Metacat - Bug #4275

Earthgrid REST API Implementation

07/28/2009 02:18 PM - Serhan Serhan

Status:	Resolved		**Start date:**	07/28/2009
Priority:	Normal		**Due date:**	
Assignee:	Serhan Serhan		**% Done:**	0%
Category:	metacat		**Estimated time:**	0.00 hour
Target version:	Unspecified		**Spent time:**	0.00 hour
Bugzilla-Id:	4275			

Description

REST equivalent of Earthgrid SOAP API should be implemented to provide an interface for accessing Metacat data management functions such as read, squery, insert, delete, etc.

History

#1 - 07/28/2009 02:35 PM - Serhan Serhan

accidentally assigned to michael instead of me.

#2 - 07/28/2009 03:06 PM - Serhan Serhan

1 . MetacatServlet's local functions are moved to a class named "MetacatHandler" which is initialized in the servlet then, appropriate methods are called in the servlet. I did this change to enable accessing those methods from other servlets.

2. I created "edu.ucsb.nceas.metacat.restservice" package and placed a servlet named RestServlet which initializes ResourceHandler class and check paths and url parameters then initialize MetacatHandler and calls appropriate methods from it. I also did necessary definition in web.xml.

3. In src.edu.ucsb.nceas.metacat.client.rest package I created a client REST API which is similar to current Metacat Client API. "MetacatRestClient" class is implementing "MetacatRest" interface which is local equivalence of server side methods. I am using it for unit tests but it may be also used in client applications which are communicating with Metacat server.

4. I created MetacatRestClientTest, a unit test class, in test/edu/ucsb/nceas/metacattest/restservice folder which is testing REST services. It is very similar to MetacatClientTest.

#3 - 10/26/2011 12:34 PM - Matt Jones

Task now being handled via [#5011](#) DataONE service API implementation. This original work on interfaces has been obsoleted.

#4 - 03/27/2013 02:26 PM - Redmine Admin

Original Bugzilla ID was 4275