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

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

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
<th>Regression?:</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
<td>Easy fix?:</td>
<td>No</td>
</tr>
<tr>
<td>Assignee:</td>
<td></td>
<td>Resolution:</td>
<td></td>
</tr>
<tr>
<td>Category:</td>
<td>Symbology</td>
<td>Affected QGIS version:</td>
<td>master</td>
</tr>
<tr>
<td>Regression?:</td>
<td>No</td>
<td>Operating System:</td>
<td></td>
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<tr>
<td>Pull Request or Patch supplied:</td>
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<tr>
<td>Crashes QGIS or corrupts data:</td>
<td>No</td>
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<td>No</td>
</tr>
</tbody>
</table>

**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.

```c
#0  0x00000000000000b5 in QHashData::nextNode(QHashData::Node*) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4 (gdb) bt
#0  0x00000000000000b5 in QHashData::nextNode(QHashData::Node*) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#1  0x00000000000002b9 in QHash<QString, QHashDummyValue>::const_iterator::operator++ (this=0x7fead77fe7b0) at /usr/include/qt4/QtCore/qhash.h:427
#2  0x00000000000002b9 in QSet<QString>::const_iterator::operator++ (this=0x7fead77fe7b0) at /usr/include/qt4/QtCore/qset.h:155
#3  0x00000000000002f8 in QSet<QString>::toList (this=0x7fead77fe7b0) at /usr/include/qt4/QtCore/qset.h:303
#4  0x00000000000002f8 in QSet<QString>::values (this=0x7fead77fe7b0) at /usr/include/qt4/QtCore/qset.h:232
#5  0x00000000000003f8 in QgsMapRendererParallelJob::renderLayerStatic (LayerRenderJob&::running) at /usr/include/qt4/QtCore/qcore.h:155
#6  0x00000000000003f8 in QgsMapRendererParallelJob::renderLayerStatic (LayerRenderJob&::running) at /usr/include/qt4/QtCore/qcore.h:155
#7  0x00000000000003f8 in QgsMapRendererParallelJob::renderLayerStatic (LayerRenderJob&::running) at /usr/include/qt4/QtCore/qcore.h:155
#8  0x00000000000003f8 in QgsMapRendererParallelJob::renderLayerStatic (LayerRenderJob&::running) at /usr/include/qt4/QtCore/qcore.h:155
#9  0x00000000000003f8 in QgsMapRendererParallelJob::renderLayerStatic (LayerRenderJob&::running) at /usr/include/qt4/QtCore/qcore.h:155
#10 0x00000000000003f8 in QgsMapRendererParallelJob::renderLayerStatic (LayerRenderJob&::running) at /usr/include/qt4/QtCore/qcore.h:155
#11 0x00000000000003f8 in QgsMapRendererParallelJob::renderLayerStatic (LayerRenderJob&::running) at /usr/include/qt4/QtCore/qcore.h:155
#12 0x00000000000003f8 in QgsMapRendererParallelJob::renderLayerStatic (LayerRenderJob&::running) at /usr/include/qt4/QtCore/qcore.h:155
#13 0x00000000000003f8 in QgsMapRendererParallelJob::renderLayerStatic (LayerRenderJob&::running) at /usr/include/qt4/QtCore/qcore.h:155
#14 0x00000000000003f8 in QgsMapRendererParallelJob::renderLayerStatic (LayerRenderJob&::running) at /usr/include/qt4/QtCore/qcore.h:155
#15 0x00000000000003f8 in QgsMapRendererParallelJob::renderLayerStatic (LayerRenderJob&::running) at /usr/include/qt4/QtCore/qcore.h:155
```

**Copied to github as #: 22352**

**2021-11-12**
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:"31c788d7717c7b8c0b6c06b93cd3ba599e2fa29b8".