

## Metacat - Bug #2380

### returnfield system needs to implement more xpath

03/09/2006 02:39 PM - Chad Berkley

<b>Status:</b>	Resolved	<b>Start date:</b>	03/09/2006
<b>Priority:</b>	Immediate	<b>Due date:</b>	
<b>Assignee:</b>	Saurabh Garg	<b>% Done:</b>	0%
<b>Category:</b>	metacat	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Unspecified	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	2380		
<b>Description</b>			
<p>The XPath system used when processing the returnfield params is inadequate when you want to process data out of a document that contains a lot of xml attributes. For instance, if you have an entity like this:</p> <pre>&lt;sometag name="x" value="y"/&gt;</pre> <p>It is impossible to pull the 'value' attribute from the xml based on the 'name' attribute. The correct xpath query for pulling the value 'y' from this is /sometag[@name=x]/@value. This syntax is not supported by the returnfield processor, but it should be.</p>			
<b>Related issues:</b>			
Has duplicate SEEK - Bug #2650: ecogrid returnfields need to support more xpath		<b>New</b>	<b>11/08/2006</b>

### History

#### #1 - 09/27/2006 06:16 AM - Saurabh Garg

If I understand the bug correctly, then this functionality is already present in src/edu/ucsb/nceas/metacat/QuerySpecification.java. So what needs to be investigated first is that if the functionality is not working. Here is a test query which worked fine for me

```
<pathquery version="1.0">
  <querytitle>unspecified</querytitle>
  <returnfield>@docid</returnfield>
  <returndoctype>eml://ecoinformatics.org/eml-2.0.1</returndoctype>
  <returndoctype>eml://ecoinformatics.org/eml-2.0.0</returndoctype>
  <querygroup operator="UNION">
    <queryterm casesensitive="false" searchmode="contains">
      <value>gce</value>
    </queryterm>
  </querygroup>
</pathquery>
```

#### #2 - 11/11/2006 09:57 AM - Chad Berkley

this is a duplicate of another ecogrid bug. the query statement in sid's comment does not do what the query statement in my original posting does. i.e. @docid is not the same as /x[@docid='x']/@value. I need to be able to be able to pull one attribute based on the value of another in the same element.

- This bug has been marked as a duplicate of 2650 \*\*\*

#### #3 - 03/27/2013 02:20 PM - Redmine Admin

Original Bugzilla ID was 2380