### QGIS Application - Bug report #14369

**Floating point exception (core dumped)**

| Status: | Closed |
| Priority: | Normal |
| Assignee: | Symbology |
| Affected QGIS version: | master |
| Operating System: | |
| Pull Request or Patch supplied: | |
| Crashes QGIS or corrupts data: | Yes |

**Description**

While zooming in hard for debugging [https://trac.osgeo.org/postgis/ticket/3464](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 0x00007feb8679bd9 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
    at /usr/include/qt4/QtCore/qset.h:303
#4 0x00007feb868fd331 in QSet<QString>::toList (this=0x7feb87e203f8 <QgsMapRendererParallelJob::renderLayerStatic(LayerRenderJob&)::running>) at /usr/include/qt4/QtCore/qset.h:303
    at /usr/include/qt4/QtCore/qset.h:232
#5 0x00007feb86d9dad8 in QgsMapRendererParallelJob::renderLayerStatic (job=...) at /usr/src/qgis/qgis-master/src/core/qgsmapprocessorparalleljob.cpp:274
#6 0x00007feb86f2a22a in QtConcurrent::FunctionWrapper1<void, LayerRenderJob&>::operator() (this=0x1a7fc58, u=...) at /usr/include/qt4/QtConcurrent/qtconcurrentfunctionwrappers.h:86
#7 0x00007feb86f2d526 in QtConcurrent::MapKernel<QList<LayerRenderJob>::iterator, QtConcurrent::FunctionWrapper1<void, LayerRenderJob&> >::runIteration (this=0x1a7fc20, it=...) at /usr/include/qt4/QtConcurrent/qtconcurrentmapkernel.h:73
#8 0x00007feb86fd2608 in QtConcurrent::MapKernel<QList<LayerRenderJob>::iterator, QtConcurrent::FunctionWrapper1<void, LayerRenderJob&> >::runIterations (this=0x1a7fc20, sequenceBeginIterator=..., beginIndex=0, endIndex=1) at /usr/include/qt4/QtConcurrent/qtconcurrentmapkernel.h:82
#9 0x00007feb86f2ec1 in QtConcurrent::IterateKernel<QList<LayerRenderJob>::iterator, void>::forThreadFunction (this=0x1a7fc20) at /usr/include/qt4/QtConcurrent/qtconcurrentiteratekernel.h:263
#10 0x00007feb86f2f0fa in QtConcurrent::IterateKernel<QList<LayerRenderJob>::iterator, void>::threadFunction (this=0x1a7fc20) at /usr/include/qt4/QtConcurrent/qtconcurrentiteratekernel.h:225
#11 0x00007feb85de0005 in QtConcurrent::ThreadEngineBase::run() () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#12 0x00007feb85defee2 in ?? () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#13 0x00007feb85d3a32f in ?? () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#14 0x00007feb7deb1f82 in start_thread (arg=0x7fead77f700) at pthread_create.c:312
#15 0x00007feb48e747d 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)

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:"31c788d7f7cddb06c06b93cd3ba599e2fa29b8".