

Metacat - Bug #18

metacat docid and rootnodeid not generated in a safe manner

06/08/2000 11:16 AM - Matt Jones

Status:	Resolved	Start date:	06/08/2000
Priority:	Immediate	Due date:	
Assignee:	Jivka Bojilova	% Done:	0%
Category:	metacat	Estimated time:	0.00 hour
Target version:	Sep2000	Spent time:	0.00 hour
Bugzilla-Id:	18		
Description when a document or node are inserted into their respective tables, a trigger generates an ID number for the PK from a SEQUENCE, which is then retrieved by examining the sequences "currval" attribute. If another db insertion was done (by another user), then currval would return the wrong ID number. Basically, need to return the generated ID number as part of the same transaction as the insertion.			

History

#1 - 06/12/2000 12:57 PM - Matt Jones

Reassigned bug to bojilova. She will fix this bug by changing docid assignment to the AccessionNumber class, and will find a fix for the problem when the xml_nodes.nodeid is being assigned.

#2 - 06/16/2000 06:15 PM - Jivka Bojilova

Problem fixed for docid assignment.
Using AccessionNumber class for docid generation from DBSAXDocument class.
Now docid is created in safe manner, because before with sequence multiple user connections could get wrong currval from the sequence, ie not their own.
xml_acc_numbers table keep track of docid values which are unique.
Accession # generation is runned in different connection with auto commit mode in order to provide immediate visualization of the generated # to other user's connections.

Need more work for nodeid - refer to bug [#25](#) about safe nodeid generation
There are nothing about rootnodeid. The problem is for nodeid.

#3 - 03/27/2013 02:13 PM - Redmine Admin

Original Bugzilla ID was 18