

QGIS Application - Bug report #14008

Crash zooming to wide extent

2015-12-18 09:29 AM - Sandro Santilli

Status:	Closed	
Priority:	High	
Assignee:		
Category:	Map Canvas	
Affected QGIS version:	2.8.4	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: duplicate
Crashes QGIS or corrupts data:	Yes	Copied to github as #: 22021
Description		
Easy to reproduce with QuickWKT plugin (but it was spotted while trying to load a wide extent layer from PostGIS so this is not QuickWKT related): LINESTRING Enter the above WKT and load in canvas. QGIS 2.8.4 aborts with: <pre>src/core/qgsmrendererparalleljob.cpp: 211: (renderLayerStatic) [4ms] [thread:0x7fff5800a720] job 3dcd630 start qgis: /usr/src/qgis/qgis-2.8/src/core/qgsmrendererparalleljob.cpp:125: QgsPoint QgsMapToPixel::toMapPoint(double, double) const: Assertion `invertible' failed. src/core/qgsmrendererparalleljob.cpp: 231: (renderLayerStatic) [0ms] [thread:0x7fff5800a720] job 3dcd630 end [1 ms]</pre> Program received signal SIGABRT, Aborted. <pre>0x00007fffef476cc9 in Gl_raise (sig=sig@entry=6) at ../nptl/sysdeps/unix/sysv/linux/raise.c:56 56 ../nptl/sysdeps/unix/sysv/linux/raise.c: No such file or directory. (gdb) bt #0 0x00007fffef476cc9 in _Gl_raise (sig=sig@entry=6) at ../nptl/sysdeps/unix/sysv/linux/raise.c:56 #1 0x00007fffef47a0d8 in __Gl_abort () at abort.c:89 #2 0x00007fffef46fb86 in __assert_fail_base (fmt=0x7fff5c0830 "%s%s%s:%u: %s%sAssertion `%s' failed.\n", assertion=assertion@entry=0x7fff43d25af "invertible", file=file@entry=0x7fff43d2568 "/usr/src/qgis/qgis-2.8/src/core/qgsmrendererparalleljob.cpp", line=line@entry=125, function=function@entry=0x7fff43d2640 <QgsMapToPixel::toMapPoint(double, double) const::_PRETTY_FUNCTION> "QgsPoint QgsMapToPixel::toMapPoint(double, double) const") at assert.c:92 #3 0x00007fffef46fc32 in Glassert_fail (assertion=0x7fff43d25af "invertible", file=0x7fff43d2568 "/usr/src/qgis/qgis-2.8/src/core/qgsmrendererparalleljob.cpp", line=125, function=0x7fff43d2640 <QgsMapToPixel::toMapPoint(double, double) const::_PRETTY_FUNCTION__> "QgsPoint QgsMapToPixel::toMapPoint(double, double) const") at assert.c:101 #4 0x00007fff411b4e8 in QgsMapToPixel::toMapPoint (this=0x13e7ef8, x=741, y=467) at /usr/src/qgis/qgis-2.8/src/core/qgsmrendererparalleljob.cpp:125 #5 0x00007fff411b5b6 in QgsMapToPixel::toMapCoordinates (this=0x13e7ef8, p=...) at /usr/src/qgis/qgis-2.8/src/core/qgsmrendererparalleljob.cpp:137 #6 0x00007fff37d0c4f in QgsMapCanvas::mouseMoveEvent (this=0x13e7d30, e=0x7fffffc630) at /usr/src/qgis/qgis-2.8/src/gui/qgsmrendererparalleljob.cpp:1473 #7 0x00007fff1f3d645 in QWidget::event(QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4 #8 0x00007fff22df04e in QFrame::event(QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4 #9 0x00007fff24ea859 in QGraphicsView::viewportEvent(QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4</pre> I had the impression we fixed this already by refusing to set a non-invertible matrix ? Is this a regression or was it done in a later version ?		

PS: 2.8.4 is missing an entry in "Affected version"

History

#1 - 2015-12-18 09:49 AM - Sandro Santilli

Re-writing the input WKT as the redmine formatting eat part of it:

```
LINESTRING(1.64840917084758e+24 4.87237127e+24,1.64868022e+24 4.87287960745181e+24)
```

#2 - 2015-12-18 09:50 AM - Sandro Santilli

Master branch (commit:efaae1f, to become 2.14) is not affected.

#3 - 2015-12-20 12:35 AM - Giovanni Manghi

- *Affected QGIS version changed from 2.8.3 to 2.8.4*

#4 - 2015-12-26 02:01 PM - Bas Couwenberg

Isn't this the same issue as #12757?

Backporting the fix to release-2_8 should resolve this issue then.

#5 - 2015-12-28 03:52 AM - Sandro Santilli

- *Resolution set to duplicate*

- *Status changed from Open to Closed*

Confirmed, duplicate of #12757