

Metacat - Bug #188

provide a metacat client library with a standard API

04/09/2001 12:31 PM - Matt Jones

Status:	Resolved	Start date:	04/09/2001
Priority:	Immediate	Due date:	
Assignee:	Matt Jones	% Done:	0%
Category:	metacat	Estimated time:	0.00 hour
Target version:	1.4	Spent time:	0.00 hour
Bugzilla-Id:	188		

Description

Need to be able to call metacat directly from another servlet or from within a client app (using it for local metadat storage), so need to make it into a library that can be called this way, rather than passing params via an inefficient http mechanism when it isn't needed. Owne and John agreed to collaborate on this.

History

#1 - 02/12/2002 04:03 PM - Matt Jones

Moved issues that we do not intend to address during the current release to the 'Postpone' milestone.

#2 - 02/17/2003 02:14 PM - David Blankman

Since Owen is no longer working on the project I have added this to my list.

#3 - 09/22/2003 11:43 AM - Matt Jones

I implemented a functional metacat client API that can be used on both the client and server. The interface is defined in "Metacat.java". It can be built using "ant clientjar". To use it in another application, make sure that both metacat-client.jar and utilities.jar are on your classpath.

Some issues remain. In paticular:

- 1) The HttpMessage code uses static cookies. This is bad and should be changed.
- 2) Most of the APIs return Readers. In some cases we may also want InputStream in order to deal with binary data (including ZIP data). Returning Strings would be reasonable for some methods and would provide a simpler interface for some types of clients (such as SOAP).
- 3) The exceptions used are rich, but difficult to deal with in some environments such as SOAP.
- 4) The current client uses HTTP. There may be clients that exist on the same server for which we would want to use some direct IPC channel, or direct method calls for efficiency.

An example of using the client library is in the tests directory as MetacatClientTest.java.

#4 - 09/17/2004 11:10 AM - Saurabh Garg

Closing the bug. New bugs added covering tasks which were not done yet.

#5 - 03/27/2013 02:13 PM - Redmine Admin

Original Bugzilla ID was 188