

FIRST - Bug #4309

Some of Data packages could not be uploaded to web

08/13/2009 07:25 AM - Jay Lee

Status:	Resolved	Start date:	08/13/2009
Priority:	Normal	Due date:	
Assignee:	ben leinfelder	% Done:	0%
Category:	dataserver	Estimated time:	0.00 hour
Target version:	Unspecified	Spent time:	0.00 hour
Bugzilla-Id:	4309		

Description

there are two cases of error when Data package was uploaded into web server.

First, Entire parsed items are not uploaded with error message "Document not found for accession number". 2003 Fall Exam 2 Form A, 2004 Fall Exam 2, 2004 Fall Final, and 2006 Fall Exam 2 fall into this case.

Second, some of parsed items are not be able to be uploaded into Web server.
It gives error message " problem saving assessment item datapackage"

For example, when 2006 Fall Exam 3 was uploaded into web, the item id 1889.1 gave error message and could not be uploaded into web but rest of items were successfully uploaded into web. 2002 Fall Exam1, 2004 Fall Exam3, 2005 Fall Final, 2005 Midterm ver A, 2006 Fall Exam3, and 2006 Fall Final belong to this error case.

more detail description for error items id for this error. see the FIRST_data_Log.xls at FIRST angel website.

Related issues:

Blocks FIRST - Bug #4315: Images repeating when editing assessment items

Resolved 08/14/2009

History

#1 - 08/13/2009 09:47 AM - ben leinfelder

Can you describe the *exact* steps you took when saving to the network?

Was the assessment fully saved locally before you attempted to save to the network?

You might also try using the File->Synchronize... option to see if you can push your local copy to the network.

If that doesn't work, then I'd like you to point at '<http://fred.msi.ucsb.edu:8080/knb/metacat>' again and try saving there so that I have more control over what is happening.

#2 - 08/13/2009 03:16 PM - ben leinfelder

from Jay

Hi Ben,

Before I tried to save data package into web, the data package was fully parsed and saved with no problem into local drive. And then I tried to save it to web server. I chose the menu -> save -> mark "Save to Network". If you go to First angel website, there is log file under Morpho Database Log folder that I created.

It has information that what data package have trouble to upload. I also upload data package backup file under Morpho Backup Data. There are two backup file. The one with August 13 is the latest one.

As you asked me, I changed the metacat URL to Fred and tried to upload some of data packages. Same error message pop up. Even the data package that did not have trouble to upload EGR server, now I could not upload them into Fred with same error message " Document not found for accession number".

Let me know what else I should try on.

Jay

#3 - 08/13/2009 03:17 PM - ben leinfelder

I downloaded Jay's latest Morpho backup and used it from my Morpho - saved to fred.msi.ucsb.edu successfully (jlee.220.3) "2003 Fall Exam Form A". Downloaded same exam too.

#4 - 08/13/2009 03:19 PM - ben leinfelder

When you set the URL to a different Metacat server - please hit the "Clear Temporary Storage"
That may have something to do with the trouble you are having uploading to different servers and even the EGR server (but I'm not sure).

#5 - 08/13/2009 03:34 PM - ben leinfelder

I couldn't upload all of jlee.220.3 to the EGR server because:
a) I don't have full access to the data file it references (jlee.260.6)
b) i don't have write permission for the actual assessment (jlee.220.3)

Jay should be able to save this exam (I did it on fred where there wasn't already a record of his save)

You can try:

- making a slight modification (change the title)
- saving locally
- changing the title back
- saving locally
- saving to the server

This might get the IDs back to a place where there are no conflicts and a save can occur.

#6 - 08/13/2009 04:09 PM - Jay Lee

ok. as i directed by Ben, I clear up Temporary storage in Norpho and tried to upload some data package to Fred server that had trouble to upload to EGR server. it showed the different behavior. For example, 2004 Fall Exam 2 data package did have error " Document not found accession number" on EGR server. but it was partially able to be uploaded into Fred Server. there was only one item having trouble to upload it.

#7 - 08/13/2009 04:12 PM - ben leinfelder

what was the item it had an error with? what was the error?

#8 - 08/13/2009 04:17 PM - Jay Lee

I didn't make record of it. so i tried other Exam, 2006 Fall Exam 2.
the item having trouble was jlee1800.2. it said, Problem Saving Accessemment item data package".

The rest of items were successfully uploaded to Fred server.

#9 - 08/13/2009 04:22 PM - ben leinfelder

Please make sure you grant public read to both the assessment and the data
I see jlee.1800.1 on the server (internally) but I do not appear to have read access via the web.
You an also try the "File->Synchronize..." option and see if that resolves the error

#10 - 08/13/2009 04:28 PM - Jay Lee

Hum. it's kind of weird. after i granted you access, I tried to use the menu "Synchronize" but that menu is unactivated.

I notice before that once you saved your data package int server, that menu is unactiavted.

So i tried to save it again and it gave me other items this time, id id=jlee1755.5.

#11 - 08/13/2009 05:01 PM - ben leinfelder

there is no jlee.1755.5 on the server - only jlee.1755.2:
<http://fred.msi.ucsb.edu:8080/knb/metacat/jlee.1800/first>

I'm not sure what you are doing at this point.

#12 - 08/13/2009 05:03 PM - ben leinfelder

oops - i meant to paste this url:

<http://fred.msi.ucsb.edu:8080/knb/metacat/jlee.1755/first>

#13 - 08/13/2009 05:06 PM - ben leinfelder

it looks like this has been uploaded:

<http://fred.msi.ucsb.edu:8080/knb/metacat/jlee.1753/first>

#14 - 08/13/2009 05:13 PM - ben leinfelder

There is, however, a problem with the IDs - at least for jlee.1800.2 (there is only jlee.1800.1 on fred) this will cause the data download to fail even though you can see most of the assessment (2006 Fall Exam 2 (jlee.1753.3))has been uploaded.
I'm not sure how best to recover from that.

#15 - 08/13/2009 05:17 PM - ben leinfelder

I did notice that jlee.1800.1 has one prompt with <html> tags in it. This is supposed to be supported (they are wrapped in CDATA) but I did see a Metacat error about something it could not perform deep inside its database representation of the XML document.

Jay - can you find the 1800.2 file in your .first...../jlee/ directory and send it to me or attach it to this bug?

#16 - 08/13/2009 05:36 PM - ben leinfelder

i loaded the updated jlee.1800.2 file onto fred (manually). and now I can download the assessment [data] from fred for:

2006 Fall Exam 2 (jlee.1753.3)

<http://fred.msi.ucsb.edu:8080/knb/metacat/jlee.1753/first>

(54 questions i hope!?)

#17 - 08/13/2009 07:37 PM - Jay Lee

Yes. there are 54 questions for 2006 Fall Exam2. so does that mean that we have to upload manually if there is any error with items?

#18 - 08/14/2009 08:58 AM - ben leinfelder

No, we should not have to manually upload files. I want to figure out what happened and how to fix it.

We have a few more test cases that are partially uploaded to the EGR server, correct?:

2002 Fall Exam1

2004 Fall Exam3

2005 Fall Final

2005 Midterm ver A

2006 Fall Exam3

2006 Fall Final

I can use your saved Morpho directory from Aug 13th to test some things out.

#19 - 08/14/2009 10:18 AM - ben leinfelder

For '2005 Fall Final' (jlee.1687.2) there are two questions that were serialized to invalid QTI documents:

-Question 76

-Question 77

They both contain 2 images (exact duplicates that even share the same id/filename). There should only be a single image here and in the QTI XML.

This is the offending entry:

```
<material><matimage imagetype="image/1" uri="ecogrid://knb/jlee.2484.1"> </matimage>
</material>
```

It appears just before the start of the <render_fib> tag

#20 - 08/14/2009 10:28 AM - ben leinfelder

I've corrected question 76 and 77 to only include the single image and resaved '2005 Fall Final' (jlee.1687) to fred successfully. I guess i'll try it on the egr server now - but i suspect i will have permission errors when colliding with Jay's initial upload attempts.

#21 - 08/14/2009 01:04 PM - ben leinfelder

It seems that our handling of images in the Assessment Parser is creating some invalid QTI documents - these then cause problems with the entire exam: IDs get out of synch and "everything" seems to crumble apart. Looks like there's some parsing code that creates additional image entries everytime there is a save. For a question that has revision of 3 i see this:

```
<matimage imagetype="image/1" uri="ecogrid://knb/jlee.1423.1"> </matimage>
<matimage imagetype="image/1" uri="ecogrid://knb/jlee.1423.1"> </matimage>
<matimage imagetype="image/1" uri="ecogrid://knb/jlee.1423.1"> </matimage>
<matimage imagetype="image/1" uri="ecogrid://knb/jlee.1423.1"> </matimage>
```

there should only be one.

also - that block of 4 is repeated in another location in the same question.

not good!

#22 - 09/10/2009 11:17 AM - ben leinfelder

since 4315 is resolved can we retest this and close this bug?

#23 - 09/16/2009 01:58 PM - Sandeep Namilikonda

This issue has been tested and confirmed resolved.

#24 - 03/27/2013 02:26 PM - Redmine Admin

Original Bugzilla ID was 4309