

Metacat - Bug #2222

Bug in squery when using not-contains

10/05/2005 01:40 PM - Saurabh Garg

Status:	Resolved	Start date:	10/05/2005
Priority:	Normal	Due date:	
Assignee:	Saurabh Garg	% Done:	0%
Category:	metacat	Estimated time:	0.00 hour
Target version:	1.6	Spent time:	0.00 hour
Bugzilla-Id:	2222		

Description

For the following squery:

```
<pathquery version="1.2">
<querytitle>Moderator-Search</querytitle>
<returndoctype>eml://ecoinformatics.org/eml-2.0.1</returndoctype>
<returndoctype>eml://ecoinformatics.org/eml-2.0.0</returndoctype>
<returndoctype>--/ecoinformatics.org//eml-dataset-2.0.0beta6//EN</returndoctype>
<returndoctype>--/ecoinformatics.org//eml-dataset-2.0.0beta4//EN</returndoctype>
<returndoctype>--/NCEAS//resource//EN</returndoctype>
<returndoctype>--/NCEAS//eml-dataset//EN</returndoctype>
<returnfield>originator/individualName/surName</returnfield>
<returnfield>originator/individualName/givenName</returnfield>
<returnfield>creator/individualName/surName</returnfield>
<returnfield>creator/individualName/givenName</returnfield>
<returnfield>originator/organizationName</returnfield>
<returnfield>creator/organizationName</returnfield>
<returnfield>dataset/title</returnfield>
<returnfield>keyword</returnfield>
<querygroup operator="INTERSECT">
<queryterm searchmode="not-contains"
casesensitive="false"><value>public</value><pathexpr>dataset/access/allow/princi
pal</pathexpr></queryterm>
</querygroup></pathquery>
```

The key part here is:

```
<queryterm searchmode="not-contains"
casesensitive="false"><value>public</value><pathexpr>dataset/access/allow/princi
pal</pathexpr></queryterm>
```

i.e. dataset/access/allow/principal should not have 'public' value.

This request is resulting in the following query:

```
SELECT docid,docname,doctype,date_created, date_updated, rev FROM
xml_documents WHERE docid IN ((SELECT DISTINCT docid FROM xml_path_index
WHERE UPPER NOT LIKE '%PUBLIC%' AND path LIKE
'dataset/access/allow/principal' )) AND (docid IN(SELECT docid FROM
xml_documents WHERE lower(user_owner) ='public') OR (docid IN (SELECT
docid from xml_access WHERE = 'public' AND
perm_type = 'allow' AND (permission='4' OR permission='7'))OR
(lower(principal_name) = 'public' AND perm_type = 'allow' AND
(permission='4' OR permission='7'))) AND subtreeid IS NULL) AND docid
NOT IN (SELECT docid from xml_access WHERE =
'public' AND perm_type = 'deny' AND perm_order ='allowFirst' AND
(permission='4' OR permission='7'))OR (lower(principal_name) = 'public'
AND perm_type = 'deny' AND perm_order ='allowFirst' AND (permission='4'
OR permission='7'))) AND subtreeid IS NULL )))
```

This is not right as it still gives me back documents which have 'public' value in dataset/access/allow/principal. The part which is wrong is:

```
SELECT DISTINCT docid FROM xml_path_index WHERE UPPER NOT LIKE
'%PUBLIC%' AND path LIKE 'dataset/access/allow/principal'
```

The query should be something like this: (maybe a simpler version of this)
SELECT DISTINCT docid from xml_path_index where docid NOT IN (Select
docid FROM xml_path_index WHERE UPPER LIKE '%PUBLIC%' AND path
LIKE 'dataset/access/allow/principal') ;

History

#1 - 12/08/2005 10:13 AM - Saurabh Garg

Fixed. Closing the bug as it seems to be working fine.

#2 - 03/27/2013 02:19 PM - Redmine Admin

Original Bugzilla ID was 2222