

Metacat - Bug #4551

performance enhancement through index reduction

11/13/2009 05:20 PM - Matt Jones

Status:	In Progress	Start date:	11/13/2009
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:	4551		
Description			
<p>PISCO configures their metacat server to index only absolute paths in their metadata documents (rather than relative paths), which decreases the size of their index tables by about 3/4 and results in significant query speed improvements.</p> <p>This requires also refactoring clients (skins, Morpho, Kepler, ...) to only pose queries with absolute paths, as the queries would otherwise not take advantage of the index.</p> <p>Investigate whether there are advantages to this approach for the KNB metacat installations -- I suspect it would, as the xml_index table would decrease in size massively. This may be important as we work on building the size of our collection through DataONE.</p>			
Related issues:			
Blocks Metacat - Bug #4405: PISCO, KNB and LTER have different query result f...		Resolved	09/21/2009

History

#1 - 11/18/2009 12:28 PM - Michael Daigle

Also will look at having the ability to keep relative searches by searching on absolute paths.

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

Original Bugzilla ID was 4551