

SEEK - Bug #2650

ecogrid returnfields need to support more xpath

11/08/2006 10:26 AM - Chad Berkley

<b>Status:</b>	New	<b>Start date:</b>	11/08/2006
<b>Priority:</b>	Immediate	<b>Due date:</b>	
<b>Assignee:</b>	Matt Jones	<b>% Done:</b>	0%
<b>Category:</b>	ecogrid	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Unspecified	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	2650		
<b>Description</b> When you are dealing with documents that store a lot of information in xml attributes instead of CDATA nodes, it is imperative that xpath attribute queries work correctly. AFAICT, they don't work at all with the ecogrid returnfields. For instance, the element:  <property name="semanticType000" class="org.kepler.sms.SemanticType" value="urn:lsid:localhost:onto:1:1#Variable"> </property>  The only meaniful way to get one of the attributes values based on another is via an attribute query like:  //property[@name='semanticType000']/@value  which should return the value attribute of any property node with a name attribute equal to 'semanticType000'.  <b>Related issues:</b> Is duplicate of Metacat - Bug #2380: returnfield system needs to implement mo... <b>Resolved</b> 03/09/2006 Blocks SEEK - Bug #2649: Ecogrid returnfields don't return enough information <b>New</b> 11/08/2006			

History

#1 - 11/11/2006 09:57 AM - Chad Berkley

- Bug 2380 has been marked as a duplicate of this bug. \*\*\*

#2 - 11/11/2006 10:03 AM - Chad Berkley

this turns out to be a bigger issue than i thought. in face, i think it's a blocker for getting the remote actor search working in kepler. I had thought that, at least, the ecogrid would always return the returnfields in the same order which was allowing me to hack this by doing two returnfield queries then parsing the results (which were in effect name/value pairs). In fact, when i tried this on my laptop, the results were all hosed because the ecogrid returned the returnfields in totally different order than on my desktop. This has to be fixed soon.

Here's an example of the returnfields on my desktop with the query <returnfield>//property/@name</returnfield>  
<returnfield>//property/@value</returnfield>

returnfield: f1:karld  
returnfield: f0:urn:lsid:kepler-project.org:kar:3:1  
returnfield: f1:semanticType111  
returnfield: f0:urn:lsid:localhost:onto:1:1#TextualOutputActor

Note the values intuitively alternate. This makes sense to me. However, this is what I get when I do the same query on my laptop:

returnfield: f1:karld  
returnfield: f1:semanticType111  
returnfield: f0:urn:lsid:kepler-project.org:kar:3:1  
returnfield: f0:urn:lsid:localhost:onto:1:1#TextualOutputActor

this is totally unparseable.

#3 - 11/11/2006 10:04 AM - Chad Berkley

adding a link to bug 2649

#4 - 03/27/2013 02:20 PM - Redmine Admin

Original Bugzilla ID was 2650