

## Metacat - Bug #3889

### KNB and LTER metacats not replicating some 210 test docs

03/16/2009 01:38 PM - Margaret O'Brien

<b>Status:</b>	Resolved	<b>Start date:</b>	03/16/2009
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Michael Daigle	<b>% Done:</b>	0%
<b>Category:</b>	metacat	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.9	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	3889		
<b>Description</b>			
Mike asked me to put this info into a bug.			
sbc_eml210_test.6.2 ( <a href="http://knb.ecoinformatics.org/knb/metacat/sbc_eml210_test.6.2/default">http://knb.ecoinformatics.org/knb/metacat/sbc_eml210_test.6.2/default</a> ) This doc was inserted directly to knb with the form at dev/style/skins/loadxml.html It does not appear at LTER.			
5 other docs were inserted at LTER via dev/style/skins/loadxml.html but are not present at KNB sbc_eml210_test.1.1 <a href="http://metacat.lternet.edu:8080/knb/metacat/sbc_eml210_test.1.1/lter">http://metacat.lternet.edu:8080/knb/metacat/sbc_eml210_test.1.1/lter</a> sbc_eml210_test.2.1 <a href="http://metacat.lternet.edu:8080/knb/metacat/sbc_eml210_test.2.1/lter">http://metacat.lternet.edu:8080/knb/metacat/sbc_eml210_test.2.1/lter</a> sbc_eml210_test.3.1 <a href="http://metacat.lternet.edu:8080/knb/metacat/sbc_eml210_test.3.1/lter">http://metacat.lternet.edu:8080/knb/metacat/sbc_eml210_test.3.1/lter</a> sbc_eml210_test.4.1 <a href="http://metacat.lternet.edu:8080/knb/metacat/sbc_eml210_test.4.1/lter">http://metacat.lternet.edu:8080/knb/metacat/sbc_eml210_test.4.1/lter</a> sbc_eml210_test.5.2 <a href="http://metacat.lternet.edu:8080/knb/metacat/sbc_eml210_test.5.2/lter">http://metacat.lternet.edu:8080/knb/metacat/sbc_eml210_test.5.2/lter</a>			
. #1 and #2 are citations, #3-5 are datasets. sbc_eml210_test.6.2 (at KNB) is identical to sbc_eml210_test.5.2 (at LNO), except for the docid, so there should be 6 documents total in both metacats.			
<b>Related issues:</b>			
Blocked by Metacat - Bug #3906: Can't read files whose names are a path		<b>Resolved</b>	<b>03/19/2009</b>

#### History

##### #1 - 03/17/2009 09:19 AM - Jing Tao

Hi, Mike:

I observed some error message during the replication from LTER to KNB:

Failed to write doc pisco\_recruitment.314.1 into db because User does not have permission to update of access rules for data file

pisco\_recruitment.120 [edu.ucsb.nceas.metacat.ReplicationHandler]

Metacat: [ERROR]: error to handle update doc in xml\_documents in time replicationUser does not have permission to update of access rules for data file pisco\_recruitment.120 [edu.ucsb.nceas.metacat.ReplicationHandler]

Metacat: [ERROR]: Error in Eml200SAXHanlder.handleOnlineUrlDataFile is User does not have permission to update of access rules for data file

pisco\_recruitment.120 [edu.ucsb.nceas.metacat.Eml200SAXHandler]

I think this is an issue ( which may NOT relative to Margaret's one). During the replication, there no user login, so the user is null and it should have all permission to write documents into the db. Obviously, this access control rule was modified.

##### #2 - 03/19/2009 09:21 AM - Margaret O'Brien

checked on replication for the 6 packages listed when this bug was opened. Replication for these is at 50%. 3 out of 5 eml docs have now replicated from LTER to KNB. These 2 have not:

sbc\_eml210\_test.4

sbc\_eml210\_test.5

and this package has not yet replicated from KNB to LTER:

sbc\_eml210\_test.6

##### #3 - 03/19/2009 09:43 AM - Jing Tao

Did you see any access control error which I reported on the second comment during the replication from lter to knb?

##### #4 - 03/19/2009 09:59 AM - Michael Daigle

Moved the replication data permissions error to a separate ticket [#3908](#)

##### #5 - 03/19/2009 10:01 AM - Michael Daigle

sbc\_eml210\_test.4 and sbc\_eml210\_test.5 are definitely erroring out on the knb side with an error described in ticket 3906

**#6 - 03/24/2009 01:53 PM - Michael Daigle**

This was related to but 3908, where there were permissions issues with the replication handler. This caused a chain of events.

- 1) the replicating server wound up with zero length files on disk
- 2) subsequent replications tried to read those zero length files and failed

Created a replication user which has ALL permissions. Also added code to make sure that zero length files do not get written or read.

**#7 - 03/27/2013 02:24 PM - Redmine Admin**

Original Bugzilla ID was 3889