

FIRST - Bug #4375

item metadata not serializing correctly (Metadata items not faithfully retrieved on re-opening an assessment)

09/10/2009 09:50 AM - ben leinfelder

Status:	Resolved	Start date:	09/10/2009
Priority:	Normal	Due date:	
Assignee:	Ryan McFall	% Done:	0%
Category:	parser	Estimated time:	0.00 hour
Target version:	client-prototype	Spent time:	0.00 hour
Bugzilla-Id:	4375		

Description

first saw this on download - but looked into the QT1 XML and it looks like the vocabulary is being incorrectly populated with the actual term.

Here is a snippet that illustrates the serialized metadata:

```
-----  
<itemmetadata>  
<qtimetadata>  
<vocabulary uri=" " vocab_type="text/xml">polymers</vocabulary>  
<qtimetadafield>  
<qti:fieldlabel>Concept</qti:fieldlabel>  
<qti:fielentry>polymers</qti:fielentry>  
</qtimetadafield>  
</qtimetadata>  
</itemmetadata>  
-----
```

the <vocabulary> tag should have the actual vocabulary from which the term was selected.

History

#1 - 09/10/2009 10:16 AM - ben leinfelder

it appears that this is working correctly - perhaps the vocabulary was entered manually.
I did a test on my side and found that the NBII vocab was correctly used as the <vocabulary> for the polymers tag.

#2 - 09/15/2009 09:34 PM - Sandeep Namilikonda

When multiple metadata items are added to an assessment item using the parser and saving the changes, a suitable XML file with all the metadata items is generated. But, when the same assessment is re-opened via Morpho interface as a part of a data package, two kinds of problems were noticed.

- 1) Manually entered metadata is not retrieved by the parser.
- 2) Only one of the two keywords from each from Bloom and NBII, associated with an item were retrieved.
When I view this assessment via web interface, all four keywords are successfully retrieved!

Here is a sample XML for case 1 above (named 902.1):

```
<qti:questestinterop xmlns:qti="http://www.imsglobal.org/xsd/ims_qtiasiv1p2" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.imsglobal.org/xsd/ims_qtiasiv1p2 ims_qtiasiv1p2.xsd"><assessment ident=" "><section ident=" "><item
ident="namilikonda.902.1" title="QuestionTypeMultiple choice"> <itemmetadata> <qtimetadafield> <qti:fieldlabel>Concept</qti:fieldlabel>
<qti:fielentry>Molecules</qti:fielentry>
</qtimetadafield>
</qtimetadafield>
<qtimetadafield> <qti:fieldlabel>Concept</qti:fieldlabel>
<qti:fielentry>test1</qti:fielentry>
</qtimetadafield>
<qtimetadafield> <qti:fieldlabel>Concept</qti:fieldlabel>
<qti:fielentry>test2</qti:fielentry>
</qtimetadafield>
```

```
<qtimetadafield> <qti:fieldlabel>Concept</qti:fieldlabel>
<qti:fielentry>test3</qti:fielentry>
</qtimetadafield>
</qtimetadadata>
</itemmetadadata>
```

Here is a sample XML file saved as 902.2 on my computer as I modified the content and saved it as a revision over 902.1:

```
<qti:questestinterop xmlns:qti="http://www.imsglobal.org/xsd/ims_qtiasiv1p2" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.imsglobal.org/xsd/ims_qtiasiv1p2 ims_qtiasiv1p2.xsd"><assessment ident=" "><section ident=" "><item
ident="namilikonda.902.2" title="QuestionTypeMultiple choice"> <itemmetadadata> <qtimetadadata> <vocabulary uri=" "
vocab_type="text/xml">nbii</vocabulary>
<qtimetadafield> <qti:fieldlabel>Concept</qti:fieldlabel>
<qti:fielentry>Molecules</qti:fielentry>
</qtimetadafield>
<qtimetadafield> <qti:fieldlabel>Concept</qti:fieldlabel>
<qti:fielentry>Phytoplankton</qti:fielentry>
</qtimetadafield>
</qtimetadadata>
<qtimetadadata> <vocabulary uri=" " vocab_type="text/xml">bloom</vocabulary>
<qtimetadafield> <qti:fieldlabel>Concept</qti:fieldlabel>
<qti:fielentry>Knowledge</qti:fielentry>
</qtimetadafield>
<qtimetadafield> <qti:fieldlabel>Concept</qti:fieldlabel>
<qti:fielentry>Organizing</qti:fielentry>
</qtimetadafield>
</qtimetadadata>
</itemmetadadata>
```

#3 - 09/26/2009 02:35 AM - Ryan McFall

This should be fixed with revision 1387; the outer loop index of a nested loop was being used to retrieve the concept name and value, so only the first item from each vocabulary was being added.

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

Original Bugzilla ID was 4375