

Metacat - Bug #3811

Spatial caches should be backed up and restored

02/06/2009 01:50 PM - Michael Daigle

Status:	Resolved	Start date:	02/06/2009
Priority:	Normal	Due date:	
Assignee:	ben leinfelder	% Done:	0%
Category:	metacat	Estimated time:	0.00 hour
Target version:	2.0.0	Spent time:	0.00 hour
Bugzilla-Id:	3811		
Description			
Right now it takes over 40 minutes for the spacial caches to be generated every time metacat is upgraded on knb. These files should either be located outside of the webapps directories (which may not be possible) or the files should be backed up and restored at update time.			

History

#1 - 02/07/2009 03:17 PM - Matt Jones

Matt Perry and I discussed having them be located outside of the knb context dir many times. We both agreed it was a good idea, but he said it was difficult because GeoServer wasn't very flexible with respect to where the indices were stored. Reloading each time seems like a waste. If you can't relocate the data to `/var/metacat/spatial` or some such, then I think your backup/restore during upgrade is an excellent idea.

#2 - 10/26/2011 03:46 PM - Matt Jones

Decided that its best to move these files to `/var/metacat` by default.

#3 - 10/27/2011 01:30 PM - ben leinfelder

If someone wants to put the spatial cache in `/var/metacat` they will have to do it manually, then configure metacat (which reconfigures geoserver) to point to that directory.

The current default (because this is where all the required files are located in the shipped war) is: `{tomcat}/webapps/knb/spatial/geoserver/data`

There are MANY supporting files and subdirectories in that "data" directory, including the Metacat-specific shapefiles. The entire structure must be maintained when copied/moved to `/var/metacat`

Before upgrading, we should backup the files in "spatial/geoserver/data/metacat_shps", then deploy the new Metacat. Then copy the new data directory to `var/metacat/geoserver`. Then copy the backup metacat_shp files into the new `/var/metacat/geoserver/data` directory. Then configure Metacat to use that directory for geoserver.

#4 - 11/09/2011 12:20 PM - ben leinfelder

The final step in the process should be to *NOT* regenerate the spatial cache during 2.0 configuration.

#5 - 03/27/2013 02:24 PM - Redmine Admin

Original Bugzilla ID was 3811