

Metacat - Bug #1202

If request sessionid not recognized, Metacat SQL error & 0 records returned

11/04/2003 08:46 PM - Matthew Brooke

Status:	Resolved	Start date:	11/04/2003
Priority:	Normal	Due date:	
Assignee:	Jing Tao	% Done:	0%
Category:	metacat	Estimated time:	0.00 hour
Target version:	1.4	Spent time:	0.00 hour
Bugzilla-Id:	1202		

Description

Problem:

When searching metacat from an HTML form, if the form contains a hidden field name="sessionid", and the value of sessionid is not recognized by metacat, a SQL error is generated in the tomcat log and metacat returns 0 documents.

Proposed correction:

If Metacat gets a sessionid that it doesn't recognize, it should assume the user is not logged in and return all the "public access" documents, instead of returning no documents. This would presumably mean validating the sessionid first, before putting together the SQL query.

(usage note: the above scenario was encountered when using the getSessionId() method of the metacat client API to get the sessionid when the user logs in - browser cookies were not involved. If the user was not logged in, the sessionid hidden field value was the string value "NULL", which led to this behavior)

Sample tomcat log output for a search on the keyword "grass" - note that the initial SQL query (starting on line 5) is well formed - the problem comes later, presumably when the user ID is incorporated into the query? (e.g. "...AND subtreeid IS NULL...")

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MetaCat: Connection pool size: 5
MetaCat: Free Connection number: 5
MetaCat: Line 230: Action is: query
MetaCat: percentage number: 0
MetaCat: query: SELECT docid,docname,doctype,date_created, date_updated, rev FROM
xml_documents WHERE docid IN ((SELECT DISTINCT docid FROM xml_nodes WHERE
UPPER LIKE '%GRASS%' )
)
MetaCat: OwnerQuery: SELECT docid FROM xml_documents WHERE
MetaCat: allow string is: OR (principal_name = 'public' AND perm_type = 'allow' AND
(permission='4' OR permission='7'))
MetaCat: allow query is: SELECT docid from xml_access WHERE( OR (principal_name = 'public' AND
perm_type = 'allow' AND (permission='4' OR permission='7'))) AND subtreeid IS NULL
MetaCat: denyquery is: SELECT docid from xml_access WHERE( OR (principal_name = 'public' AND
perm_type = 'deny' AND perm_order ='allowFirst' AND (permission='4' OR permission='7'))) AND
subtreeid IS NULL
MetaCat: accessquery is: AND (docid IN OR (docid IN
(SELECT docid from xml_access WHERE( OR (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( OR (principal_name = 'public' AND perm_type = 'deny' AND perm_order
='allowFirst' AND (permission='4' OR permission='7'))) AND subtreeid IS NULL )))
MetaCat: final query: SELECT docid,docname,doctype,date_created, date_updated, rev FROM
xml_documents WHERE docid IN ((SELECT DISTINCT docid FROM xml_nodes WHERE
UPPER LIKE '%GRASS%' )
) AND (docid IN OR (docid IN (SELECT docid from
xml_access WHERE( OR (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( OR (principal_name = 'public' AND perm_type = 'deny' AND perm_order ='allowFirst' AND
(permission='4' OR permission='7'))) AND subtreeid IS NULL )))
SQL Error in DBQuery.findDocuments: ERROR: parser: parse error at or near ")" at character 231
MetaCat: Trying style-set file: /Applications/jakarta-tomcat/webapps/knb/knb.xml
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History

#1 - 11/18/2003 05:08 PM - Jing Tao

The reason cause the bug is the username is null in this situation. So in MetaCatServlet class, the code assigning username as "public" was added. According test, the new code works well.

#2 - 03/27/2013 02:16 PM - Redmine Admin

Original Bugzilla ID was 1202