

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

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.

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.

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.

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