

## Metacat - Bug #543

### Metacat hang in there when delta T replication

07/02/2002 10:26 AM - Jing Tao

<b>Status:</b>	Resolved	<b>Start date:</b>	07/02/2002
<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>	1.2	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	543		

#### Description

There are two metacats A and B. We send a command to B to excute delt T replication from A. So B will send a update command and get docid list from A, insert new or updated docid into local server. But when B donwload about 20 documents, it always hang in there. If you send a another command to excute delt T replication. It donwload another couple doucments. At last, it couldn't download.

#### History

##### #1 - 07/02/2002 05:12 PM - Jing Tao

It is found that after inserting a data file ( not for every data file), the hang problem will happend. So we opened the debug information for database. From debug information of postgresql, we knew after registering the data file into xml\_documents table, then the next xml documents couldn't insert into xml\_documents table and stopped there when the problem happened. From the observation, the data file seemed successfully registered into xml\_documents table. Howerver, it didn't. I think the unsuccessful registering of data file caused the stopping of next xml document inserting.

So we think, for some reason, the registerDocument method check out a db connection which autoCommit value equlas false ( I am not sure why this happend), but after insert into xml\_documents table, we didn't commit it ( the default value of autoCommit is true). So the data file didn't insert into database.

Our solution is simple. In registerDocument method, before excecute the insert sql command, set autoCommit value false for the dbconnection. Then commit it. Before check the dbconnection in, set autoCommit value true.

I tested the code by replication 347 document from one metacat to another metacat. The hang problem didn't happend again.

##### #2 - 03/27/2013 02:14 PM - Redmine Admin

Original Bugzilla ID was 543