

## Metacat - Bug #19

### need exception handling mechanism

06/12/2000 06:18 PM - Jivka Bojilova

<b>Status:</b>	Resolved	<b>Start date:</b>	06/12/2000
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Matt Jones	<b>% Done:</b>	0%
<b>Category:</b>	metacat	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Release1.0	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	19		
<b>Description</b>			
It should have been assigned to <a href="mailto:bojilova@nceas.ucsb.edu">bojilova@nceas.ucsb.edu</a>			
<b>Related issues:</b>			
Blocked by Metacat - Bug #17: DBWriter uses multiple transactions to load doc...			<b>Resolved</b> <b>06/08/2000</b>

### History

#### #1 - 06/12/2000 07:02 PM - Matt Jones

Some more details about this bug from Jivka and my conversation about this topic.

We should probably have an error handling class that does something graceful when any kind of terminating exception is encountered.

All of our code should be redesigned with a single error handling class. Then we could work through the code and, anywhere a message is passed, throw an exception instead that is handled by our error handler class. It would be much cleaner. This mechanism can be used to trigger a rollback when jdbc exceptions occur, and to display messages to the user and exit gracefully or recover when something unexpected happens in the server. Certain errors will be undefined behavior. But others will be normal errors that result from users inputting values that we can't deal with. We should handle both types. We should probably have two classes. 1) MetaCatException and 2) MetaCatErrorHandler (that deals with the exceptions). The exception is a data structure that contains the error info. The error handler class determines what to do with the exception that it receives (e.g., rollback, display message, exit program, etc.).

#### #2 - 07/26/2000 04:09 PM - Matt Jones

Transfer ownership to jones

#### #3 - 10/16/2001 10:39 PM - Matt Jones

WONTFIX because the exception handling is managed within each of the subsystems of metacat, e.g., DocumentImpl handles its own exceptions.

#### #4 - 03/27/2013 02:13 PM - Redmine Admin

Original Bugzilla ID was 19