

Metacat - Bug #6847

Fix listObjects() to filter by replicaStatus correctly

09/28/2015 11:29 AM - Chris Jones

Status:	Closed	Start date:	09/28/2015
Priority:	Normal	Due date:	
Assignee:	Jing Tao	% Done:	0%
Category:	metacat	Estimated time:	0.00 hour
Target version:	2.5.0	Spent time:	0.00 hour
Bugzilla-Id:			
Description			
<p>The replicaStatus parameter to list objects, when set to 'false', should exclude objects that are replicas from another DataONE Member Node from the results list. It doesn't seem to do this. For example, on mn-dev-ucsb-2.test.dataone.org, there are currently 2556 ORE maps.</p>			
<pre>metacat=# select count(*) from systemmetadata where object_format = 'http://www.openarchives.org/ore/terms'; count ----- 2556</pre>			
<pre>metacat=# select authoritative_member_node, count(authoritative_member_node) as cnt from systemmetadada where object_format like '%ore/terms%' group by authoritative_member_node; authoritative_member_node cnt -----+----- urn:node:mnDevUCSB2 1720 urn:node:mnDevUCSB1 574 urn:node:mnDevUNM1 247 bogusAuthoritativeNode 10 urn:node:mnDevUNM2 4</pre>			
<p>Only 1720 of them are native to this node, but when listObjects() is called with replicaStatus set to either 'true' or 'false', both return a count of 2556.</p>			

History

#1 - 10/07/2015 01:17 PM - Chris Jones

- Status changed from New to In Progress

After a bit of testing, it looks like this bug is limited to calls where multiple parameters are listed like count, formatId, and replicaStatus together. when replicaStatus is used alone, the filtering works. Need to look into the parameter handling and translation to a SQL query.

#2 - 10/07/2015 01:41 PM - Jing Tao

- Assignee changed from Chris Jones to Jing Tao

#3 - 10/07/2015 03:37 PM - Jing Tao

Hi Chris:

<https://mn-dev-ucsb-2.test.dataone.org/metacat/d1/mn/v2/object?formatId=http://www.openarchives.org/ore/terms&replicaStatus=true&count=3000>

The url gets 2930 items.

However:

<https://mn-dev-ucsb-2.test.dataone.org/metacat/d1/mn/v2/object?formatId=http://www.openarchives.org/ore/terms&replicaStatus=false&count=3000>

this url only gets 1720 items.

So it works. Did I miss anything?

#4 - 10/07/2015 03:39 PM - Jing Tao

The first url gets 2923, not 2930 items.

#5 - 10/19/2015 06:00 PM - Jing Tao

- Status changed from In Progress to Closed