

Morpho - Bug #5800

Search support should degrade gracefully when MN.query is not supported

01/23/2013 07:37 AM - ben leinfelder

Status:	Resolved	Start date:	01/23/2013
Priority:	Normal	Due date:	
Assignee:	ben leinfelder	% Done:	0%
Category:	morpho - general	Estimated time:	0.00 hour
Target version:	2.0.0	Spent time:	0.00 hour
Bugzilla-Id:	5800		
Description			
<p>Morpho currently relies on the new-ish and optional MN.query() method and only understands the "pathquery" engine. Depending on the type (Metacat vs. GMN) and version (pre- vs. post- Metacat 2.0.5) this feature may not be available and the Morpho interface should gracefully indicate that.</p> <p>Using the listQueryEngines() method, we can determine in a single call if "pathquery" queries are supported (http://mule1.dataone.org/ArchitectureDocs-current/apis/MN_APIs.html#MNQuery.listQueryEngines). I would recommend only using this method rather than trying to use the CN.listNodes() method because there is nothing forcing a MN to update their node capabilities on the CN when they add features to their MN deployment. (In fact, I believe Metacat neglected to advertise the additional MNQuery support now included in v2.0.5 -- I'll enter a bug for that).</p> <p>When MN.query(pathquery) is not available, the "search network" checkbox should be disabled. This check should be performed whenever the selected MN is changed in the Morpho preferences.</p> <p>We will continue to support "Open by Id" because that does not rely on the MNQuery interface.</p> <p>This should be tested against: -older Metacat (v2.0.3) -GMN</p>			
Related issues:			
Blocked by Morpho - Bug #5801: Test Morpho against GMN		Resolved	01/23/2013

History

#1 - 01/31/2013 03:29 PM - Jing Tao

The "Open" command is part of search in morpho. We should still support to "open" local data packages in the morpho if MN.query() method doesn't support the pathquery.

#2 - 02/01/2013 03:39 PM - ben leinfelder

now disabling network search when the MN does not support our newer pathquery variant via the MNQuery interface. This also applies to the Open Dialog that issues a network query for docs you 'own' if you are logged in.

#3 - 03/27/2013 02:31 PM - Redmine Admin

Original Bugzilla ID was 5800