

## Metacat - Bug #2716

### KNB Data Catalog Map does not display points

01/08/2007 11:35 AM - Callie Bowdish

<b>Status:</b>	Resolved	<b>Start date:</b>	01/08/2007
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Jing Tao	<b>% Done:</b>	0%
<b>Category:</b>	metacat	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.7	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	2716		
<b>Description</b>			
<p>Metacat data bounds is not working working for the KNB Data Catalog Map. <a href="http://knb.ecoinformatics.org/index_map.jsp">http://knb.ecoinformatics.org/index_map.jsp</a> displays the map with no points representing the datasets. The option box Dataset Bounds text is crossed out.</p> <p>Here is the errors in the server log that jing saw: org.vfny.geoserver.wms.WmsException: java.util.NoSuchElementException: Could not locate FeatureTypeConfig 'metacat:data_bounds' at org.vfny.geoserver.wms.requests.GetMapKvpReader.findLayer(GetMapKvpReader.java:1215) at org.vfny.geoserver.wms.requests.GetMapKvpReader.parseLayersParam(GetMapKvpReader.java:1190) at org.vfny.geoserver.wms.requests.GetMapKvpReader.parseLayersAndStyles(GetMapKvpReader.java:688) at org.vfny.geoserver.wms.requests.GetMapKvpReader.parseMandatoryParameters(GetMapKvpReader.java:389) at org.vfny.geoserver.wms.requests.GetMapKvpReader.getRequest(GetMapKvpReader.java:226) at org.vfny.geoserver.servlets.AbstractService.doGet(AbstractService.java:318)</p> <p>jing and some error about the file couldn't find: /var/www/org.ecoinformatics.knb1/knb/data/metacat_shps/data_points.shp</p>			

#### History

##### #1 - 01/17/2007 02:38 PM - Jing Tao

After changing regenerateSpatialCache's value to true in metacat.properties, the tomcat restarted. It took about 30 minutes to regenerate the cache. The knb site now is working.

##### #2 - 01/25/2007 04:01 PM - Callie Bowdish

The KNB Data Catalog Map has had the Dataset Points be unavailable three different times. After each one it requires a reboot to get it to work again. Jing mentioned that the the spatial cache is kind of corrupted. Because of the way this is set up we have a blank spot on the front page where it says "View Interactive Map".

##### #3 - 02/26/2007 03:57 PM - Jing Tao

According to my search and conversation with Matt Perry, the problem is we use shape file to store the geo information which is not recommended in a production server.

I tried to insert and delete 400 eml docs to the test server from 4 machines simultaneously. However, i can't duplicate the problem.

In KNB machine, the problem happened once a week in avarage

##### #4 - 03/22/2007 10:31 AM - Matt Jones

Fixed by synchronizing for multithreaded access to the shapefile.

##### #5 - 03/27/2013 02:21 PM - Redmine Admin

Original Bugzilla ID was 2716