QGIS Application - Bug report #9578
QGIS Crashes when incorrect plot style for programmatically created composer

2014-02-16 11:40 PM - Tim Sutton

Status:	Closed		
Priority:	Normal		
Assignee:			
Category:	Map Composer/Printing		
Affected QGIS version:	2.0.1	**Regression?:**	No
Operating System:	Windows	**Easy fix?:**	No
Pull Request or Patch supplied:		**Resolution:**	invalid
Crashes QGIS or corrupts data:		**Copied to github as #:**	18161

Description

This issue replaces #9562

We have been trying to track down the cause of a crash under windows. We use some code similar to this to load a template (can be pasted directly into the python console in QGIS).

```
from qgis.core import QgsComposition
from PyQt4 import QtCore, QtXml

path = 'c:/temp/test.qpt'
template_file = QtCore.QFile(path)
template_file.open(QtCore.QIODevice.ReadOnly | QtCore.QIODevice.Text)
template_content = template_file.readAll()
template_file.close()
document = QtXml.QDomDocument()
document.setContent(template_content)

canvas = iface.mapCanvas()
renderer = canvas.mapRenderer()
composition = QgsComposition(renderer)
composition.setPlotStyle(QgsComposition.Print) # or preview   <--- will cause a crash
composition.setPrintResolution(300)
composition.setPrintAsRaster(True)
composition.loadFromTemplate(document)

composer = iface.createNewComposer()
composer.setComposition(composition)
```

It seems that we were erroneously using print plot style instead of preview when loading the template. After the composer is loaded at some point a crash will occur under windows if you interact with the canvas. One way to replicate this seems to be if you add another map to the layout and then zoom to full.

History

#1 - 2014-02-16 11:40 PM - Tim Sutton

- Priority changed from High to Normal

#2 - 2014-02-16 11:59 PM - Akbar Gumbira

- File test.qpt added

Attached file is the template we used.

#3 - 2014-02-17 12:58 AM - Akbar Gumbira

- File qgis-20140217-155605-3216-1640-d94c044.zip added

Attached is the minidump file

#4 - 2014-06-07 03:42 AM - Nyall Dawson

- Resolution set to invalid

- Status changed from Open to Closed

I can't reproduce this crash under master, but setting the plot style in this way isn't supported in any case. The composer will be basically unusable. Print and Postscript styles are only designed for outputting compositions, not working with them in a composer.

Files

test.qpt	2.44 KB	2014-02-16		Akbar Gumbira
qgis-20140217-155605-3216-1640-d94c044.zip	3.43 MB	2014-02-16		Akbar Gumbira