

Metacat - Bug #2769

XPath Returnfields

02/12/2007 02:22 PM - David Sledge

Status:	Resolved	Start date:	02/12/2007
Priority:	Normal	Due date:	
Assignee:	Jing Tao	% Done:	0%
Category:	metacat	Estimated time:	0.00 hour
Target version:	2.x.y	Spent time:	0.00 hour
Bugzilla-Id:	2769		

Description

Metacat can't handle angle brackets in XPath parameters, if go to the following URL (which leads to the Kepler Repository):

<http://library.kepler-project.org/kepler/metacat?action=query&operator=INTERSECT&anyfield=%25&qformat=&enableediting=false&returndoctype=entity&returndoctype=kepler://kepler-project.org/kepler-moml-1.0.0&returnfield=entity/@name>

It works fine. (The response of this URL is XML, but you need to "View Page Source" to see it.) But if I try to retrieve the karID by appending:

&returnfield=entity/property[@name=karID]/@value

to the end of the URL, this return field gets ignored.

History

#1 - 02/27/2007 10:06 AM - Matt Jones

We don't fully support XPath syntax. Maybe we need this feature as well, but its lower priority than other bugs and features.

#2 - 04/27/2007 09:53 AM - David Sledge

XPath syntax has been extended to allow predicates with the following limitations:

- if using a comparison, xpath expression must come before the equal sign and a string literal after (the predicate may contain an xpath expression by itself)
- '=' is the only comparison supported.
- no function calls in predicates
- supports multiple predicates, but not nested predicates

If any more enhancements are needed so that metacat comes closer to supporting the full XPath syntax, switching to an XQuery database should be considered.

#3 - 03/27/2013 02:21 PM - Redmine Admin

Original Bugzilla ID was 2769