

## EML - Bug #2079

### Move project element to top-level

05/12/2005 04:27 PM - Shaun Walbridge

<b>Status:</b>	In Progress	<b>Start date:</b>	05/12/2005
<b>Priority:</b>	Immediate	<b>Due date:</b>	
<b>Assignee:</b>	Matt Jones	<b>% Done:</b>	0%
<b>Category:</b>	eml - general bugs	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Postpone	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	2079		

#### Description

This is a request to move the <project> element to the root-level of the EML schema. Currently, the <project> element (type="proj:ResearchProjectType") is embedded within the <dataset> element.

The NCEAS Ecosystem-Based Management (EBM) program is creating a registry of EBM projects. Projects in the EBM program relate a project to the products generated, which include citations, URI references, and datasets. No products are required to have a valid project (since projects may be in early stages of development or lack publications). Ideally, this could be stored in EML as one main EML document for the project, citations, URIs, and then additional EML documents for each dataset.

#### History

##### #1 - 08/24/2005 02:22 PM - Matt Jones

This should be considered along with other changes to the top level eml root element. I think it is a good idea and has been requested by a number of different EML users from LTER and elsewhere.

##### #2 - 08/24/2005 02:51 PM - Peter McCartney

I don't object as I think this would be a backward-compatible change. However, I think it's a patch to what is really desired - to be able to manage and exchange metadata in more atomic units than whole eml documents. I can easily foresee similar requests to treat spatial reference, party, attributes, etc as "root" elements (they aren't really root, are they?). I think we need to begin some longer term thinking about eliminating the <eml> tag itself which would let content for each xsd file in eml potentially be a root element.

If we continued to support the eml tag but just agreed it was ok to make xml documents that validate only to eml-project or eml-party, I think even that is technically still backwards compatible.

##### #3 - 10/01/2008 12:17 PM - Margaret O'Brien

This bug is related to the discussions of what the root element "eml" describes, and whether resources can be collections in addition to individual documents. A solution may involve changes to other modules. See bugs [#2076](#), [#1128](#), [#3503](#)

One other note:

If project.xsd were to move to a top-level module, then it would make use of the resourceGroup. The change would affect all existing EML documents because the structure for including party in project.xsd is with the <personnel> element, an extension of the PartyType (with the added child, <role>): eml/dataset/project/personnel

In a resourceGroup, <personnel> is not available. The only element that has a <role> child is <associatedParty> so project/personnel trees embedded in (e.g.) datasets, will need to be transformed to eml/dataset/project/associatedParty

##### #4 - 03/27/2013 02:19 PM - Redmine Admin

Original Bugzilla ID was 2079