QGIS Application - Bug report #14369
Floating point exception (core dumped)

2016-02-24 01:10 AM - Sandro Santilli

Status:	Closed		
Priority:	Normal		
Assignee:			
Category:	Symbology		
Affected QGIS version:	master	**Regression?:**	No
Operating System:		**Easy fix?:**	No
Pull Request or Patch supplied:	No	**Resolution:**	
Crashes QGIS or corrupts data:	Yes	**Copied to github as #:**	22352

Description

While zooming in hard for debugging https://trac.osgeo.org/postgis/ticket/3464 (with TopoViewer), got fp exception on rendering

Core was generated by `output/bin/qgis'.

Program terminated with signal SIGFPE, Arithmetic exception.

#0 0x00007feb85e15869 in QHashData::nextNode(QHashData::Node*) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4

(gdb) bt

#0 0x00007feb85e15869 in QHashData::nextNode(QHashData::Node*) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4

#1 0x00007feb8679bdb9 in QHash<QString, QHashDummyValue>::const_iterator::operator++ (this=0x7fead77fe7b0) at /usr/include/qt4/QtCore/qhash.h:427

#2 0x00007feb8679acba in QSet<QString>::const_iterator::operator++ (this=0x7fead77fe7b0) at /usr/include/qt4/QtCore/qset.h:155

#3 0x00007feb86799b1f in QSet<QString>::toList (this=0x7feb87e203f8 <QgsMapRendererParallelJob::renderLayerStatic(LayerRenderJob&)::running>)
    at /usr/include/qt4/QtCore/qset.h:303

#4 0x00007feb868fd331 in QSet<QString>::values (this=0x7feb87e203f8 <QgsMapRendererParallelJob::renderLayerStatic(LayerRenderJob&)::running>)
    at /usr/include/qt4/QtCore/qset.h:232

#5 0x00007feb86dedad8 in QgsMapRendererParallelJob::renderLayerStatic (job=...)
    at /usr/src/qgis/qgis-master/src/core/qgsmaprendererparalleljob.cpp:274

#6 0x00007feb86df2a2a in QtConcurrent::FunctionWrapper1<void, LayerRenderJob&>::operator() (this=0x1a7fc58, u=...)
    at /usr/include/qt4/QtCore/qtconcurrentfunctionwrappers.h:86

#7 0x00007feb86df2526 in QtConcurrent::MapKernel<QList<LayerRenderJob>::iterator, QtConcurrent::FunctionWrapper1<void, LayerRenderJob&> >::runIteration (this=0x1a7fc20, it=...) at /usr/include/qt4/QtCore/qtconcurrentmapkernel.h:73

#8 0x00007feb86df2608 in QtConcurrent::MapKernel<QList<LayerRenderJob>::iterator, QtConcurrent::FunctionWrapper1<void, LayerRenderJob&> >::runIterations (this=0x1a7fc20, sequenceBeginIterator=..., beginIndex=0, endIndex=1) at /usr/include/qt4/QtCore/qtconcurrentmapkernel.h:82

#9 0x00007feb86df2ec1 in QtConcurrent::IterateKernel<QList<LayerRenderJob>::iterator, void>::forThreadFunction (this=0x1a7fc20)
    at /usr/include/qt4/QtCore/qtconcurrentiteratekernel.h:263

#10 0x00007feb86df28fa in QtConcurrent::IterateKernel<QList<LayerRenderJob>::iterator, void>::threadFunction (this=0x1a7fc20)
    at /usr/include/qt4/QtCore/qtconcurrentiteratekernel.h:225

#11 0x00007feb85dec005 in QtConcurrent::ThreadEngineBase::run() () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4

#12 0x00007feb85dedfee in ?? () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4

#13 0x00007feb85dfa32f in ?? () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4

#14 0x00007feb7debf182 in start_thread (arg=0x7fead77ff700) at pthread_create.c:312

#15 0x00007feb848e747d in clone () at ../sysdeps/unix/sysv/linux/x86_64/clone.S:111

Related issues:

Related to QGIS Application - Bug report # 14360: Failed ASSERT: "!running.co...   **Closed**   **2016-02-22**

Associated revisions

Revision 31c788d7 - 2016-02-25 05:14 AM - Martin Dobias

Fix rendering crash in debug mode (fixes #14369)   2/2

Introduced in b6de1971 due to the use of static variables in a function that is called from multiple threads.

Further changes to logging:

- also works when sequential rendering is used

- also works in release mode (to allow checking of rendering speed in normal QGIS release)

History

#1 - 2016-02-24 08:23 PM - Martin Dobias

- *Status changed from Open to Closed*

Fixed in changeset commit:"31c788d7f7cdbacb06c06b93cd3ba599e2fa29b8".