ATTLIST Olap %XMI.element.att; %XMI.link.att;>

<!-- _____ -->
<!-- -->
<!-- PACKAGE: XML -->
<!-- -->
<!-- _____ -->

<ENTITY % XML.AttributeDefault
' xmi.value ( xml_required| xml_implied| xml_default| xml_fixed ) #REQUIRED'>

<ENTITY % XML.ContentType
' xmi.value ( xml_empty| xml_any| xml_mixed| xml_element ) #REQUIRED'>

<ENTITY % XML.OccurrenceType
' xmi.value ( xml_one| xml_zeroOrOne| xml_zeroOrMore| xml_oneOrMore ) #REQUIRED'>

<ENTITY % XML.ElementContentType
' xmi.value ( xml_choice| xml_sequence ) #REQUIRED'>

<!-- ***** XML.ElementTypeContent ***** -->

<ELEMENT XML.ElementType.content ( XML.MixedContent

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|XML.ElementContent
|XML.Content)? >

<!-- ***** XML.ContentElementType ***** -->
<!ELEMENT XML.Content.ownedElement ( XML.ElementType)* >

<!-- ***** XML.OwnedElementContent ***** -->
<!ELEMENT XML.ElementContent.ownedContent ( XML.ElementContent)* >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: XML.Schema _____ -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT XML.Schema.version (#PCDATA|XMI.reference)*>
<!ELEMENT XML.Schema.xmlNamespace (#PCDATA|XMI.reference)*>
<!ENTITY % XML.SchemaProperties '(%Model_Management.PackageProperties;
,XML.Schema.version
,XML.Schema.xmlNamespace )' >
<!ENTITY % XML.SchemaAssociations '(%Model_Management.PackageAssociations;)' >
<!ENTITY % XML.SchemaCompositions '(%Model_Management.PackageCompositions;)' >
<!ELEMENT XML.Schema ( %XML.SchemaProperties;
,(XMI.extension* , %XML.SchemaAssociations; )
, %XML.SchemaCompositions; )?>
<!ATTLIST XML.Schema %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: XML.ElementType _____ -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT XML.ElementType.owner (XML.MixedContent
|XML.ElementContent
|XML.Content)*>
<!ENTITY % XML.ElementTypeProperties '(%Foundation.Core.ClassProperties;)' >
<!ENTITY % XML.ElementTypeAssociations '(%Foundation.Core.ClassAssociations;
,XML.ElementType.owner*)' >
<!ENTITY % XML.ElementTypeCompositions '(%Foundation.Core.ClassCompositions;
,XML.ElementType.content?)' >
<!ELEMENT XML.ElementType ( %XML.ElementTypeProperties;
,(XMI.extension* , %XML.ElementTypeAssociations; )
, %XML.ElementTypeCompositions; )?>
<!ATTLIST XML.ElementType %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: XML.Attribute _____ -->

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<!-- _____ -->
<!-- _____ -->

<!ELEMENT XML.Attribute.defaultKind EMPTY>
<!ATTLIST XML.Attribute.defaultKind %XML.AttributeDefault;>

<!ENTITY % XML.AttributeProperties '(%Foundation.Core.AttributeProperties;
    ,XML.Attribute.defaultKind )' >

<!ENTITY % XML.AttributeAssociations '(%Foundation.Core.AttributeAssociations;)' >
<!ENTITY % XML.AttributeCompositions '(%Foundation.Core.AttributeCompositions;)' >

<!ELEMENT XML.Attribute ( %XML.AttributeProperties;
    ,(XMI.extension* , %XML.AttributeAssociations; )
    , %XML.AttributeCompositions; )?>

<!ATTLIST XML.Attribute %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: XML.Content _____ -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT XML.Content.contentType EMPTY>
<!ATTLIST XML.Content.contentType %XML.ContentType;>

<!ELEMENT XML.Content.occurrence EMPTY>
<!ATTLIST XML.Content.occurrence %XML.OccurrenceType;>

<!ELEMENT XML.Content.elementType (XML.ElementType)*>

<!ENTITY % XML.ContentProperties '(%Foundation.Core.ModelElementProperties;
    ,XML.Content.contentType
    ,XML.Content.occurrence )' >

<!ENTITY % XML.ContentAssociations '(%Foundation.Core.ModelElementAssociations;
    ,XML.Content.elementType*)' >

<!ENTITY % XML.ContentCompositions '(%Foundation.Core.ModelElementCompositions;
    ,XML.Content.ownedElement*)' >

<!ELEMENT XML.Content ( %XML.ContentProperties;
    ,(XMI.extension* , %XML.ContentAssociations; )
    , %XML.ContentCompositions; )?>

<!ATTLIST XML.Content %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: XML.ElementContent _____ -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT XML.ElementContent.elementContentType EMPTY>
<!ATTLIST XML.ElementContent.elementContentType %XML.ElementContentType;>

<!ELEMENT XML.ElementContent.owner (XML.ElementContent)*>

<!ENTITY % XML.ElementContentProperties '(%XML.ContentProperties;
    ,XML.ElementContent.elementContentType )' >

<!ENTITY % XML.ElementContentAssociations '(%XML.ContentAssociations;
    ,XML.ElementContent.owner*)' >

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<!ENTITY % XML.ElementContentCompositions ‘(%XML.ContentCompositions;
,XML.ElementContent.ownedContent*)’ >

<!ELEMENT XML.ElementContent ( %XML.ElementContentProperties;
,(XMI.extension* , %XML.ElementContentAssociations; )
, %XML.ElementContentCompositions; )?>

<!ATTLIST XML.ElementContent %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: XML.MixedContent -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % XML.MixedContentProperties ‘(%XML.ContentProperties;)’ >
<!ENTITY % XML.MixedContentAssociations ‘(%XML.ContentAssociations;)’ >
<!ENTITY % XML.MixedContentCompositions ‘(%XML.ContentCompositions;)’ >

<!ELEMENT XML.MixedContent ( %XML.MixedContentProperties;
,(XMI.extension* , %XML.MixedContentAssociations; )
, %XML.MixedContentCompositions; )?>

<!ATTLIST XML.MixedContent %XMI.element.att; %XMI.link.att; >

<!ELEMENT XML ((XML.Schema
|XML.ElementType
|XML.Attribute
|XML.Content
|XML.ElementContent
|XML.MixedContent)*>
<!ATTLIST XML %XMI.element.att; %XMI.link.att;>

<!-- _____ -->
<!-- _____ -->
<!-- PACKAGE: Transformation -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Transformation.TreeType
‘ xmi.value ( unary| binary ) #REQUIRED’>

<!-- ***** Transformation.TransformationTaskTransformation ***** -->

<!ELEMENT Transformation.TransformationTask.transformation ( Transformation.TransformationMap
|Transformation.TransformationTree
|Transformation.Transformation
|Olap.DimensionMap
|Olap.HierarchyMap
|Olap.LevelMap
|Olap.StructureMap)+ >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Transformation.DataObjectSet -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Transformation.DataObjectSet.transformationOfSource

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        (Transformation.TransformationMap
Transformation.TransformationTree
Transformation.Transformation
Olap.DimensionMap
Olap.HierarchyMap
Olap.LevelMap
Olap.StructureMap)*>

<!ELEMENT Transformation.DataObjectSet.transformationOfTarget
        (Transformation.TransformationMap
Transformation.TransformationTree
Transformation.Transformation
Olap.DimensionMap
Olap.HierarchyMap
Olap.LevelMap
Olap.StructureMap)*>

<!ELEMENT Transformation.DataObjectSet.element (Transformation.TransformationMap
Transformation.TransformationTree
Transformation.TransformationTask
Transformation.TransformationStep
XML.ElementType
WarehouseProcess.WarehouseProcess
WarehouseProcess.Events.CascadeEvent
WarehouseProcess.Events.CalendarDate
WarehouseProcess.Events.RetryEvent
Foundation.Core.Binding
Foundation.Core.Comment
Foundation.Core.Feature
WarehouseDeployment.DeployedComponent
MDDB.Dimension
WarehouseDeployment.ProviderConnection
XML.Attribute
CWMFoundation.Telephone
CWMFoundation.TypeAlias
CWMFoundation.UniqueKey
CWMFoundation.Document
CWMFoundation.EMailID
CWMFoundation.Location
Model_Management.Model
Foundation.Core.Class
Foundation.Core.Method
Foundation.Core.Usage
XML.MixedContent
Model_Management.Package
RecordOriented.RecordFile
WarehouseProcess.Events.RecurringPointInTimeEvent
Transformation.ClassMap
CWMFoundation.Description
CWMFoundation.FeatureNode
CWMFoundation.ElementNode
CWMFoundation.Enumeration
CWMFoundation.UnionMember
CWMFoundation.ContactInfo
CWMFoundation.ConstantNode
Relational.SQLDistinctType
Relational.SQLIndexColumn
Foundation.Core.Flow
Foundation.Core.Node
Relational.UniqueConstraint
WarehouseDeployment.SoftwareSystem
MDDB.DimensionedObject
CWMFoundation.EnumerationLiteral
Olap.Hierarchy
Olap.MemberSelection
RecordOriented.FieldValueCondition
Relational.SQLDataType

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XML.ElementContent
RecordOriented.Record
Relational.SQLIndex
Relational.SQLQuery
Relational.BaseTable
Relational.ColumnSet
Relational.Procedure
Relational.ForeignKey
Behavioral_Elements.Common_Behavior.Link
Behavioral_Elements.State_Machines.Event
Behavioral_Elements.State_Machines.Guard
Behavioral_Elements.State_Machines.State
Transformation.DataObjectSet
Olap.Measure
Relational.SQLSimpleType
WarehouseOperation.ActivityExecution
Transformation.Transformation
Model_Management.Subsystem
Foundation.Core.Classifier
Foundation.Core.Operation
Foundation.Core.Component
Foundation.Core.Namespace
Foundation.Core.Constraint
Foundation.Core.Dependency
Foundation.Core.Parameter
Foundation.Core.Permission
Foundation.Core.Abstraction
Foundation.Core.Association
Foundation.Core.Attribute
Foundation.Core.Interface
CWMFoundation.DataTypeMapping
Foundation.Core.AssociationClass
CWMFoundation.KeyRelationship
CWMFoundation.ResponsibleParty
XML.Schema
CWMFoundation.IndexedFeature
CWMFoundation.ExpressionNode
RecordOriented.Field
RecordOriented.Group
Behavioral_Elements.Collaborations.ClassifierRole
Behavioral_Elements.Collaborations.AssociationEndRole
Behavioral_Elements.Collaborations.AssociationRole
Behavioral_Elements.State_Machines.CompositeState
Behavioral_Elements.State_Machines.SubmachineState
Behavioral_Elements.Common_Behavior.ActionSequence
Behavioral_Elements.Common_Behavior.AttributeLink
Behavioral_Elements.Common_Behavior.ComponentInstance
Behavioral_Elements.Common_Behavior.DestroyAction
Behavioral_Elements.Common_Behavior.TerminateAction
Behavioral_Elements.Activity_Graphs.ActivityGraph
Behavioral_Elements.Activity_Graphs.ClassifierInState
Behavioral_Elements.Activity_Graphs.ObjectFlowState
Behavioral_Elements.Activity_Graphs.SubactivityState
Behavioral_Elements.Activity_Graphs.ActionState
WarehouseOperation.Measurement
Behavioral_Elements.Use_Cases.Include
Behavioral_Elements.Use_Cases.UseCase
Relational.Table
Behavioral_Elements.Collaborations.Interaction
Behavioral_Elements.Common_Behavior.CallAction
Behavioral_Elements.Common_Behavior.LinkObject
Olap.ValueBasedHierarchy
WarehouseDeployment.Site
Relational.View
Olap.CodedLevel
WarehouseProcess.Events.CustomCalendar
WarehouseProcess.Events.ExternalEvent

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WarehouseProcess.Events.IntervalEvent
WarehouseProcess.Events.ScheduleEvent
WarehouseProcess.Events.WarehouseEvent
RecordOriented.FixedOffsetField
Behavioral_Elements.Collaborations.Collaboration
Behavioral_Elements.Common_Behavior.CreateAction
Behavioral_Elements.Common_Behavior.NodeInstance
Behavioral_Elements.Common_Behavior.ReturnAction
Olap.CubeDimensionAssociation
Olap.DimensionMap
Olap.HierarchyMap
Transformation.PrecedenceConstrainedBy
Transformation.TransformationActivity
Transformation.AttributeMap
XML.Content
Olap.LevelBasedHierarchy
Olap.Dimension
Olap.Cube
Relational.SQLStructuredType
Olap.LevelMap
WarehouseDeployment.DataProvider
WarehouseDeployment.DataResource
Olap.Schema
WarehouseDeployment.Machine
WarehouseOperation.ChangeRequest
Foundation.Extension_Mechanisms.Stereotype
WarehouseOperation.StepExecution
WarehouseProcess.Events.PointInTimeEvent
WarehouseProcess.Events.CustomCalendarEvent
Foundation.Core.DataType
MDDB.Schema
Foundation.Core.ModelElement
Foundation.Core.Relationship
Foundation.Core.Generalization
Foundation.Core.AssociationEnd
Behavioral_Elements.Activity_Graphs.CallState
Behavioral_Elements.Activity_Graphs.Partition
Behavioral_Elements.Collaborations.Message
Behavioral_Elements.Common_Behavior.LinkEnd
Behavioral_Elements.Common_Behavior.DataValue
Behavioral_Elements.Common_Behavior.Signal
Behavioral_Elements.Common_Behavior.Object
Behavioral_Elements.Common_Behavior.Argument
Behavioral_Elements.Common_Behavior.Action
Behavioral_Elements.Common_Behavior.Exception
Behavioral_Elements.Common_Behavior.Stimulus
Foundation.Core.BehavioralFeature
Behavioral_Elements.State_Machines.CallEvent
Behavioral_Elements.State_Machines.FinalState
Behavioral_Elements.State_Machines.SynchState
Behavioral_Elements.State_Machines.SubState
Behavioral_Elements.State_Machines.Transition
Behavioral_Elements.State_Machines.TimeEvent
Behavioral_Elements.Use_Cases.ExtensionPoint
Behavioral_Elements.Use_Cases.UseCaseInstance
Foundation.Core.GeneralizableElement
Foundation.Core.StructuralFeature
Transformation.TransformationConstrainedBy
Olap.StructureMap
Behavioral_Elements.State_Machines.ChangeEvent
Behavioral_Elements.State_Machines.Pseudostate
Behavioral_Elements.State_Machines.StateMachine
Behavioral_Elements.State_Machines.StateVertex
Behavioral_Elements.State_Machines.SimpleState
Behavioral_Elements.State_Machines.SignalEvent
Relational.Catalog
Relational.Schema

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Relational.Column
Relational.Trigger
WarehouseDeployment.DeployedSoftwareSystem
Olap.Level
Behavioral_Elements.Common_Behavior.UninterpretedAction
Olap.CubeRegion
Behavioral_Elements.Use_Cases.Actor
CWMFoundation.Index
CWMFoundation.Union
Olap.HierarchyLevelAssociation)+>

<!ENTITY % Transformation.DataObjectSetProperties
        '(%Foundation.Core.ModelElementProperties;)' >

<!ENTITY % Transformation.DataObjectSetAssociations
        '(%Foundation.Core.ModelElementAssociations;
        ,Transformation.DataObjectSet.transformationOfSource*
        ,Transformation.DataObjectSet.transformationOfTarget*
        ,Transformation.DataObjectSet.element+)' >

<!ENTITY % Transformation.DataObjectSetCompositions
        '(%Foundation.Core.ModelElementCompositions;)' >

<!ELEMENT Transformation.DataObjectSet ( %Transformation.DataObjectSetProperties;
        ,(XMI.extension* , %Transformation.DataObjectSetAssociations; )
        , %Transformation.DataObjectSetCompositions; )?>

<!ATTLIST Transformation.DataObjectSet %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- -->
<!-- CLASS: Transformation.TransformationTask -->
<!-- -->
<!-- _____ -->

<!ELEMENT Transformation.TransformationTask.step (Transformation.TransformationStep)*>
<!ELEMENT Transformation.TransformationTask.inverseTask (Transformation.TransformationTask)*>
<!ELEMENT Transformation.TransformationTask.originalTask
        (Transformation.TransformationTask)*>

<!ENTITY % Transformation.TransformationTaskProperties
        '(%Foundation.Core.ComponentProperties;)' >

<!ENTITY % Transformation.TransformationTaskAssociations
        '(%Foundation.Core.ComponentAssociations;
        ,Transformation.TransformationTask.step*
        ,Transformation.TransformationTask.inverseTask*
        ,Transformation.TransformationTask.originalTask*)' >

<!ENTITY % Transformation.TransformationTaskCompositions
        '(%Foundation.Core.ComponentCompositions;
        ,Transformation.TransformationTask.transformation+)' >

<!ELEMENT Transformation.TransformationTask ( %Transformation.TransformationTaskProperties;
        ,(XMI.extension* , %Transformation.TransformationTaskAssociations; )
        , %Transformation.TransformationTaskCompositions; )?>

<!ATTLIST Transformation.TransformationTask %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- -->
<!-- CLASS: Transformation.TransformationStep -->
<!-- -->

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<!-- _____ -->
<!ELEMENT Transformation.TransformationStep.task (Transformation.TransformationTask) >
<!ENTITY % Transformation.TransformationStepProperties
        '(%Foundation.Core.ModelElementProperties;)' >
<!ENTITY % Transformation.TransformationStepAssociations
        '(%Foundation.Core.ModelElementAssociations;
        ,Transformation.TransformationStep.task )' >
<!ENTITY % Transformation.TransformationStepCompositions
        '(%Foundation.Core.ModelElementCompositions;)' >
<!ELEMENT Transformation.TransformationStep ( %Transformation.TransformationStepProperties;
        ,(XMI.extension* , %Transformation.TransformationStepAssociations; )
        , %Transformation.TransformationStepCompositions; )?>
<!ATTLIST Transformation.TransformationStep %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Transformation.TransformationActivity -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Transformation.TransformationActivity.creationDate (#PCDATA|XMI.reference)*>
<!ENTITY % Transformation.TransformationActivityProperties
        '(%Model_Management.SubsystemProperties;
        ,Transformation.TransformationActivity.creationDate )' >
<!ENTITY % Transformation.TransformationActivityAssociations
        '(%Model_Management.SubsystemAssociations;)' >
<!ENTITY % Transformation.TransformationActivityCompositions
        '(%Model_Management.SubsystemCompositions;)' >
<!ELEMENT Transformation.TransformationActivity (
        %Transformation.TransformationActivityProperties;
        ,(XMI.extension* , %Transformation.TransformationActivityAssociations; )
        , %Transformation.TransformationActivityCompositions; )?>
<!ATTLIST Transformation.TransformationActivity %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Transformation.PrecedenceConstrainedBy -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Transformation.PrecedenceConstrainedByProperties
        '(%Foundation.Core.DependencyProperties;)' >
<!ENTITY % Transformation.PrecedenceConstrainedByAssociations
        '(%Foundation.Core.DependencyAssociations;)' >
<!ENTITY % Transformation.PrecedenceConstrainedByCompositions
        '(%Foundation.Core.DependencyCompositions;)' >
<!ELEMENT Transformation.PrecedenceConstrainedBy (
        %Transformation.PrecedenceConstrainedByProperties;
        ,(XMI.extension* , %Transformation.PrecedenceConstrainedByAssociations; )
        , %Transformation.PrecedenceConstrainedByCompositions; )?>

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<!ATTLIST Transformation.PrecedenceConstrainedBy %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Transformation.TransformationConstrainedBy -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % Transformation.TransformationConstrainedByProperties
        '(%Foundation.Core.DependencyProperties;)' >

<!ENTITY % Transformation.TransformationConstrainedByAssociations
        '(%Foundation.Core.DependencyAssociations;)' >

<!ENTITY % Transformation.TransformationConstrainedByCompositions
        '(%Foundation.Core.DependencyCompositions;)' >

<!ELEMENT Transformation.TransformationConstrainedBy (
        %Transformation.TransformationConstrainedByProperties;
        ,(XMI.extension* , %Transformation.TransformationConstrainedByAssociations; )
        , %Transformation.TransformationConstrainedByCompositions; )?>

<!ATTLIST Transformation.TransformationConstrainedBy %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Transformation.TransformationUse -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Transformation.TransformationUse.type (#PCDATA|XMI.reference)*>

<!ENTITY % Transformation.TransformationUseProperties '(%Foundation.Core.UsageProperties;
        ,Transformation.TransformationUse.type )' >

<!ENTITY % Transformation.TransformationUseAssociations
        '(%Foundation.Core.UsageAssociations;)' >

<!ENTITY % Transformation.TransformationUseCompositions
        '(%Foundation.Core.UsageCompositions;)' >

<!ELEMENT Transformation.TransformationUse ( %Transformation.TransformationUseProperties;
        ,(XMI.extension* , %Transformation.TransformationUseAssociations; )
        , %Transformation.TransformationUseCompositions; )?>

<!ATTLIST Transformation.TransformationUse %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Transformation.TransformationTree -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Transformation.TransformationTree.type EMPTY>
<!ATTLIST Transformation.TransformationTree.type %Transformation.TreeType;>

<!ELEMENT Transformation.TransformationTree.body (CWMFoundation.FeatureNode
        |CWMFoundation.ElementNode
        |CWMFoundation.ConstantNode
        |CWMFoundation.ExpressionNode)>

<!ENTITY % Transformation.TransformationTreeProperties
        '(%Transformation.TransformationProperties;
        ,Transformation.TransformationTree.type

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    ,Transformation.TransformationTree.body )' >
<!ENTITY % Transformation.TransformationTreeAssociations
    '(%Transformation.TransformationAssociations;)' >
<!ENTITY % Transformation.TransformationTreeCompositions
    '(%Transformation.TransformationCompositions;)' >
<!ELEMENT Transformation.TransformationTree ( %Transformation.TransformationTreeProperties;
    , (XMI.extension* , %Transformation.TransformationTreeAssociations; )
    , %Transformation.TransformationTreeCompositions; )?>
<!ATTLIST Transformation.TransformationTree %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Transformation.ClassMap -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Transformation.ClassMap.source (XML.ElementType
    |MDB.Dimension
    |Foundation.Core.Class
    |Olap.Hierarchy
    |Olap.MemberSelection
    |RecordOriented.Record
    |Relational.SQLQuery
    |Relational.BaseTable
    |Relational.ColumnSet
    |Foundation.Core.AssociationClass
    |Relational.Table
    |Olap.ValueBasedHierarchy
    |Relational.View
    |Olap.CodedLevel
    |Olap.CubeDimensionAssociation
    |Olap.LevelBasedHierarchy
    |Olap.Dimension
    |Olap.Cube
    |Olap.Level
    |Olap.CubeRegion
    |Olap.HierarchyLevelAssociation)+>

<!ELEMENT Transformation.ClassMap.target (XML.ElementType
    |MDB.Dimension
    |Foundation.Core.Class
    |Olap.Hierarchy
    |Olap.MemberSelection
    |RecordOriented.Record
    |Relational.SQLQuery
    |Relational.BaseTable
    |Relational.ColumnSet
    |Foundation.Core.AssociationClass
    |Relational.Table
    |Olap.ValueBasedHierarchy
    |Relational.View
    |Olap.CodedLevel
    |Olap.CubeDimensionAssociation
    |Olap.LevelBasedHierarchy
    |Olap.Dimension
    |Olap.Cube
    |Olap.Level
    |Olap.CubeRegion
    |Olap.HierarchyLevelAssociation)+>

<!ENTITY % Transformation.ClassMapProperties '(%Foundation.Core.NamespaceProperties;)' >

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<!ENTITY % Transformation.ClassMapAssociations '(%Foundation.Core.NamespaceAssociations;
,Transformation.ClassMap.source+
,Transformation.ClassMap.target+)' >

<!ENTITY % Transformation.ClassMapCompositions '(%Foundation.Core.NamespaceCompositions;)' >

<!ELEMENT Transformation.ClassMap ( %Transformation.ClassMapProperties;
,(XMI.extension* , %Transformation.ClassMapAssociations; )
, %Transformation.ClassMapCompositions; )?>

<!ATTLIST Transformation.ClassMap %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: Transformation.AttributeMap -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT Transformation.AttributeMap.source (XML.Attribute
|CWMFoundation.UnionMember
|MDDB.DimensionedObject
|Olap.Measure
|Foundation.Core.Attribute
|RecordOriented.Field
|RecordOriented.FixedOffsetField
|Relational.Column)+>

<!ELEMENT Transformation.AttributeMap.target (XML.Attribute
|CWMFoundation.UnionMember
|MDDB.DimensionedObject
|Olap.Measure
|Foundation.Core.Attribute
|RecordOriented.Field
|RecordOriented.FixedOffsetField
|Relational.Column)+>

<!ENTITY % Transformation.AttributeMapProperties '(%Foundation.Core.ModelElementProperties;)'
>

<!ENTITY % Transformation.AttributeMapAssociations
'(%Foundation.Core.ModelElementAssociations;
,Transformation.AttributeMap.source+
,Transformation.AttributeMap.target+)' >

<!ENTITY % Transformation.AttributeMapCompositions
'(%Foundation.Core.ModelElementCompositions;)' >

<!ELEMENT Transformation.AttributeMap ( %Transformation.AttributeMapProperties;
,(XMI.extension* , %Transformation.AttributeMapAssociations; )
, %Transformation.AttributeMapCompositions; )?>

<!ATTLIST Transformation.AttributeMap %XMI.element.att; %XMI.link.att; >

<!ELEMENT Transformation ((Transformation.Transformation
|Transformation.DataObjectSet
|Transformation.TransformationTask
|Transformation.TransformationStep
|Transformation.TransformationActivity
|Transformation.PrecedenceConstrainedBy
|Transformation.TransformationConstrainedBy
|Transformation.TransformationUse
|Transformation.TransformationMap
|Transformation.TransformationTree
|Transformation.ClassMap
|Transformation.AttributeMap)*>
<!ATTLIST Transformation %XMI.element.att; %XMI.link.att;>

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<!-- _____ -->
<!-- _____ -->
<!-- PACKAGE: WarehouseDeployment _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- ***** WarehouseDeployment.ComponentsOnMachine ***** -->
<!-- ELEMENT WarehouseDeployment.Machine.deployedComponent (
        warehouseDeployment.DeployedComponent)* >

<!-- ***** WarehouseDeployment.ProviderConnections ***** -->
<!-- ELEMENT WarehouseDeployment.DataProvider.resourceConnection (
        warehouseDeployment.ProviderConnection)* >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseDeployment.Site _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- ELEMENT WarehouseDeployment.Site.containedSite (WarehouseDeployment.Site)*>
<!-- ELEMENT WarehouseDeployment.Site.containingSite (WarehouseDeployment.Site)*>
<!-- ELEMENT WarehouseDeployment.Site.machine (WarehouseDeployment.Machine)*>
<!-- ENTITY % WarehouseDeployment.SiteProperties '(%CWMFoundation.LocationProperties;)' >
<!-- ENTITY % WarehouseDeployment.SiteAssociations '(%CWMFoundation.LocationAssociations;
        ,WarehouseDeployment.Site.containedSite*
        ,WarehouseDeployment.Site.containingSite*
        ,WarehouseDeployment.Site.machine*)' >
<!-- ENTITY % WarehouseDeployment.SiteCompositions '(%CWMFoundation.LocationCompositions;)' >
<!-- ELEMENT WarehouseDeployment.Site ( %WarehouseDeployment.SiteProperties;
        ,(XMI.extension* , %WarehouseDeployment.SiteAssociations; )
        , %WarehouseDeployment.SiteCompositions; )?>
<!-- ATTLIST WarehouseDeployment.Site %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseDeployment.Machine _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- ELEMENT WarehouseDeployment.Machine.internetAddress (#PCDATA|XMI.reference)*>
<!-- ELEMENT WarehouseDeployment.Machine.site (WarehouseDeployment.Site)?>
<!-- ENTITY % WarehouseDeployment.MachineProperties '(%Foundation.Core.ModelElementProperties;
        ,WarehouseDeployment.Machine.internetAddress )' >
<!-- ENTITY % WarehouseDeployment.MachineAssociations
        '(%Foundation.Core.ModelElementAssociations;
        ,WarehouseDeployment.Machine.site?)' >

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<!ENTITY % WarehouseDeployment.MachineCompositions
        '(%Foundation.Core.ModelElementCompositions;
        ,WarehouseDeployment.Machine.deployedComponent*)' >

<!ELEMENT WarehouseDeployment.Machine ( %WarehouseDeployment.MachineProperties;
        , (XMI.extension* , %WarehouseDeployment.MachineAssociations; )
        , %WarehouseDeployment.MachineCompositions; )?>

<!ATTLIST WarehouseDeployment.Machine %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseDeployment.SoftwareSystem -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT WarehouseDeployment.SoftwareSystem.supplier (#PCDATA|XMI.reference)*>
<!ELEMENT WarehouseDeployment.SoftwareSystem.version (#PCDATA|XMI.reference)*>
<!ELEMENT WarehouseDeployment.SoftwareSystem.deployment (WarehouseDeployment.DataProvider
|WarehouseDeployment.DataResource
|WarehouseDeployment.DeployedSoftwareSystem)*>

<!ENTITY % WarehouseDeployment.SoftwareSystemProperties
        '(%Model_Management.SubsystemProperties;
        ,WarehouseDeployment.SoftwareSystem.supplier
        ,WarehouseDeployment.SoftwareSystem.version )' >

<!ENTITY % WarehouseDeployment.SoftwareSystemAssociations
        '(%Model_Management.SubsystemAssociations;
        ,WarehouseDeployment.SoftwareSystem.deployment*)' >

<!ENTITY % WarehouseDeployment.SoftwareSystemCompositions
        '(%Model_Management.SubsystemCompositions;)' >

<!ELEMENT WarehouseDeployment.SoftwareSystem ( %WarehouseDeployment.SoftwareSystemProperties;
        , (XMI.extension* , %WarehouseDeployment.SoftwareSystemAssociations; )
        , %WarehouseDeployment.SoftwareSystemCompositions; )?>

<!ATTLIST WarehouseDeployment.SoftwareSystem %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseDeployment.DeployedComponent -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT WarehouseDeployment.DeployedComponent.component (Transformation.TransformationTask
|Foundation.Core.Component) >

<!ELEMENT WarehouseDeployment.DeployedComponent.machine (WarehouseDeployment.Machine) >

<!ENTITY % WarehouseDeployment.DeployedComponentProperties
        '(%Foundation.Core.ModelElementProperties;)' >

<!ENTITY % WarehouseDeployment.DeployedComponentAssociations
        '(%Foundation.Core.ModelElementAssociations;
        ,WarehouseDeployment.DeployedComponent.component
        ,WarehouseDeployment.DeployedComponent.machine?)' >

<!ENTITY % WarehouseDeployment.DeployedComponentCompositions
        '(%Foundation.Core.ModelElementCompositions;)' >

<!ELEMENT WarehouseDeployment.DeployedComponent (

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        ,(%XMI.extension* , %WarehouseDeployment.DeployedComponentAssociations; )
        , %WarehouseDeployment.DeployedComponentCompositions; )?>
<!ATTLIST WarehouseDeployment.DeployedComponent %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseDeployment.DeployedSoftwareSystem -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT WarehouseDeployment.DeployedSoftwareSystem.softwareSystem
        (WarehouseDeployment.SoftwareSystem) >

<!ENTITY % WarehouseDeployment.DeployedSoftwareSystemProperties
        '(%Model_Management.PackageProperties;)' >

<!ENTITY % WarehouseDeployment.DeployedSoftwareSystemAssociations
        '(%Model_Management.PackageAssociations;
        ,WarehouseDeployment.DeployedSoftwareSystem.softwareSystem )' >

<!ENTITY % WarehouseDeployment.DeployedSoftwareSystemCompositions
        '(%Model_Management.PackageCompositions;)' >

<!ELEMENT WarehouseDeployment.DeployedSoftwareSystem (
        ,(%XMI.extension* , %WarehouseDeployment.DeployedSoftwareSystemAssociations; )
        , %WarehouseDeployment.DeployedSoftwareSystemCompositions; )?>

<!ATTLIST WarehouseDeployment.DeployedSoftwareSystem %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseDeployment.DataResource -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT WarehouseDeployment.DataResource.clientConnection
        (WarehouseDeployment.ProviderConnection)*>

<!ELEMENT WarehouseDeployment.DataResource.dataType (CWMFoundation.TypeAlias
|CWMFoundation.Enumeration
|Relational.SQLDistinctType
|Relational.SQLDataType
|Relational.SQLSimpleType
|RecordOriented.Group
|Relational.SQLStructuredType
|Foundation.Core.DataType
|CWMFoundation.Union)*>

<!ELEMENT WarehouseDeployment.DataResource.dataPackage (Model_Management.Model
|Model_Management.Package
|RecordOriented.RecordFile
|XML.Schema
|WarehouseProcess.Events.CustomCalendar
|WarehouseDeployment.DataProvider
|WarehouseDeployment.DataResource
|Olap.Schema
|MDDB.Schema
|Relational.Catalog
|Relational.Schema
|WarehouseDeployment.DeployedSoftwareSystem)*>

<!ENTITY % WarehouseDeployment.DataResourceProperties

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        '(%WarehouseDeployment.DeployedSoftwareSystemProperties;)' >
<!ENTITY % WarehouseDeployment.DataResourceAssociations
        '(%WarehouseDeployment.DeployedSoftwareSystemAssociations;
        ,WarehouseDeployment.DataResource.clientConnection*
        ,WarehouseDeployment.DataResource.dataType*
        ,WarehouseDeployment.DataResource.dataPackage*)' >
<!ENTITY % WarehouseDeployment.DataResourceCompositions
        '(%WarehouseDeployment.DeployedSoftwareSystemCompositions;)' >
<!ELEMENT WarehouseDeployment.DataResource ( %WarehouseDeployment.DataResourceProperties;
        , (XMI.extension* , %WarehouseDeployment.DataResourceAssociations; )
        , %WarehouseDeployment.DataResourceCompositions; )?>
<!ATTLIST WarehouseDeployment.DataResource %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseDeployment.DataProvider -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % WarehouseDeployment.DataProviderProperties
        '(%WarehouseDeployment.DataResourceProperties;)' >
<!ENTITY % WarehouseDeployment.DataProviderAssociations
        '(%WarehouseDeployment.DataResourceAssociations;)' >
<!ENTITY % WarehouseDeployment.DataProviderCompositions
        '(%WarehouseDeployment.DataResourceCompositions;
        ,WarehouseDeployment.DataProvider.resourceConnection*)' >
<!ELEMENT WarehouseDeployment.DataProvider ( %WarehouseDeployment.DataProviderProperties;
        , (XMI.extension* , %WarehouseDeployment.DataProviderAssociations; )
        , %WarehouseDeployment.DataProviderCompositions; )?>
<!ATTLIST WarehouseDeployment.DataProvider %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseDeployment.ProviderConnection -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT WarehouseDeployment.ProviderConnection.isReadOnly EMPTY>
<!ATTLIST WarehouseDeployment.ProviderConnection.isReadOnly
        xmi.value ( true | false ) #REQUIRED>

<!ELEMENT WarehouseDeployment.ProviderConnection.dataTypeMapping
        (CWMFoundation.DataTypeMapping)*>
<!ELEMENT WarehouseDeployment.ProviderConnection.dataProvider
        (WarehouseDeployment.DataProvider) >
<!ELEMENT WarehouseDeployment.ProviderConnection.dataResource
        (WarehouseDeployment.DataProvider
        |WarehouseDeployment.DataResource) >
<!ENTITY % WarehouseDeployment.ProviderConnectionProperties
        '(%Foundation.Core.RelationshipProperties;
        ,WarehouseDeployment.ProviderConnection.isReadOnly )' >
<!ENTITY % WarehouseDeployment.ProviderConnectionAssociations
        '(%Foundation.Core.RelationshipAssociations;

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, WarehouseDeployment.ProviderConnection.dataTypeMapping*
, WarehouseDeployment.ProviderConnection.dataProvider?
, WarehouseDeployment.ProviderConnection.dataResource )' >

<!ENTITY % WarehouseDeployment.ProviderConnectionCompositions
        '(%Foundation.Core.RelationshipCompositions;)' >

<!ELEMENT WarehouseDeployment.ProviderConnection (
        %WarehouseDeployment.ProviderConnectionProperties;
        , (XMI.extension* , %WarehouseDeployment.ProviderConnectionAssociations; )
        , %WarehouseDeployment.ProviderConnectionCompositions; )?>

<!ATTLIST WarehouseDeployment.ProviderConnection %XMI.element.att; %XMI.link.att; >

<!ELEMENT WarehouseDeployment ((WarehouseDeployment.Site
| WarehouseDeployment.Machine
| WarehouseDeployment.SoftwareSystem
| WarehouseDeployment.DeployedComponent
| WarehouseDeployment.DeployedSoftwareSystem
| WarehouseDeployment.DataResource
| WarehouseDeployment.DataProvider
| WarehouseDeployment.ProviderConnection)*>
<!ATTLIST WarehouseDeployment %XMI.element.att; %XMI.link.att;>

<!-- _____ -->
<!-- _____ -->
<!-- PACKAGE: WarehouseOperation -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % WarehouseOperation.MeasurementType
        'xmi.value ( measure| estimate| plan ) #REQUIRED'>

<!-- ***** WarehouseOperation.ActivityStepExecutions ***** -->

<!ELEMENT WarehouseOperation.ActivityExecution.stepExecution (
        WarehouseOperation.StepExecution)* >

<!-- ***** WarehouseOperation.ModelElementMeasurement ***** -->

<!ELEMENT WarehouseOperation.ModelElementMeasurement.modelElement (XMI.reference) >
<!ELEMENT WarehouseOperation.ModelElementMeasurement.measurement (XMI.reference)* >

<!-- ***** WarehouseOperation.ModelElementChangeRequest ***** -->

<!ELEMENT WarehouseOperation.ModelElementChangeRequest.modelElement (XMI.reference)+ >
<!ELEMENT WarehouseOperation.ModelElementChangeRequest.changeRequest (XMI.reference)* >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseOperation.StepExecution -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT WarehouseOperation.StepExecution.startDate (#PCDATA|XMI.reference)*>
<!ELEMENT WarehouseOperation.StepExecution.endDate (#PCDATA|XMI.reference)*>
<!ELEMENT WarehouseOperation.StepExecution.inProgress EMPTY>

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<!ATTLIST WarehouseOperation.StepExecution.inProgress
    xmi.value ( true | false ) #REQUIRED>

<!ELEMENT WarehouseOperation.StepExecution.successful EMPTY>
<!ATTLIST WarehouseOperation.StepExecution.successful
    xmi.value ( true | false ) #REQUIRED>

<!ELEMENT WarehouseOperation.StepExecution.status (Foundation.Data_Types.ProcedureExpression
|Foundation.Data_Types.ObjectSetExpression
|Foundation.Data_Types.IterationExpression
|Foundation.Data_Types.Expression
|CWMFoundation.QueryExpression
|Foundation.Data_Types.TimeExpression
|Foundation.Data_Types.TypeExpression
|Foundation.Data_Types.ArgListsExpression
|Foundation.Data_Types.BooleanExpression
|Foundation.Data_Types.MappingExpression
|Foundation.Data_Types.ActionExpression)>

<!ELEMENT WarehouseOperation.StepExecution.transformationStep
    (Transformation.TransformationStep) >

<!ELEMENT WarehouseOperation.StepExecution.activityExecution
    (WarehouseOperation.ActivityExecution) >

<!ELEMENT WarehouseOperation.StepExecution.callAction
    (Behavioral_Elements.Common_Behavior.CallAction)?>

<!ENTITY % WarehouseOperation.StepExecutionProperties
    '(%Foundation.Core.ModelElementProperties;
    ,WarehouseOperation.StepExecution.startDate
    ,(WarehouseOperation.StepExecution.endDate)?
    ,WarehouseOperation.StepExecution.inProgress
    ,WarehouseOperation.StepExecution.successful
    ,WarehouseOperation.StepExecution.status )' >

<!ENTITY % WarehouseOperation.StepExecutionAssociations
    '(%Foundation.Core.ModelElementAssociations;
    ,WarehouseOperation.StepExecution.transformationStep
    ,WarehouseOperation.StepExecution.activityExecution?
    ,WarehouseOperation.StepExecution.callAction?)' >

<!ENTITY % WarehouseOperation.StepExecutionCompositions
    '(%Foundation.Core.ModelElementCompositions;)' >

<!ELEMENT WarehouseOperation.StepExecution ( %WarehouseOperation.StepExecutionProperties;
    ,(XMI.extension* , %WarehouseOperation.StepExecutionAssociations; )
    , %WarehouseOperation.StepExecutionCompositions; )?>

<!ATTLIST WarehouseOperation.StepExecution %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseOperation.ActivityExecution -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT WarehouseOperation.ActivityExecution.startDate (#PCDATA|XMI.reference)*>
<!ELEMENT WarehouseOperation.ActivityExecution.endDate (#PCDATA|XMI.reference)*>
<!ELEMENT WarehouseOperation.ActivityExecution.inProgress EMPTY>
<!ATTLIST WarehouseOperation.ActivityExecution.inProgress
    xmi.value ( true | false ) #REQUIRED>

<!ELEMENT WarehouseOperation.ActivityExecution.successful EMPTY>

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<!ATTLIST WarehouseOperation.ActivityExecution.successful
    xmi.value ( true | false ) #REQUIRED>

<!ELEMENT WarehouseOperation.ActivityExecution.status
    (Foundation.Data_Types.ProcedureExpression
    |Foundation.Data_Types.ObjectSetExpression
    |Foundation.Data_Types.IterationExpression
    |Foundation.Data_Types.Expression
    |CWMFoundation.QueryExpression
    |Foundation.Data_Types.TimeExpression
    |Foundation.Data_Types.TypeExpression
    |Foundation.Data_Types.ArgListsExpression
    |Foundation.Data_Types.BooleanExpression
    |Foundation.Data_Types.MappingExpression
    |Foundation.Data_Types.ActionExpression)>

<!ELEMENT WarehouseOperation.ActivityExecution.transformationActivity
    (Transformation.TransformationActivity) >

<!ENTITY % WarehouseOperation.ActivityExecutionProperties
    '(%Foundation.Core.ModelElementProperties;
    ,WarehouseOperation.ActivityExecution.startDate
    ,(WarehouseOperation.ActivityExecution.endDate)?
    ,WarehouseOperation.ActivityExecution.inProgress
    ,WarehouseOperation.ActivityExecution.successful
    ,WarehouseOperation.ActivityExecution.status )' >

<!ENTITY % WarehouseOperation.ActivityExecutionAssociations
    '(%Foundation.Core.ModelElementAssociations;
    ,WarehouseOperation.ActivityExecution.transformationActivity )' >

<!ENTITY % WarehouseOperation.ActivityExecutionCompositions
    '(%Foundation.Core.ModelElementCompositions;
    ,WarehouseOperation.ActivityExecution.stepExecution*)' >

<!ELEMENT WarehouseOperation.ActivityExecution (
    %WarehouseOperation.ActivityExecutionProperties;
    ,(XMI.extension* , %WarehouseOperation.ActivityExecutionAssociations; )
    , %WarehouseOperation.ActivityExecutionCompositions; )?>

<!ATTLIST WarehouseOperation.ActivityExecution %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseOperation.Measurement -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT WarehouseOperation.Measurement.value (#PCDATA|XMI.reference)*>
<!ELEMENT WarehouseOperation.Measurement.unit (#PCDATA|XMI.reference)*>
<!ELEMENT WarehouseOperation.Measurement.type EMPTY>
<!ATTLIST WarehouseOperation.Measurement.type %WarehouseOperation.MeasurementType;>

<!ELEMENT WarehouseOperation.Measurement.creationDate (#PCDATA|XMI.reference)*>
<!ELEMENT WarehouseOperation.Measurement.effectiveDate (#PCDATA|XMI.reference)*>

<!ENTITY % WarehouseOperation.MeasurementProperties
    '(%Foundation.Core.ModelElementProperties;
    ,WarehouseOperation.Measurement.value
    ,WarehouseOperation.Measurement.unit
    ,WarehouseOperation.Measurement.type
    ,WarehouseOperation.Measurement.creationDate
    ,WarehouseOperation.Measurement.effectiveDate )' >

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<!ENTITY % WarehouseOperation.MeasurementAssociations
        '(%Foundation.Core.ModelElementAssociations;)' >

<!ENTITY % WarehouseOperation.MeasurementCompositions
        '(%Foundation.Core.ModelElementCompositions;)' >

<!ELEMENT WarehouseOperation.Measurement ( %WarehouseOperation.MeasurementProperties;
        , (XMI.extension* , %WarehouseOperation.MeasurementAssociations; )
        , %WarehouseOperation.MeasurementCompositions; )?>

<!ATTLIST WarehouseOperation.Measurement %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- -->
<!-- CLASS: WarehouseOperation.ChangeRequest -->
<!-- -->
<!-- _____ -->

<!ELEMENT WarehouseOperation.ChangeRequest.changeDescription (#PCDATA|XMI.reference)*>
<!ELEMENT WarehouseOperation.ChangeRequest.changeReason (#PCDATA|XMI.reference)*>
<!ELEMENT WarehouseOperation.ChangeRequest.status (#PCDATA|XMI.reference)*>
<!ELEMENT WarehouseOperation.ChangeRequest.completed EMPTY>
<!ATTLIST WarehouseOperation.ChangeRequest.completed
        xmi.value ( true | false ) #REQUIRED>

<!ELEMENT WarehouseOperation.ChangeRequest.requestDate (#PCDATA|XMI.reference)*>
<!ELEMENT WarehouseOperation.ChangeRequest.completionDate (#PCDATA|XMI.reference)*>

<!ENTITY % WarehouseOperation.ChangeRequestProperties
        '(%Foundation.Core.ModelElementProperties;
        , WarehouseOperation.ChangeRequest.changeDescription
        , WarehouseOperation.ChangeRequest.changeReason
        , WarehouseOperation.ChangeRequest.status
        , WarehouseOperation.ChangeRequest.completed
        , WarehouseOperation.ChangeRequest.requestDate
        , WarehouseOperation.ChangeRequest.completionDate)?)' >

<!ENTITY % WarehouseOperation.ChangeRequestAssociations
        '(%Foundation.Core.ModelElementAssociations;)' >

<!ENTITY % WarehouseOperation.ChangeRequestCompositions
        '(%Foundation.Core.ModelElementCompositions;)' >

<!ELEMENT WarehouseOperation.ChangeRequest ( %WarehouseOperation.ChangeRequestProperties;
        , (XMI.extension* , %WarehouseOperation.ChangeRequestAssociations; )
        , %WarehouseOperation.ChangeRequestCompositions; )?>

<!ATTLIST WarehouseOperation.ChangeRequest %XMI.element.att; %XMI.link.att; >

<!ELEMENT WarehouseOperation ((WarehouseOperation.StepExecution
        | WarehouseOperation.ActivityExecution
        | WarehouseOperation.Measurement
        | WarehouseOperation.ChangeRequest)*>
<!ATTLIST WarehouseOperation %XMI.element.att; %XMI.link.att;>

<!-- _____ -->
<!-- -->
<!-- PACKAGE: WarehouseProcess -->
<!-- -->

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<!-- _____ -->
<!ENTITY % WarehouseProcess.DataType.RecurringType
    ' xmi.value ( everyYear| everyMonth| everyWeek| everyDay| everyHour| everyMinute
        ) #REQUIRED'>

<!ENTITY % WarehouseProcess.DataType.DayOfWeek
    ' xmi.value ( monday| tuesday| wednesday| thursday| friday| saturday| sunday|
        workingDay| nonworkingDay ) #REQUIRED'>

<!ENTITY % WarehouseProcess.DataType.WaitRuleType
    ' xmi.value ( waitForAll| waitForAny ) #REQUIRED'>

<!-- _____ -->
<!-- _____ -->
<!-- PACKAGE: WarehouseProcess.Events _____ -->
<!-- _____ -->
<!-- _____ -->

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseProcess.Events.WarehouseEvent _____ -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % WarehouseProcess.Events.WarehouseEventProperties
    '(%Behavioral_Elements.State_Machines.EventProperties;)' >

<!ENTITY % WarehouseProcess.Events.WarehouseEventAssociations
    '(%Behavioral_Elements.State_Machines.EventAssociations;)' >

<!ENTITY % WarehouseProcess.Events.WarehouseEventCompositions
    '(%Behavioral_Elements.State_Machines.EventCompositions;)' >

<!ELEMENT WarehouseProcess.Events.WarehouseEvent (
    %WarehouseProcess.Events.WarehouseEventProperties;
    , (XMI.extension* , %WarehouseProcess.Events.WarehouseEventAssociations; )
    , %WarehouseProcess.Events.WarehouseEventCompositions; )?>

<!ATTLIST WarehouseProcess.Events.WarehouseEvent %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseProcess.Events.ScheduleEvent _____ -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % WarehouseProcess.Events.ScheduleEventProperties
    '(%WarehouseProcess.Events.WarehouseEventProperties;)' >

<!ENTITY % WarehouseProcess.Events.ScheduleEventAssociations
    '(%WarehouseProcess.Events.WarehouseEventAssociations;)' >

<!ENTITY % WarehouseProcess.Events.ScheduleEventCompositions
    '(%WarehouseProcess.Events.WarehouseEventCompositions;)' >

<!ELEMENT WarehouseProcess.Events.ScheduleEvent (
    %WarehouseProcess.Events.ScheduleEventProperties;
    , (XMI.extension* , %WarehouseProcess.Events.ScheduleEventAssociations; )
    , %WarehouseProcess.Events.ScheduleEventCompositions; )?>

<!ATTLIST WarehouseProcess.Events.ScheduleEvent %XMI.element.att; %XMI.link.att; >

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<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseProcess.Events.PointInTimeEvent -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % WarehouseProcess.Events.PointInTimeEventProperties
        '(%WarehouseProcess.Events.ScheduleEventProperties;)' >

<!ENTITY % WarehouseProcess.Events.PointInTimeEventAssociations
        '(%WarehouseProcess.Events.ScheduleEventAssociations;)' >

<!ENTITY % WarehouseProcess.Events.PointInTimeEventCompositions
        '(%WarehouseProcess.Events.ScheduleEventCompositions;)' >

<!ELEMENT WarehouseProcess.Events.PointInTimeEvent (
        %WarehouseProcess.Events.PointInTimeEventProperties;
        , (XMI.extension* , %WarehouseProcess.Events.PointInTimeEventAssociations; )
        , %WarehouseProcess.Events.PointInTimeEventCompositions; )?>

<!ATTLIST WarehouseProcess.Events.PointInTimeEvent %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseProcess.Events.CustomCalendarEvent -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % WarehouseProcess.Events.CustomCalendarEventProperties
        '(%WarehouseProcess.Events.PointInTimeEventProperties;)' >

<!ENTITY % WarehouseProcess.Events.CustomCalendarEventAssociations
        '(%WarehouseProcess.Events.PointInTimeEventAssociations;)' >

<!ENTITY % WarehouseProcess.Events.CustomCalendarEventCompositions
        '(%WarehouseProcess.Events.PointInTimeEventCompositions;)' >

<!ELEMENT WarehouseProcess.Events.CustomCalendarEvent (
        %WarehouseProcess.Events.CustomCalendarEventProperties;
        , (XMI.extension* , %WarehouseProcess.Events.CustomCalendarEventAssociations; )
        , %WarehouseProcess.Events.CustomCalendarEventCompositions; )?>

<!ATTLIST WarehouseProcess.Events.CustomCalendarEvent %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseProcess.Events.CustomCalendar -->
<!-- _____ -->
<!-- _____ -->

<!ENTITY % WarehouseProcess.Events.CustomCalendarProperties
        '(%Model_Management.PackageProperties;)' >

<!ENTITY % WarehouseProcess.Events.CustomCalendarAssociations
        '(%Model_Management.PackageAssociations;)' >

<!ENTITY % WarehouseProcess.Events.CustomCalendarCompositions
        '(%Model_Management.PackageCompositions;)' >

<!ELEMENT WarehouseProcess.Events.CustomCalendar (
        %WarehouseProcess.Events.CustomCalendarProperties;
        , (XMI.extension* , %WarehouseProcess.Events.CustomCalendarAssociations; )
        , %WarehouseProcess.Events.CustomCalendarCompositions; )?>

<!ATTLIST WarehouseProcess.Events.CustomCalendar %XMI.element.att; %XMI.link.att; >

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<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseProcess.Events.CalendarDate -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT WarehouseProcess.Events.CalendarDate.specificDate (#PCDATA|XMI.reference)*>

<!ENTITY % WarehouseProcess.Events.CalendarDateProperties
          '(%Foundation.Core.ModelElementProperties;
            ,WarehouseProcess.Events.CalendarDate.specificDate )' >

<!ENTITY % WarehouseProcess.Events.CalendarDateAssociations
          '(%Foundation.Core.ModelElementAssociations;)' >

<!ENTITY % WarehouseProcess.Events.CalendarDateCompositions
          '(%Foundation.Core.ModelElementCompositions;)' >

<!ELEMENT WarehouseProcess.Events.CalendarDate (
          %WarehouseProcess.Events.CalendarDateProperties;
          , (XMI.extension* , %WarehouseProcess.Events.CalendarDateAssociations; )
          , %WarehouseProcess.Events.CalendarDateCompositions; )?>

<!ATTLIST WarehouseProcess.Events.CalendarDate %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseProcess.Events.IntervalEvent -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT WarehouseProcess.Events.IntervalEvent.duration (#PCDATA|XMI.reference)*>

<!ENTITY % WarehouseProcess.Events.IntervalEventProperties
          '(%WarehouseProcess.Events.ScheduleEventProperties;
            ,WarehouseProcess.Events.IntervalEvent.duration )' >

<!ENTITY % WarehouseProcess.Events.IntervalEventAssociations
          '(%WarehouseProcess.Events.ScheduleEventAssociations;)' >

<!ENTITY % WarehouseProcess.Events.IntervalEventCompositions
          '(%WarehouseProcess.Events.ScheduleEventCompositions;)' >

<!ELEMENT WarehouseProcess.Events.IntervalEvent (
          %WarehouseProcess.Events.IntervalEventProperties;
          , (XMI.extension* , %WarehouseProcess.Events.IntervalEventAssociations; )
          , %WarehouseProcess.Events.IntervalEventCompositions; )?>

<!ATTLIST WarehouseProcess.Events.IntervalEvent %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseProcess.Events.ExternalEvent -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT WarehouseProcess.Events.ExternalEvent.description (#PCDATA|XMI.reference)*>

<!ENTITY % WarehouseProcess.Events.ExternalEventProperties
          '(%WarehouseProcess.Events.WarehouseEventProperties;
            ,WarehouseProcess.Events.ExternalEvent.description )' >

<!ENTITY % WarehouseProcess.Events.ExternalEventAssociations

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        '(%WarehouseProcess.Events.WarehouseEventAssociations;)' >
<!ENTITY % WarehouseProcess.Events.ExternalEventCompositions
        '(%WarehouseProcess.Events.WarehouseEventCompositions;)' >
<!ELEMENT WarehouseProcess.Events.ExternalEvent (
        %WarehouseProcess.Events.ExternalEventProperties;
        ,(XMI.extension* , %WarehouseProcess.Events.ExternalEventAssociations; )
        , %WarehouseProcess.Events.ExternalEventCompositions; )?>
<!ATTLIST WarehouseProcess.Events.ExternalEvent %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseProcess.Events.InternalEvent -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT WarehouseProcess.Events.InternalEvent.condition
        (Foundation.Data_Types.BooleanExpression)>
<!ENTITY % WarehouseProcess.Events.InternalEventProperties
        '(%WarehouseProcess.Events.WarehouseEventProperties;
        ,WarehouseProcess.Events.InternalEvent.condition )' >
<!ENTITY % WarehouseProcess.Events.InternalEventAssociations
        '(%WarehouseProcess.Events.WarehouseEventAssociations;)' >
<!ENTITY % WarehouseProcess.Events.InternalEventCompositions
        '(%WarehouseProcess.Events.WarehouseEventCompositions;)' >
<!ELEMENT WarehouseProcess.Events.InternalEvent (
        %WarehouseProcess.Events.InternalEventProperties;
        ,(XMI.extension* , %WarehouseProcess.Events.InternalEventAssociations; )
        , %WarehouseProcess.Events.InternalEventCompositions; )?>
<!ATTLIST WarehouseProcess.Events.InternalEvent %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseProcess.Events.CascadeEvent -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT WarehouseProcess.Events.CascadeEvent.waitRule EMPTY>
<!ATTLIST WarehouseProcess.Events.CascadeEvent.waitRule
        %WarehouseProcess.Data_Type.waitRuleType;>
<!ENTITY % WarehouseProcess.Events.CascadeEventProperties
        '(%WarehouseProcess.Events.InternalEventProperties;
        ,WarehouseProcess.Events.CascadeEvent.waitRule )' >
<!ENTITY % WarehouseProcess.Events.CascadeEventAssociations
        '(%WarehouseProcess.Events.InternalEventAssociations;)' >
<!ENTITY % WarehouseProcess.Events.CascadeEventCompositions
        '(%WarehouseProcess.Events.InternalEventCompositions;)' >
<!ELEMENT WarehouseProcess.Events.CascadeEvent (
        %WarehouseProcess.Events.CascadeEventProperties;
        ,(XMI.extension* , %WarehouseProcess.Events.CascadeEventAssociations; )
        , %WarehouseProcess.Events.CascadeEventCompositions; )?>
<!ATTLIST WarehouseProcess.Events.CascadeEvent %XMI.element.att; %XMI.link.att; >

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<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseProcess.Events.RetryEvent -->
<!-- _____ -->
<!-- _____ -->

<ELEMENT WarehouseProcess.Events.RetryEvent.waitDuration (#PCDATA|XMI.reference)*>
<ELEMENT WarehouseProcess.Events.RetryEvent.maxCount (#PCDATA|XMI.reference)*>

<ENTITY % WarehouseProcess.Events.RetryEventProperties
    '(%WarehouseProcess.Events.InternalEventProperties;
    ,WarehouseProcess.Events.RetryEvent.waitDuration
    ,WarehouseProcess.Events.RetryEvent.maxCount )' >

<ENTITY % WarehouseProcess.Events.RetryEventAssociations
    '(%WarehouseProcess.Events.InternalEventAssociations;)' >

<ENTITY % WarehouseProcess.Events.RetryEventCompositions
    '(%WarehouseProcess.Events.InternalEventCompositions;)' >

<ELEMENT WarehouseProcess.Events.RetryEvent ( %WarehouseProcess.Events.RetryEventProperties;
    , (XMI.extension* , %WarehouseProcess.Events.RetryEventAssociations; )
    , %WarehouseProcess.Events.RetryEventCompositions; )?>

<ATTLIST WarehouseProcess.Events.RetryEvent %XMI.element.att; %XMI.link.att; >

<!-- _____ -->
<!-- _____ -->
<!-- CLASS: WarehouseProcess.Events.RecurringPointInTimeEvent -->
<!-- _____ -->
<!-- _____ -->

<ELEMENT WarehouseProcess.Events.RecurringPointInTimeEvent.recurringType EMPTY>
<ATTLIST WarehouseProcess.Events.RecurringPointInTimeEvent.recurringType
    %WarehouseProcess.DataType.RecurringType;>

<ELEMENT WarehouseProcess.Events.RecurringPointInTimeEvent.frequencyFactor
    (#PCDATA|XMI.reference)*>

<ELEMENT WarehouseProcess.Events.RecurringPointInTimeEvent.month (#PCDATA|XMI.reference)*>

<ELEMENT WarehouseProcess.Events.RecurringPointInTimeEvent.dayOfMonth
    (#PCDATA|XMI.reference)*>

<ELEMENT WarehouseProcess.Events.RecurringPointInTimeEvent.dayOfWeek EMPTY>
<ATTLIST WarehouseProcess.Events.RecurringPointInTimeEvent.dayOfWeek
    %WarehouseProcess.DataType.DayOfWeek;>

<ELEMENT WarehouseProcess.Events.RecurringPointInTimeEvent.hour (#PCDATA|XMI.reference)*>

<ELEMENT WarehouseProcess.Events.RecurringPointInTimeEvent.minute (#PCDATA|XMI.reference)*>

<ELEMENT WarehouseProcess.Events.RecurringPointInTimeEvent.second (#PCDATA|XMI.reference)*>

<ENTITY % WarehouseProcess.Events.RecurringPointInTimeEventProperties
    '(%WarehouseProcess.Events.PointInTimeEventProperties;
    ,WarehouseProcess.Events.RecurringPointInTimeEvent.recurringType
    ,WarehouseProcess.Events.RecurringPointInTimeEvent.frequencyFactor
    ,WarehouseProcess.Events.RecurringPointInTimeEvent.month
    ,WarehouseProcess.Events.RecurringPointInTimeEvent.dayOfMonth
    ,WarehouseProcess.Events.RecurringPointInTimeEvent.dayOfWeek
    ,WarehouseProcess.Events.RecurringPointInTimeEvent.hour
    ,WarehouseProcess.Events.RecurringPointInTimeEvent.minute
    ,WarehouseProcess.Events.RecurringPointInTimeEvent.second )' >

```

```

<!ENTITY % WarehouseProcess.Events.RecurringPointInTimeEventAssociations
        '(%WarehouseProcess.Events.PointInTimeEventAssociations;)' >

<!ENTITY % WarehouseProcess.Events.RecurringPointInTimeEventCompositions
        '(%WarehouseProcess.Events.PointInTimeEventCompositions;)' >

<!ELEMENT WarehouseProcess.Events.RecurringPointInTimeEvent (
        %WarehouseProcess.Events.RecurringPointInTimeEventProperties;
        , (XMI.extension* , %WarehouseProcess.Events.RecurringPointInTimeEventAssociations; )
        , %WarehouseProcess.Events.RecurringPointInTimeEventCompositions; )?>

<!ATTLIST WarehouseProcess.Events.RecurringPointInTimeEvent %XMI.element.att; %XMI.link.att;
        >

<!ELEMENT WarehouseProcess.Events ((WarehouseProcess.Events.WarehouseEvent
| WarehouseProcess.Events.ScheduleEvent
| WarehouseProcess.Events.PointInTimeEvent
| WarehouseProcess.Events.CustomCalendarEvent
| WarehouseProcess.Events.CustomCalendar
| WarehouseProcess.Events.CalendarDate
| WarehouseProcess.Events.IntervalEvent
| WarehouseProcess.Events.ExternalEvent
| WarehouseProcess.Events.InternalEvent
| WarehouseProcess.Events.CascadeEvent
| WarehouseProcess.Events.RetryEvent
| WarehouseProcess.Events.RecurringPointInTimeEvent)*)>
<!ATTLIST WarehouseProcess.Events %XMI.element.att; %XMI.link.att;>

<!-- _____ -->
<!-- _____ -->
<!-- PACKAGE: WarehouseProcess.DataType _____ -->
<!-- _____ -->
<!-- _____ -->

<!ELEMENT WarehouseProcess.DataType EMPTY>
<!ATTLIST WarehouseProcess.DataType %XMI.element.att; %XMI.link.att;>

<!-- ***** WarehouseProcess.A_customCalendar_customCalendarEvent ***** -->

<!ELEMENT WarehouseProcess.A_customCalendar_customCalendarEvent.customCalendar (XMI.reference
) >

<!ELEMENT WarehouseProcess.A_customCalendar_customCalendarEvent.customCalendarEvent
(XMI.reference)* >

<!-- ***** WarehouseProcess.Event ***** -->

<!ELEMENT WarehouseProcess.WarehouseProcess.warehouseEvent (
        WarehouseProcess.Events.CascadeEvent
| WarehouseProcess.Events.RetryEvent
| WarehouseProcess.Events.RecurringPointInTimeEvent
| WarehouseProcess.Events.ExternalEvent
| WarehouseProcess.Events.IntervalEvent
| WarehouseProcess.Events.ScheduleEvent
| WarehouseProcess.Events.WarehouseEvent
| WarehouseProcess.Events.PointInTimeEvent
| WarehouseProcess.Events.CustomCalendarEvent)+ >

<!-- _____ -->
<!-- _____ -->

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<!-- CLASS: WarehouseProcess.WarehouseProcess -->
<!-- -->
<!-- ----- -->

<!-- ELEMENT WarehouseProcess.WarehouseProcess.staticDefinition EMPTY>
<!-- ATTLIST WarehouseProcess.WarehouseProcess.staticDefinition
      xmi.value ( true | false ) #REQUIRED>

<!-- ELEMENT WarehouseProcess.WarehouseProcess.isSequential EMPTY>
<!-- ATTLIST WarehouseProcess.WarehouseProcess.isSequential
      xmi.value ( true | false ) #REQUIRED>

<!-- ELEMENT WarehouseProcess.WarehouseProcess.internalEvent
      (WarehouseProcess.Events.CascadeEvent
      |WarehouseProcess.Events.RetryEvent
      |WarehouseProcess.Events.InternalEvent)*>

<!-- ELEMENT WarehouseProcess.WarehouseProcess.transformationStep
      (Transformation.TransformationStep)?>

<!-- ENTITY % WarehouseProcess.WarehouseProcessProperties
      '(%Foundation.Core.ModelElementProperties;
      ,WarehouseProcess.WarehouseProcess.staticDefinition
      ,WarehouseProcess.WarehouseProcess.isSequential )' >

<!-- ENTITY % WarehouseProcess.WarehouseProcessAssociations
      '(%Foundation.Core.ModelElementAssociations;
      ,WarehouseProcess.WarehouseProcess.internalEvent*
      ,WarehouseProcess.WarehouseProcess.transformationStep?)' >

<!-- ENTITY % WarehouseProcess.WarehouseProcessCompositions
      '(%Foundation.Core.ModelElementCompositions;
      ,WarehouseProcess.WarehouseProcess.warehouseEvent+)' >

<!-- ELEMENT WarehouseProcess.WarehouseProcess ( %WarehouseProcess.WarehouseProcessProperties;
      ,(XMI.extension* , %WarehouseProcess.WarehouseProcessAssociations; )
      , %WarehouseProcess.WarehouseProcessCompositions; )?>

<!-- ATTLIST WarehouseProcess.WarehouseProcess %XMI.element.att; %XMI.link.att; >

<!-- ELEMENT WarehouseProcess ((WarehouseProcess.WarehouseProcess
      |WarehouseProcess.Events
      |WarehouseProcess.DataType)*)>
<!-- ATTLIST WarehouseProcess %XMI.element.att; %XMI.link.att;>

<!-- ----- -->
<!-- -->
<!-- PACKAGE: CWM -->
<!-- -->
<!-- ----- -->

<!-- ELEMENT CWM ((
      Foundation
      |Model_Management
      |Behavioral_Elements
      |CWMFoundation
      |RecordOriented
      |Relational
      |MDDB
      |Olap
      |XML
      |Transformation
      |WarehouseDeployment
      |WarehouseOperation
      |WarehouseProcess)*>
<!-- ATTLIST CWM %XMI.element.att; %XMI.link.att;>

```





The XML, IDL and DTD for each of the extension packages will appear in a subsequent version of the CWM submission. The extension packages are IMS, Essbase, Express, and InformationSet.