

CONTENT ASSEMBLY MECHANISM (CAM) TC

February/March, 2007

Comments received to the cam-comment list and during OASIS member 60 days review with outcomes / resolutions.

| Comment | Resolution |
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| <p>http://lists.oasis-open.org/archives/cam-comment/200701/msg00001.html</p> <p>There is a need to have a mechanism to choose the Assembly Structure that should be used as the basis for validation based on information held with the message being validated. Currently this can only be done by passing in a parameter. The proposal is to introduce an xpath attribute onto the Structure element that would uniquely identify the relevant structure that should be used to validate the message. This would be overridden by the structure name being passed in from outside the template.</p> <p>The XML below shows how this might work. The xpath effectively equate to true if the XML conforms to the relevant structure.</p> <p>...</p> <pre> <as:AssemblyStructure> <as:Structure ID="ex" taxonomy="XML" xpath="/ex:example"> <=== Xpath here <ex:example> <ex:test name="Fred"> <ex:inside>value</ex:inside> <ex:inside2> <ex:child>must exist</ex:child> </ex:inside2> </ex:test> </ex:example> </as:Structure> <as:Structure ID="new" taxonomy="XML" xpath="/new:example"> <=== Xpath here <new:example> <new:test name="%Fred%"> <new:inside>%value%</new:inside> <new:inside2> <new:child>%must exist%</new:child> </new:inside2> </new:test> </new:example> </as:Structure> </as:AssemblyStructure> </pre> <p>...</p> <p>Posted by: Martin Roberts</p> | <p>Accepted as is.</p> <p>New item added to specification.</p> |

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| <p>http://lists.oasis-open.org/archives/cam-comment/200701/msg00000.html</p> <p>This comment is a result of feedback by the team members producing the freeb-UBL CAM template samples (http://www.freebxml.org).</p> <p>The include mechanism text needs to also make mention of the attribute - ignoreRoot="yes" - that has been implemented to work with including re-usable fragments of an XML structure.</p> <p>This allows fragments of XML to be included that are not well formed. To do this they require an external wrapper temporary root element placeholder that will be ignored when the include is performed - but is needed to ensure the fragment itself is well-formed as a standalone piece of XML.</p> <p>e.g. :</p> <pre><tempRoot> <not_well_formed_by_itself/> <tag1_include/> <tag2_include/> <well_formed> <tag3_include/> <well_formed> </tempRoot></pre> <p>So tempRoot will be ignored.</p> <p>The suggestion is that this note can simply be augmented to the existing include mechanism description in the specification.</p> <p>Posted by: David Webber</p> | <p>Accepted as is.</p> <p>The specification section on includes updated to reflect this clarification.</p> |
| <p>http://lists.oasis-open.org/archives/cam-comment/200702/msg00000.html</p> <p>In some recent testing there appears to be a need for two extra functions.</p> <p>These are</p> <ol style="list-style-type: none"> 1: setDefault(value) which sets the default value for a node to the value given. This will allow defaults to be applied outside of restrictValues command. This also means that the lookup extension command does not have to be extended to three parameters to cope with defaults. 2: setNumberRange(start,end) This would allow the specification of a number being between two values inclusively. So 0-10 would include 0 and 10. <p>It might be sensible for version 2.0 to include setDateRange but this is not currently sensible with the xpath 1.0 functions.</p> <p>Posted by: Martin Roberts</p> | <p>Accepted as is.</p> <p>The specification section on CAM functions updated to include these two new ones.</p> <p>Note made of potential for using XPath v2 functions at point in the future.</p> |

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| <p>http://lists.oasis-open.org/archives/cam-comment/200703/msg00000.html</p> <p>This comment is a result of testing by BT on their sample transactions.</p> <p>Add new function allowNull()</p> <p>This is to enable a similar functionality to the “nillable” function in xsd, however the user would not have to supply the xsi:nil="true" attribute.</p> <p>This would mean that attributes could be empty i.e. no whitespace or any characters between "".</p> <p>For elements either the empty <empty/> format or the <empty></empty> format would be acceptable.</p> <p>Posted by: Martin Roberts</p> | <p>Accepted as is.</p> <p>The specification section on CAM functions updated to include this new one.</p> |

Posted for review confirmation by CAM TC members: -
<http://lists.oasis-open.org/archives/cam/200702/msg00000.html>

and review copy on Kavi:
http://www.oasis-open.org/committees/download.php/22487/OASIS-CAM-Specifications-1_1-RC-012-021507.pdf

Posted with new OASIS document template on Kavi and for CAM TC member OASIS ballot:
http://www.oasis-open.org/committees/download.php/22740/OASIS-CAM-Specifications-1_1-RC-013-030507.pdf