Metacat - Bug #2553

squery needs to handle spatial query

09/11/2006 03:26 PM - Matthew Perry

Status:	New		**Start date:**	09/11/2006
Priority:	Normal		**Due date:**	
Assignee:	Michael Daigle		**% Done:**	0%
Category:	metacat		**Estimated time:**	0.00 hour
Target version:	Unspecified		**Spent time:**	0.00 hour
Bugzilla-Id:	2553			

Description

The current metacat spatial query is based on simple comparison of the four bounding values which is slow and potentially inaccurate. see (bug 2552)

The squuery code should be able to recognize when a spatial query is being performed and pass that off to the SpatialQuery class (again bug 2552). Might want to review DocumentIdQuery for code to convert the vector of docids into a valid squery.

Ideally, we could update the squery dtd to include special tags for spatial queries, possibly following the OGC Filter specification.

History

#1 - 09/13/2006 05:07 PM - Matthew Perry

Oops that should be assigned to me. Sorry sid :-p

The performance issue discussed in the comments of bug 2552 should be considered in this context as well.

#2 - 03/27/2013 02:20 PM - Redmine Admin

Original Bugzilla ID was 2553