

EML - Bug #483

eml-entity changes needed

05/01/2002 04:36 PM - Matt Jones

Status:	Resolved	Start date:	05/01/2002
Priority:	Immediate	Due date:	
Assignee:	Chad Berkley	% Done:	0%
Category:	eml - general bugs	Estimated time:	0.00 hour
Target version:	Beta9	Spent time:	0.00 hour
Bugzilla-Id:	483		
Description			
Changes as decided upon at the Sevilleta EML meeting, April 24-25, 2002: Responsible: Chad, Peter			
0) name all entity types using camel caps (e.g., dataTable) 1) otherEntity stays in eml-entity module, others separate modules 2) entity types are: otherEntity, dataTable, tableView, StoredProcedure, spatialImage, spatialGrid, spatialVector 3) expand names to use long names for all elements, including spatial types 4) add "spatialReference" module -- not sure how this will be tied to the other spatial types 5) move "spatialRepresentationType" to the spatialRepresentation ComplexType 6) Possibly put connection info into the entity description, although I think we decided against this by the end (putting it in resource instead)			
Peter's notes include a mention of "change logs" which I don't understand. Peter?			

History

#1 - 05/06/2002 11:09 AM - Chad Berkley

Fixed the following sub parts of this bug: 0, 1, 3, 5

Notes on the others:

- 2) Added new modules for dataTable, spatialImage, spatialGrid, spatialVector
Left otherEntity and the shared spatial complex types in eml-entity.xsd
tableView and storedProcedure have NOT been created yet because I do not have a model for them. Peter: please provide.
- 4) I'm not sure what goes in the spatialReference module. It has not been created. Peter: please clarify.
- 6) I did not do anything with this because I think we decided in the meeting to leave connection information elsewhere. If this is not the case, it can be added later.

Other Notes: The documentation for all of the spatial entity types needs to be updated. Peter, I think you are the best one to do this since you have the best understanding of the models and the information represented therein.

Each of the new modules has it's own namespace which can be referenced externally for importing types. Each module also has an implemented element of the type defined in the module. That should be the only free-standing element in the module.

I will leave this bug unresolved until the aforementioned problems are addressed.

#2 - 05/07/2002 08:33 AM - Chad Berkley

added eml-view and eml-storedProcedure. I did not add any documentation to these modules. Peter, will you please do this or provide me with a textual description of each element so that I can add the docs. thanks. Item 2 is now done leaving only 4 and 6.

#3 - 05/14/2002 01:43 PM - Peter McCartney

spatialReference is the module that describes a spatial dataset's projection

system (ie, how locations on a round surface are plotted on a flat plane)
I am working on revising and documenting the following modules:

spatialReference - setting short names to long ones, adding eml-doc.
spatialGrid - using chad's draft, adding eml-doc
spatialVector - using chad's draft, adding eml-doc
spatialImage - using chad's draft, adding eml-doc

"change log" referred to the element i had added to maintenance.xsd to provide a history of changes to datavalues made since the release of a dataset. Our conversation in Sevilleta got stalled on the question of whether you can ever change a value in a dataset without forcing you to release it as a new dataset (presumably including a description of the changes in the protocol module). So you may want to consider making a separate bug for this as it is pretty unresolved.

#4 - 06/10/2002 11:15 PM - Chris Jones

Some comments:

the organization of eml-entity is confusing. Because it is largely used in other modules, it desperately needs documentation to guide the user in understanding where to use the simpleTypes, elements, etc. for instance, coverage, physical, and protocol are all included in otherEntityType, but there's no explanation as to why they were put in there. We understand that they may apply, but it need to be explicit. Please add the docs when you add elements.

coverage, physical, and protocol should be optional.

Why is LengthUnitCode in eml-entity? Not sure if this is just a pasted block that needs clarification or removal...however, I may have missed it's point, too.

#5 - 06/13/2002 06:42 PM - Matt Jones

Changes completed and checked in to CVS.

#6 - 06/13/2002 06:51 PM - Matt Jones

FIXED.

#7 - 03/27/2013 02:14 PM - Redmine Admin

Original Bugzilla ID was 483