

EML - Bug #477

referencing complex types is not done consistently

04/20/2002 10:24 AM - Matt Jones

Status:	Resolved	Start date:	04/20/2002
Priority:	Immediate	Due date:	
Assignee:	Matt Jones	% Done:	0%
Category:	eml - general bugs	Estimated time:	0.00 hour
Target version:	EML2.0.0rc1	Spent time:	0.00 hour
Bugzilla-Id:	477		
Description <p>In all modules we import other schemas and use components. Sometimes we define elements that use a ComplexType, other times we import and use an element that uses the complex type. We need to go through the modules systematically and make sure that all inter-namespace references are done in the same way. This most often involves the ways we use ResponsibleParty, the various coverage types, and citations, but there are several others too. Check them all and fix systematically.</p>			

History

#1 - 05/09/2002 04:01 PM - Matt Jones

Proposed fix: make a complex type that contains all of the relevant fields in the schema that is to be imported, then create an element in the current schem that uses that type. For example, eml-party contains a "ResponsibleParty" type, which is used to type and element named "creator" that is part of eml-resource. Similarly, there should be a "Coverage" complex type in eml-coverage, and we will reference it in an element called "coverage" in eml-resource.

Please be sure that all modules import things using this consistent syntax.

Need to consider this in relation to the use of identifiers and references/triples/links/pointers.

#2 - 05/17/2002 09:22 AM - Peter McCartney

There are problems with some software packages (castor for example) that arise from elements and complex types having the same name (even if distinguished by capitalization. So we should further distinguish through consisten suffixes. Currently we seem to be use Base as a suffix for major complex types that define an entire module and are extended such as resource or entity, and Type for both simpletypes and minor complex types that are used without extension. In a few instances, this has let to some odd names like GeometryTypeType, but they never show up in the instance file anyway.

We should formalize this so we are consistent.

#3 - 06/13/2002 07:00 PM - Matt Jones

Checked throughout and changed. Now local elements are created that use a type from the imported module. Done throughout EML, but need to check that it is done correctly in eml-literature and the spatial modules. Moving milestone.

#4 - 09/12/2002 01:49 PM - Matt Jones

Looking over the schemas, all of these seem to have been fixed now. Marking as FIXED.

#5 - 03/27/2013 02:14 PM - Redmine Admin

Original Bugzilla ID was 477