

QGIS Application - Bug report #14812

Saving / re-opening a project reverse the annotations z-order

2016-05-13 05:00 AM - Arnaud Morvan

Status:	Closed	
Priority:	Low	
Assignee:		
Category:	Project Loading/Saving	
Affected QGIS version:	master	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 22768
Description		
<p>To reproduce :</p> <ul style="list-style-type: none">- Create a project- Add an annotation- Add a second annotation that overlap the first one.- Save the project.- Re-open the project. <p>=> The annotations display in reversed z-order.</p> <p>Note : I don't see any possibility to manage the annotations z-order.</p>		

Associated revisions

Revision 82d465cd - 2016-05-18 02:08 AM - Simon Chenery

Save annotations to project.qgs in creation order (fix #14812)

Save annotations to project file in the order they were loaded or created, so that annotations have the same display order each time the project is opened.

Revision e63e9eb8 - 2016-05-19 10:20 PM - Nyal Dawson

Save annotations to project.qgs in creation order (fix #14812)

Save annotations to project file in the order they were loaded or created, so that annotations have the same display order each time the project is opened.

(cherry-picked from 82d465cd9434d4445fe4fa44af8a5fd085cbc566)

History

#1 - 2016-05-16 12:33 PM - Simon Chenery

- File 14812.patch.txt added

If I create three Text Annotations 'Annotation1', 'Annotation2' and 'Annotation3' and save the project, then the Text Annotations are saved in order 'Annotation3', 'Annotation2', 'Annotation1' in the project.qgs file.

This is because QgsMapCanvas::items() (from parent class QGraphicsView::items()) returns the items in "stacking order" with the uppermost item 'Annotation3' first, and QgsApp::writeAnnotationItemsToProject saves the Text Annotations in this order too.

When I load the project again, 'Annotation1' is now on top, although it was on the bottom before.

Solution is to go through the QgsAnnotationItem list in reverse order when saving the project.qgs file -- this logic is already used in QgsMapCanvas::saveAsImage for creating an image file.

A master patch is attached (git diff --patch > /tmp/14812.patch.txt).

#2 - 2016-05-16 01:24 PM - Simon Chenery

Also created a pull request <https://github.com/qgis/QGIS/pull/3074>

#3 - 2016-05-17 05:09 PM - Simon Chenery

- Status changed from Open to Closed

Fixed in changeset commit:"82d465cd9434d4445fe4fa44af8a5fd085cbc566".

Files			
14812.patch.txt	799 Bytes	2016-05-16	Simon Chenery