

QGIS Application - Bug report #7283

saveAsImage not including entire mapCanvas

2013-03-06 08:01 AM - Brian Edmond

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Map Canvas	
Affected QGIS version:	1.8.0	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: not reproducible
Crashes QGIS or corrupts data:	No	Copied to github as #: 16293
Description		
<p>I have a plugin for exporting maps as PNG images. I believe this code was working correctly within 1.6 (but I cannot guarantee I haven't made another change that would have broken it there, too).</p> <p>Basically, I load a set of base map features and then loop through a set of point layers that get applied and the whole thing is exported as an image. I'm not getting the full canvas at all, but only a single attribute loaded from the base map and nothing from the point layers. (bad result, expected result)</p> <p>In the process of debugging this, I discovered a curious fact. If I include a QMessageBox.information right before I do the export, it works correctly!</p> <p>Doesn't work:</p> <pre>self.mapCanvas.resize(QSize(394,350)) self.mapCanvas.zoomToFullExtent() currentImagePath = theExportPath + folder currentImageName = attribute.replace(' ', '_') + ".png" self.mapCanvas.saveAsImage(currentImagePath + "/" + currentImageName)</pre> <p>Does work:</p> <pre>self.mapCanvas.resize(QSize(394,350)) self.mapCanvas.zoomToFullExtent() QMessageBox.information(self.iface.mainWindow(), "Debug", "Break") currentImagePath = theExportPath + folder currentImageName = attribute.replace(' ', '_') + ".png" self.mapCanvas.saveAsImage(currentImagePath + "/" + currentImageName)</pre> <p>I tried to add a simple self.iface.mainWindow() in place of the message box but that didn't do the trick. I'm thinking there is some kind of refresh I could do, too, but I tried mapCanvas.refresh() and mapCanvas.updateMap() and these in combination with mainWindow() but could get nothing to work.</p> <p>Did this change in 1.8? Any suggestions to make it work? Including the QMessageBox call will get me going but I have to press "OK" for each map to be exported. With all the export combinations, I'd be doing this more than 1000 times!</p> <p>Thanks!</p> <p>B</p> <p>Reported as question at: http://gis.stackexchange.com/questions/52563/mapcanvas-saveasimage-not-functioning-as-expected-in-qgis-1-8</p>		

History

#1 - 2017-05-01 01:09 AM - Giovanni Manghi

- *Easy fix? set to No*
- *Regression? set to No*

#2 - 2018-03-01 12:24 PM - Giovanni Manghi

- *Status changed from Open to Feedback*

Please test with a recent QGIS release (2.18 or 3), if the issue/request is still valid change the affected version accordingly, if is fixed/implemented then close the ticket. Thanks!

#3 - 2018-08-23 07:43 PM - Giovanni Manghi

- *Resolution set to not reproducible*
- *Status changed from Feedback to Closed*
- *Description updated*

Closing for lack of feedback.