

Metacat - Bug #540

In force replication, some time has reversion number error

06/27/2002 01:05 PM - Jing Tao

Status:	Resolved	Start date:	06/27/2002
Priority:	Normal	Due date:	
Assignee:	Jing Tao	% Done:	0%
Category:	metacat	Estimated time:	0.00 hour
Target version:	1.2	Spent time:	0.00 hour
Bugzilla-Id:	540		

Description

Using Morpho to update a documents in a local metacat, the remote metacat sometime has error:

```
ERROR in MetacatReplication.handleForceReplicateRequest():
Error in DBSaxHandler.startElement UPDATE
java.lang.Exception: Next revision number couldn't be less than or equal 8 (
or other number).
```

This error sometimes happened, sometimes not. I didn't find the pattern.

History

#1 - 06/28/2002 09:29 AM - Jing Tao

In class ForceReplicationHandler, we use a for loop the check every server in replication tables to see if we need to send a url force replication request. But in the start of for loop, we didn't reset the url to null. So if the next iteration didn't overwrite the previous one, the previous one will send twice. So the remote server will request a same document twice and cause the error. Now the url will be reset again and the error between two replication of metacat is gone.

But if there are 3 metacats - A, B, C and they can replicate to each other. If A inert a document and it will replicate to B and C. B write the documents into its database and send a force replication request to C. C will ask the same doc form B. But when C got the doc info from and found it already have it. So the exception will happend.

Same thing will happend to B too.

If we don't want the feature that force replication will happend during a replication(if we do that, we will get rid of the exception). The hub will not automatically replicate the documents which it got from other host to the remote host.

It is only exception and no hurt to metacat. So we can keep it.

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

Original Bugzilla ID was 540