

Metacat - Bug #1693

Metacat client library: Static Cookies

09/17/2004 11:09 AM - Saurabh Garg

Status:	Closed	Start date:	09/17/2004
Priority:	Normal	Due date:	
Assignee:	ben leinfelder	% Done:	0%
Category:	metacat	Estimated time:	0.00 hour
Target version:	Unspecified	Spent time:	0.00 hour
Bugzilla-Id:	1693		
Description			
The HttpMessage code uses static cookies. This is bad and should be changed. (From bug# 188)			

History

#1 - 08/05/2005 07:34 AM - Saurabh Garg

Below given is the initial email from Bill Baker regarding static cookies and replies from others.

I agree. We noticed this problem a long time ago, but never fixed it. Sid, could you enter this as a bug and target it at the next major release? Thanks.

Matt

Jing Tao wrote:

Yep, I agree with you. It is better that cookie is a non-static member. But I have no idea why it is chosen to be static in HttpMessage class (utilities module). Do you guys know that?

Jing

Bill Baker wrote:

I guess what I'm really asking is whether cookie should be a non-static member, since it is treated that way, for example, in MetacatClient -- the cookie is set, and then a message is sent. Since there can be multiple client sessions in a JVM simultaneously (for example, several people logged into the same Metacat HTML UI), that seems prone to race conditions:

- (1) Client A sets session cookie
- (2) Client B sets session cookie
- (3) Client A sends message, now with B's session cookie
- (4) Client B sends message ...

At 16:55 2005-07-28, Jing Tao wrote:

Hi, Bill:

I guess the reason they are static method because cookie is a static member variable. But it seems better to be non-static methods.

Jing

Bill Baker wrote:

Sid & Jing --

I noticed that HttpMessage.setCookie and .getCookie are static (as is the cookie member variable) -- should those be non-static instead?

-- Bill

#2 - 03/27/2013 02:17 PM - Redmine Admin

Original Bugzilla ID was 1693

#3 - 04/10/2013 11:26 AM - ben leinfelder

- *Status changed from New to Closed*

- *Assignee changed from Michael Daigle to ben leinfelder*

We changed to use standard apache HttpClient and made the cookie sessionId value a per-MetacatClient instance variable.