

EML - Bug #429

add additional entity types to EML

02/14/2002 06:08 PM - Matt Jones

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|------------------------|--------------------|------------------------|------------|
| Status: | Resolved | Start date: | 02/14/2002 |
| Priority: | Normal | Due date: | |
| Assignee: | Peter McCartney | % Done: | 0% |
| Category: | eml - general bugs | Estimated time: | 0.00 hour |
| Target version: | Beta7 | Spent time: | 0.00 hour |
| Bugzilla-Id: | 429 | | |

Description

The current eml-entity module describes two types of entities: table-entities and other-entities. Ultimately I think we need to be able to describe several other specific types of entities, particularly spatial images and various GIS objects.

General image support may also be useful (e.g., for jpg, gif, etc) so that photo quadrats and other types of images used as data and metadata can easily be included. We may be able to easily accomodate many of these generic entity types but utilizing a MIME-type label (e.g., image/gif) in the entityType field, although there may also be need for additional metadata for these entity types.

History

#1 - 02/22/2002 11:11 AM - Peter McCartney

I think we should consider whether photos should an entity type under dataset or bumped up to the level of resource. The way we handle them at CES (which is still in development) is as a resource equivalent to Literature or dataset. We then key them to projects or datasets. You could still link as part of a dataset the same way we link literature now.

I'm meeting with a student to go over our planned photo catalog next week, so maybe we can experiment with drafting an EMLphoto module similar to EML literature.

#2 - 05/20/2002 03:02 PM - Peter McCartney

Here is an updates spatial reference. shortnames changed to long, eml-documentation added (tooltip, summary, and source). moduleDocumentation not yet added.

#3 - 05/22/2002 10:57 AM - Peter McCartney

Ok im working on two files - spatialVector and spatialRaster (the latter will merge grid and image since both esri and the iso 19115.3 seem be viewing images as raster data with additional image and band descriptors). i have a couple questions for Chad:

you created a dataQuality complex type in eml-entity which is used for both horizontalAccuracy and verticalAccuracy. you added attributeAccuracy in eml-attribute but implented the content model locally rather than importing the complex type. Should we be consistent on this - ie should i just implement the accuracy elements locally in each of the spatial models or should we leave the complex type in eml-entity and change attribute.xsd so that in imports the same structure?

If we drop the complex type from eml-entity, then should we also drop the spatialRepresentation complex type since the only thing it brings in is spatialRepresentationType (which is really redundant with the module names)

#4 - 06/13/2002 07:07 PM - Matt Jones

DONE. Added types for spatialRaster, spatialVector, view, and storedProcedure.

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

Original Bugzilla ID was 429

Files

| | | | |
|----------------------|---------|------------|-----------------|
| spatialReference.xsd | 90.8 KB | 05/20/2002 | Peter McCartney |
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