

Metacat - Bug #4356

knb website query result shows old version of a document

08/31/2009 02:26 PM - Jing Tao

Status:	Resolved	Start date:	08/31/2009
Priority:	Immediate	Due date:	
Assignee:	Jing Tao	% Done:	0%
Category:	metacat	Estimated time:	0.00 hour
Target version:	2.0.0	Spent time:	0.00 hour
Bugzilla-Id:	4356		

Description

Oliver Soong wrote:

I dropped a note about this on IRC, and Matt suggested you two might be the ones to hear about it. If I search on KNB for Kruger, I can turn up judithk.40.35, but if I adjust the URL to ask for docid=judithk.40, I get judithk.40.40. The package was just recently replicated, so that may be part of the issue, but at the moment, things seem to be out of sync. I don't know if this is expected (search index is slightly out of date?) or whether this represents a more serious issue.

Oliver

Hi, Mike:

I think i found the problem. I queried the xml_queryresult table by "select * from xml_queryresult where docid like 'judithk.40';" and get something like:

```
judithk.40 |
<docid>judithk.40.35</docid><docname>eml</docname><doctype>eml://ecoinformatics.org/eml-2.1.0</doctype><createdate>2004-07-20</createdate><updatedate>2009-05-29</updatedate><param name="dataset/title">Kruger National Park ecological aerial survey data (1998-2007)</param><param name="creator/individualName/surName">Kruger</param><param name="creator/organizationName">SANParks</param><param name="keyword">Ungulate population</param><param name="keyword">Aerial survey</param><param name="keyword">Distance methodology</param><param name="keyword">SANParks, South Africa</param><param name="keyword">Kruger National Park, South Africa</param><param name="keyword">Kruger National Park</param>
```

You see, the judithk.40.35 is stored in the xml_queryresult table. I think there was a mechanism to delete the cached item when a document was updated. It seems this mechanism was broken.

It was possible to delete some records in xml_queryresult table. But I am not sure if metacat still works this way. If this is the case, we can delete the records for judithk.40 then i think the search will work.

I will file a bug report for this issue.

Thanks,

Jing

History

#1 - 01/25/2010 03:46 PM - Michael Daigle

We need to add code to retry (queue) the query result addition when it fails. differing this to 1.9.3

#2 - 11/07/2011 04:07 PM - Jing Tao

I used a morpho to create a eml document and insert it to metacat. Then i did a search and records was added to xml_queryresult table.

I updated the document in metacat by morpho. After i did that, i checked the xml_queryresult table. The records of the old document were deleted. I did a search again. The result showed the new version of the document.

So i couldn't reproduce this bug.

I will do test by replication as well.

#3 - 11/07/2011 05:43 PM - Jing Tao

Ben and I tested the updating and query on both forced replication and timed replication between two metacats. We couldn't reproduce the bug.

So i am going to close the bug.

#4 - 03/27/2013 02:26 PM - Redmine Admin

Original Bugzilla ID was 4356