Morpho - Bug #1770

Using Revert Tab in Data Table panel

11/18/2004 01:19 PM - Veronique Connolly

Status:	Resolved	**Start date:**	11/18/2004
Priority:	Immediate	**Due date:**	
Assignee:	Saurabh Garg	**% Done:**	0%
Category:	morpho - general	**Estimated time:**	0.00 hour
Target version:	1.6	**Spent time:**	0.00 hour
Bugzilla-Id:	1770		

Description

I was working in the Data Table panel of a Data Package, I deleted a Selected Column, and then I did Revert Tab, but it didn't revert to my original data table. Here is what it did. Initially, I had 6 columns. Let's say the column names were A, B, C, D, E, F. I deleted column A. After I did Revert Tab, I had 5 columns with column headers B, C, D, E, F (in that order) containing data from the original columns A, B, C, D, E, respectively. So, in the end, after doing Revert Tab, I got the data from column A back (the column I had deleted), but the column header A was replaced by column header B (followed by column headers C, D, E, F), and I lost data from column F.

History

#1 - 11/18/2004 02:40 PM - Matt Jones

This bug involves data loss and will be at the top of the priority list to fix for the next release. Thanks for reporting it.

#2 - 01/20/2005 06:06 PM - Saurabh Garg

When the data is modified, the version of the data in the memory is modified. And when the user selects 'revert tab', the data is re-read from the file.

But when a column is deleted, the version of the data in the memory is modified AND the datapackage information is modified. So the attribute representing the column in the attribute list in the datapackage is removed. And when the user selects revert tab, the data is re-read from the disk. BUT the datapackage information is not read from the disk. This is because there might be other changes made using the tree editor or the 'Documentation' menu. So if we re-read the file from the disk, we will lose the other changes also.

I fixed this by reading the document from the disk and just replacing the entity part of the document. So only the entity and attribute information is reloaded. This solution might also fail if the document is no longer avaiable for some reason - for example the network went down or the file was deleted. But otherwise, this seems to work fine.

Veronique can also check to see if it works fine for her and then I will close the bug.

#3 - 05/27/2005 02:37 PM - Saurabh Garg

Closing the bug. Renamed Revert Tab to Revert Entity to saved version.

Works if user modifies/deletes rows/columns in an entity. The modified entity is replaced with the entity that was saved initially. If changes were made on a newly created entity which has not been saved yet, the old entity data is lost.

#4 - 03/27/2013 02:18 PM - Redmine Admin

Original Bugzilla ID was 1770