

QGIS Application - Bug report #4053

QGIS Globe crashes on launch

2011-07-06 12:54 PM - Tim Sutton

Status:	Closed	
Priority:	Normal	
Assignee:	Pirmin Kalberer	
Category:	C++ plugins/Globe	
Affected QGIS version:	master	Regression?: No
Operating System:	Ubuntu	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	Yes	Copied to github as #: 14039
Description		
When I launch the globe (current version : commit:1403f2c68b) I get a crash - see stack trace below. Crash occurred with both TMS (cache enabled) and with WorldWind. <pre>[osgEarth] [OSGTerrainEngine] Map profile established [osgEarth] [OSGTileFactory] Loading policy mode = STANDARD [osgEarth] [OSGTerrainEngine] Sample ratio = 1 [osgEarth] [TerrainLayer] Initializing tile source ... [osgEarth] [GDAL driver] Driver found 1 files: [osgEarth] [GDAL driver] /usr/local/share/qgis/globe/world.tif Program received signal SIGSEGV, Segmentation fault. 0x00007ffff29a45d1 in ?? () from /lib/x86_64-linux-gnu/libc.so.6 (gdb) bt #0 0x00007ffff29a45d1 in ?? () from /lib/x86_64-linux-gnu/libc.so.6 #1 0x00007ffff31efde0 in std::basic_string<char, std::char_traits<char>, std::allocator<char> >::basic_string(char const*, std::allocator<char> const&) () from /usr/lib/x86_64-linux-gnu/libstdc++.so.6 #2 0x00007ffffdb005dcd in GDALTileSource::initialize(std::basic_string<char, std::char_traits<char>, std::allocator<char> > const&, osgEarth::Profile const*) () from /usr/lib/osgPlugins-2.8.3/osgdb_osgearth_gdal.so #3 0x00007ffffd5337c2b in osgEarth::TerrainLayer::initTileSource() () from /usr/lib/libosgEarth.so.1 #4 0x00007ffffd52b5389 in osgEarth::ImageLayer::initTileSource() () from /usr/lib/libosgEarth.so.1 #5 0x00007ffffd533794f in osgEarth::TerrainLayer::getTileSource() const () from /usr/lib/libosgEarth.so.1 #6 0x00007ffffd52b7908 in osgEarth::ImageLayer::createImage(osgEarth::TileKey const&, osgEarth::ProgressCallback*) () from /usr/lib/libosgEarth.so.1 #7 0x00007ffffdb468c73 in OSGTileFactory::createPopulatedTile(osgEarth::MapFrame const&, CustomTerrain*, osgEarth::TileKey const&, bool, bool, bool&) () from /usr/lib/osgPlugins-2.8.3/osgdb_osgearth_engine_osgterrain.so #8 0x00007ffffdb46b5f6 in OSGTileFactory::createSubTiles(osgEarth::MapFrame const&, CustomTerrain*, osgEarth::TileKey const&, bool) () from /usr/lib/osgPlugins-2.8.3/osgdb_osgearth_engine_osgterrain.so #9 0x00007ffffdb4583b9 in OSGTerrainEngineNode::onMapInfoEstablished(osgEarth::MapInfo const&) () from /usr/lib/osgPlugins-2.8.3/osgdb_osgearth_engine_osgterrain.so #10 0x00007ffffdb45da4a in OSGTerrainEngineNode::postInitialize(osgEarth::Map const*, osgEarth::TerrainOptions const&) () from /usr/lib/osgPlugins-2.8.3/osgdb_osgearth_engine_osgterrain.so #11 0x00007ffffd52e0285 in osgEarth::MapNode::getTerrainEngine() const () from /usr/lib/libosgEarth.so.1 #12 0x00007ffffd52e0591 in osgEarth::MapNode::computeBound() const () from /usr/lib/libosgEarth.so.1 #13 0x00007ffffd5dbd952 in osg::Group::computeBound() const () from /usr/lib/libosg.so.65 #14 0x00007ffffd5a33054 in osgViewer::ViewerBase::renderingTraversals() () from /usr/lib/libosgViewer.so.65 #15 0x00007ffffd68fe9b9 in QgsOsgViewer::paintGL (this=0x1812030) at /home/timlinux/dev/cpp/Quantum-GIS/src/plugins/globe/qgsosgviewer.h:99</pre>		

```
#16 0x00007fffd65e51e0 in QGLWidget::glDraw() () from /usr/lib/libQtOpenGL.so.4
#17 0x00007fffd65e4b79 in QGLWidget::paintEvent(QPaintEvent*) () from /usr/lib/libQtOpenGL.so.4
#18 0x00007ffff533dc6a in QWidget::event(QEvent*) () from /usr/lib/libQtGui.so.4
#19 0x00007fffd65ea1b1 in QGLWidget::event(QEvent*) () from /usr/lib/libQtOpenGL.so.4
#20 0x00007ffff52ec9e4 in QApplicationPrivate::notify_helper(QObject*, QEvent*) () from /usr/lib/libQtGui.so.4
#21 0x00007ffff52f13aa in QApplication::notify(QObject*, QEvent*) () from /usr/lib/libQtGui.so.4
#22 0x00007ffff6fc6f7 in QgsApplication::notify (this=0x7fffffda50, receiver=0x1812160, event=0x7fffffcab0)
    at /home/timlinux/dev/cpp/Quantum-GIS/src/core/qgsapplication.cpp:124
#23 0x00007ffff5f2b49c in QCoreApplication::notifyInternal(QObject*, QEvent*) () from /usr/lib/libQtCore.so.4
#24 0x00007ffff533aabd in QWidgetPrivate::drawWidget(QPaintDevice*, QRegion const&, QPoint const&, int, QPainter*,
QWidgetBackingStore---Type <return> to continue, or q <return> to quit---
```

History

#1 - 2011-07-06 12:58 PM - Tim Sutton

- Assignee set to Pirmin Kalberer

#2 - 2011-12-02 03:12 AM - Giovanni Manghi

- Pull Request or Patch supplied set to No
- Operating System deleted (linux (ubuntu))
- OS version deleted (11.04 64bit)

Confirmed also on Windows when clicking "launch globe".

On linux I get

===

Warning: Object::connect: No such signal QgsGdalProvider::statusChanged(
QString) in

/home/paolo/build/qgis/Quantum-GIS/src/core/raster/qgsrasterlayer.cpp:2445
<class 'qgis.core.QgsRasterLayer'>

Warning: Application asked to unregister timer 0x63000012 which is not
registered in this thread. Fix application.

Warning: Could not find plugin to read objects from file
".osgearth_engine_osgterrain".

[osgEarth]* WARNING: Failed to load terrain engine driver for "osgterrain"

[osgEarth]* FAILED to create a terrain engine for this map
seg fault (core dumped)

#3 - 2011-12-02 03:43 AM - Pirmin Kalberer

The Windows crash doesn't seem related to the Linux crash. On Windows the osgterrain driver is not found.

#4 - 2011-12-23 12:19 PM - Giovanni Manghi

- Affected QGIS version set to master
- Crashes QGIS or corrupts data set to Yes

#5 - 2012-03-20 08:27 AM - Paolo Cavallini

Globe plugin is regularly crashing also my qgis (master, self packaged on debian, both testing and unstable):

```
warning: Can't read pathname for load map: Errore di input/output.  
[Thread debugging using libthread_db enabled]  
Using host libthread_db library "/lib/x86_64-linux-gnu/libthread_db.so.1".  
Core was generated by `/usr/bin/qgis.bin'.  
Program terminated with signal 11, Segmentation fault.  
#0 0x00007f5578d815f2 in ?? () from /lib/x86_64-linux-gnu/libc.so.6
```

On another machine, I get:

```
UnsupportedOperationException: GeometryGraph::add(Geometry &): unknown geometry type:  
N4geos4geom7PolygonE
```

ad infinitum, and I have to force quit.

#6 - 2012-10-05 09:30 AM - Pirmin Kalberer

- *Status changed from Open to Closed*

Crash on startup is solved in master branch