

## Metacat - Bug #417

### Is sequential numbering of versions needed?

02/08/2002 09:06 AM - Dan Higgins

<b>Status:</b>	Resolved	<b>Start date:</b>	02/08/2002
<b>Priority:</b>	Immediate	<b>Due date:</b>	
<b>Assignee:</b>	Jing Tao	<b>% Done:</b>	0%
<b>Category:</b>	metacat	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.1	<b>Spent time:</b>	0.00 hour
<b>Bugzilla-Id:</b>	417		

#### Description

Currently, version changes of documents must be sequentially numbered. This means that someone working locally in Morpho might make 6 changes to a document and 6 versions must be sent to Metacat in order, even though only the last one is meant to be submitted. Also, if any of the early version is invalid then the whole submission fails. Likewise, a download of any datapackage requires the download of all version, even if only the most recent is needed.

Therefore, I suggest that submission of new versions only require that the new version number be greater than the current one, not exactly one greater.

#### History

##### #1 - 02/08/2002 10:00 AM - Matt Jones

I think I agree. This feature is somewhat left over from when metacat did the sequence number assignments. I think we still need to be sure, however, that the user has the most recent revision before allowing them to update. Basically, if metacat has x.50.6 as the most recent revision, and the user tries to update to x.50.7 or greater, then fine. But if they try to update to x.50.6 or less, then it must be rejected still. This change will be backwards compatible with morpho 1.0.0 so that will be ok.

##### #2 - 03/05/2002 02:49 PM - Jing Tao

A method named getLastRevisionNumber was added to AccessionNumber class. And condition for checking accession number was revised too. Now metacat wouldn't refuse a revision number which is 2 or more greater than current revision number in the database.

A constructor was added to DBSAXHandler class. In this constructor, user can specify the revision number he want to update. And the number can be passed into a DocumentImpl object constructor in startElement method. But the number should be greater than current number in database.

A constructor for DocumentImpl class was added. In the new constructor, user can specify the revision number he want to update. In method writeDocumentToDB, when a update action happend, the rev number would not automatically to add one, but it can update to specified number.

##### #3 - 03/27/2013 02:14 PM - Redmine Admin

Original Bugzilla ID was 417