

SEEK - Bug #1039

create and revise schema docs for ecogrid messages

04/15/2003 09:28 AM - Matt Jones

Status:	Resolved	Start date:	04/15/2003
Priority:	Normal	Due date:	
Assignee:	Matt Jones	% Done:	0%
Category:	ecogrid	Estimated time:	0.00 hour
Target version:	ecogrid-1.0.0beta1	Spent time:	0.00 hour
Bugzilla-Id:	1039		
Description			
Schema document for query, read, RSIDS, structure, with definitions and examples. This is a formalization of the schemas we developed at the Seattle EcoGrid meeting, meant to be captured and documented.			
Target deadline: April 18			

History

#1 - 05/01/2003 10:48 AM - Matt Jones

Query document schema is largely complete and is in CVS (needs docuemntation and the operator list enumeration).

Need to continue work on message structure for the result set (RSIDS).

#2 - 05/02/2003 04:12 PM - Matt Jones

Added a resultset schema document (resultset.xsd) to CVS. It is an initial pass at a structure for a result set. Still needs work, as does the query.xsd, but both are a good basis for discussion at the meeting next week in San Diego.

#3 - 05/16/2003 11:18 AM - Matt Jones

Modify both query.xsd and resultset.xsd to accomodate the changes we discussed at the meeting. This may incorporate XQuery.

Who: Matt
Target: May 26

#4 - 07/07/2003 05:05 PM - Jing Tao

To my understanding, resultset.xsd is for RISD type in queryInterface.wsdl. If it has query itself (filter) in resultset schema, it will be very easy for PortType decodeRISD. Because RISD already has the query part.

By the way, resultset has an element name "sendTime" and in queryInterface3.wsdl, RISD type has an element named "timeStamp". Are they redundant?

#5 - 09/26/2003 01:39 PM - Matt Jones

At the Seattle (Sept 2003) EcoGrid meeting we decided:

Revise query.xsd:
-- add repeatable returnfield element for specifying structure of return records

Revise resultset.xsd:
-- add system, namespace, modificationDate, and creationDate to each record
-- identifiers for a record are considered relative URIs, with a base value of the "system" attribute for that metadata, where the system should contain the GSH for an ecogrid enabled server:
so, for example, system="ecogrid://ecogrid.nceas.ucsb.edu"
identifier="/knb.1.1"
-- modify the record internal structure by creating a composite document that contains all of the values specified in returnfield elements with their parent elements. If the path does not reference a leaf node

text element, then all of the children of that node are returned.
For example, if the query had:
returnfield="/eml/dataset/title" and returnfield="/eml/dataset/creator"
The record would look like:

```
&lt;record ...&gt;
  &lt;eml&gt;
    &lt;dataset&gt;
      &lt;title&gt;Some random title&lt;/title&gt;
      &lt;creator&gt;
        &lt;individualName&gt;
          &lt;givenName&gt;Matthew&lt;/givenName&gt;
          &lt;surName&gt;Jones&lt;/surName&gt;
        &lt;/individualName&gt;
      &lt;/creator&gt;
    &lt;/dataset&gt;
  &lt;/eml&gt;
```

#6 - 11/29/2005 11:04 AM - Matt Jones

Initial implementation based on globus finished. Closing these bugs as we move to a new implementation based on axis.

#7 - 03/27/2013 02:16 PM - Redmine Admin

Original Bugzilla ID was 1039