

QGIS Application - Bug report #3286

Qgis segfaults instantiating QgsComposition from python

2010-12-03 12:00 AM - Alessandro Pasotti

Status:	Closed	
Priority:	Low	
Assignee:	Marco Hugentobler	
Category:	Python plugins	
Affected QGIS version:		Regression?: No
Operating System:	Linux	Easy fix?: No
Pull Request or Patch supplied:		Resolution: invalid
Crashes QGIS or corrupts data:		Copied to github as #: 13346
Description		
crashes immediately after:		
composition = core.QgsComposition(render)		
Tested with trunk, 1.5 and 1.6		

History

#1 - 2010-12-03 07:24 AM - Marco Hugentobler

Hm, it does not crash for me here when repeating the steps.  
Could you try to replace line 30 in qgscomposition.sip with the following:

```
[[QgsComposition]]( [[QgsMapRenderer]]* mapRenderer /TransferThis/ );
```

Then please recompile QGIS, repeat your script and report back if it fixed the crash

#2 - 2010-12-03 09:06 AM - Alessandro Pasotti

Hi, I tested your patch but it still crashes. BTW I suspect it's a bug in QT and I found a way to make it work, it seems like QGraphicsScene (from which [[QgsComposition]] inherits, needs a QApplication instance, so this line needs to be added before the call to [[QgsComposition]] constructor.

```
app = [[QtGui]].QApplication(sys.argv, [[QtGui]].QApplication.Tty)
```

I thought having called [[QgsApplication]].initQgis would have been enough to have a QApplication instance.

You can probably close this bug.

#3 - 2010-12-04 06:00 AM - Martin Dobias

- Resolution set to invalid
- Status changed from Open to Closed

Indeed you have to construct a QApplication instance prior to doing any drawing. Closing the bug...

Files

qgis_crash.py	812 Bytes	2010-12-02	Alessandro Pasotti
qgis_crash.txt	2.47 KB	2010-12-02	Alessandro Pasotti