

Metacat - Bug #2183

use metacat events to trigger spatial element creation

09/06/2005 09:53 AM - John Harris

Status:	Resolved	Start date:	09/06/2005
Priority:	Normal	Due date:	
Assignee:	Matthew Perry	% Done:	0%
Category:	metacat	Estimated time:	0.00 hour
Target version:	1.7	Spent time:	0.00 hour
Bugzilla-Id:	2183		
Description Currently, the creation of spatial elements used within the Metacat spatial viewer is done through a call to an external harvester via a cron job. This needs to change to a workflow that includes the creation of spatial elements during metacat (insertion, update, deletion) transactions. Moreover, these elements need to be more tightly coupled with Metacat (eg, Metacat needs to have knowledge of the various elements stored and how these elements correspond to data and metadata within Metacat).			

History

#1 - 07/24/2006 03:00 PM - Matthew Perry

Currently the metacat spatial harvester is triggered on servlet restart.

Doing it on every insert, update and delete could be very CPU intensive and might not scale very well.

As a alternate medium ground, we might want to consider a password-protected admin interface (bug 2190) where the site admin could manually trigger the harvester or set a regular interval at which the harvester was triggered.

See also bug 2499 - rewriting the harvester with java components.

#2 - 07/31/2006 03:26 PM - Matthew Perry

Based on a discussion w/ Sid this morning, we determined that we'll need to tie the spatial harvesting trigger to the indexing mechanism. Because the most efficient way to query the spatial info comes from the xml_path_index table, we have to make sure indexing has completed before we trigger the spatial harvester to update that docid.

#3 - 09/11/2006 02:42 PM - Matthew Perry

Fixed. See bug 2499. Spatial harvesting refactored to provide this functionality

#4 - 09/11/2006 02:43 PM - Matthew Perry

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#5 - 03/27/2013 02:19 PM - Redmine Admin

Original Bugzilla ID was 2183