

Oracle Priority List

| Key | Summary | Status | Priority |
|-------------------------|---|--------|----------|
| SDO-163 | Remove references to HelperProvider(Impl) | Open | Done? |
| SDO-159 | Decide if SDO implementations must validate data | Open | Defer |
| SDO-157 | Support for facets in the SDO metamodel | Open | Defer |
| SDO-156 | java.io.Serialization should also be able to handle non-closed DataGraph | Open | High |
| SDO-155 | Support java.io.Serialization in landscapes with multiple HelperContexts | Open | Done |
| SDO-153 | Should substitutionGroup where maxOccurs>1 imply isSequenced=true? | Open | Defer |
| SDO-152 | SDOPath access to mixed text | Open | Defer |
| SDO-151 | Accessing Global Types and Properties using XSDHelper | Open | High |
| SDO-149 | Editorial work needed on the text describing keys | Open | |
| SDO-148 | Specify ChangeSummary serialization format for arrays and Sequences | Open | Medium |
| SDO-147 | Make the type conversions language-independent | Open | Done |
| SDO-146 | Move section on HelperContext earlier in chapter 4 | Open | Done |
| SDO-144 | Clarification on relationship between a Type's characteristics and those of its Base type | Open | Medium |
| SDO-142 | Is the List returned by DataObject.getInstanceProperties() live? | Open | Medium |
| SDO-140 | Handling of the "xsd" and "models" properties of DataGraphType needs to be special-cased | Open | |
| SDO-134 | Integrating SDO and standard representations | Open | Defer |
| SDO-132 | API for accessing attribute properties in a sequenced type | New | Defer |
| SDO-131 | Setting xsi:nil on complex types that do not extend simple types | Open | Defer |
| SDO-130 | New DataObject method: cast() | New | Defer |
| SDO-126 | Define the concept Containment | Open | Done? |
| SDO-123 | Relax Containment Requirements | Open | Done? |

| | | | |
|-------------------------|--|------|--------|
| SDO-121 | Adding Convenience Methods based on DataHelper.project() | Open | |
| SDO-120 | Define the "undefined state" after projection | Open | High |
| SDO-119 | Extend/ Clarify the definition of Type Compatibility | Open | |
| SDO-117 | References to SDO builtin type BigInteger/BigDecimal were not all renamed to Integer/Decimal | New | |
| SDO-115 | Spec doesn't specify behaviour of createDataObject(propertyName) where the property does not exist | New | Medium |
| SDO-114 | Clarify behavior when storing Type / Property as a value in a DataObject | New | Medium |
| SDO-113 | C++ spec inconsistencies with delete() / clear() method on DataObject | New | |
| SDO-112 | Update definition of int*_t types in spec to match headers | New | |
| SDO-111 | Type::Types enum is missing values for "Object" and "Strings" types | New | |
| SDO-110 | Clarification of Sequence::setXXX and ordering | New | Medium |
| SDO-109 | size_t should be used instead of unsigned int for 64-bit compatibility | New | |
| SDO-108 | Sequence::remove() incorrect description? | New | High |
| SDO-107 | C++ spec should define HelperContext for consistency with Java spec | New | |
| SDO-106 | Many methods are not const correct | New | |
| SDO-105 | DataObject::getChangeSummary() clarification | New | |
| SDO-104 | SettingList::insert() and append() inconsistent | New | |
| SDO-103 | Inconsistent use of get<T>() and getXXX() in specification | New | |
| SDO-102 | Several methods take DataObjectPtr by value instead of by const reference | New | |
| SDO-101 | ChangedDataObjectList needs to be defined | New | |
| SDO-100 | DataFactory::getOpenContentProperty should return PropertyPtr, not Property& | Open | |
| SDO-99 | Error in allocating SDO Type for elements with nillable=true | New | Medium |
| SDO-98 | Java Serialization should use XMLPath but this is not reflected in the spec | New | High |
| SDO-97 | Spec should specify what happens for type hierachy exceptions | New | Defer |

| | | | |
|------------------------|---|------|---------------------------------|
| SDO-96 | Deprecate static INSTANCE variables & improve bootstrapping to allow for coresident implementations | Open | Done |
| SDO-92 | SDODate limitations | New | |
| SDO-91 | Publish an executable JAR containing the SDO API classes, instead of just a source ZIP | New | |
| SDO-89 | C++ spec / function overloads on integer types | New | |
| SDO-88 | Property::getOpposite should return PropertyPtr rather than Property* | New | |
| SDO-87 | Add RefCountingPointer::operator void*() method | New | |
| SDO-86 | Minor errors in tables on pages 165-179 of C++ specification | New | |
| SDO-85 | Section 9.10 needs rules for handling elements and attributes with the same name | New | |
| SDO-84 | Review use of const references in C++ API | Open | |
| SDO-80 | C++ specification does not list complete API | Open | |
| SDO-78 | Resolve differences in DataFactory/TypeHelper between C++ and Java | New | |
| SDO-76 | Add XSDHelper::define(File) | New | This could be covered by SDO-54 |
| SDO-75 | Improved SDO/XSD Fidelity | New | |
| SDO-74 | Inconsistency between Java and C++ regarding Sequence getListIndex / getList | New | |
| SDO-72 | Section 7.4 references getDeclaredProperties instead of getProperties | New | |
| SDO-69 | Create a standard Type to represent open sequenced DataObjects | Open | |
| SDO-68 | Support for Large Binary Data | Open | |
| SDO-65 | SubstitutionGroup support in SDO 3 | Open | |
| SDO-64 | SDO needs to enable users to set runtime options | Open | |
| SDO-63 | Date conversions confusing | New | Medium |
| SDO-62 | DataObject containment cycles | New | Medium |
| SDO-60 | Reconcile differences between specification and header files | New | |
| SDO-59 | Are references to EMOF appropriate in the C++ spec? | New | Medium |
| SDO-57 | SDO Abstract Types / TypeEnum incorrect for Decimal/Integer SDO types | Open | |

| | | | |
|------------------------|--|------|-----------------------------|
| SDO-55 | XSDHelper - Create an EntityResolver like concept for resolving imported/included schemas | Open | Medium |
| SDO-54 | Load XSD from Source (javax.xml.transform) | Open | High |
| SDO-53 | Broaden support for instanceClass to include classes without String constructors | New | Medium |
| SDO-52 | Should SDO specify what to do with CDATA sections when de-serialising XML | Open | Medium |
| SDO-51 | Introduce an SDOObject class to the C++ specification | Open | |
| SDO-50 | Specification does not explain behavior of createDataObject methods that have Type argument | Open | Done |
| SDO-48 | C++ specification does not define mapping for SDO types Decimal, Integer, Object | Open | |
| SDO-47 | Problems maintaining multiple specification documents | Open | |
| SDO-46 | Needs to support serialization and deserialization of SDO URI type property that references a DataObject in a different tree | Open | |
| SDO-45 | Needs different SDO types to map to XSD base64Binary and hexBinary | Open | |
| SDO-44 | Change Summary: Clarify the semantics of move, possible optimizations for sequenced DataObjects | Open | Done |
| SDO-43 | Add ChangeSummary.clearLog() method | Open | Defer |
| SDO-42 | C++ does not have overloaded createDataObject as per Java | Open | |
| SDO-41 | Allow users to specify attributeFormDefault and elementFormDefault for a generated XML schema | Open | Defer |
| SDO-40 | Expose appinfo as DOM node | Open | Defer |
| SDO-39 | Clarifications for the SDO XPath Grammar | Open | |
| SDO-38 | Clarification on EqualityHelper and property order | Open | High (if not already fixed) |
| SDO-37 | XML roundtripping | Open | Defer |
| SDO-36 | Contradiction in section 9.2? | Open | High |
| SDO-35 | Clarification: Are the SDO namespaces (commonj.sdo, commonj.sdo/XML, commonj.sdo/Java) reserved? | New | High |
| SDO-34 | Clarification: Specify whether or not XMLHelper does schema validation | New | Defer |

| | | | |
|------------------------|--|------|--|
| SDO-33 | Change summary does not track move | Open | Done |
| SDO-32 | Add Standard exceptions for SDO APIs | Open | Medium |
| SDO-31 | Identify assertions in the specification and create a compliance points list | Open | Done |
| SDO-30 | Ability to disable change tracking for certain nodes in the data object tree | Open | Defer/Close |
| SDO-28 | Clarification: name mangling algorithm should be specified | Open | |
| SDO-27 | Use generics when defining Java API | Open | Done |
| SDO-21 | Ability to turn logging on/off without clearing | Open | Defer/Close |
| SDO-18 | Need better Java date-time handling | Open | Medium |
| SDO-16 | What is the java.io.Serialization wire format of DataGraphs? | Open | Defer/Close |
| SDO-14 | Service Modification of Read Only Properties (Service-level Programming Interface) | Open | Defer/Close |
| SDO-9 | Two inconsistent path languages? | Open | Defer |
| SDO-8 | Detecting explicit sets | Open | Done - Related to Nillable properites |
| SDO-6 | Reference properties and JAXB 2.0 | Open | Close - Handled better by "orphan" concept. |
| SDO-3 | Relationship of Type and Property to HelperContext | Open | Done - Type has a getHelperContext() method. |