

## QGIS Application - Bug report #14008

### Crash zooming to wide extent

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

<b>Status:</b>	Closed	
<b>Priority:</b>	High	
<b>Assignee:</b>		
<b>Category:</b>	Map Canvas	
<b>Affected QGIS version:</b>	2.8.4	<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b> duplicate
<b>Crashes QGIS or corrupts data:</b>	Yes	<b>Copied to github as #:</b> 22021
<b>Description</b>		
<p>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):</p> <p>LINESTRING</p> <p>Enter the above WKT and load in canvas. QGIS 2.8.4 aborts with:</p> <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> <p>Program received signal SIGABRT, Aborted.</p> <p>0x00007fffef476cc9 in <i>GI_raise (sig=sig@entry=6) at ../nptl/sysdeps/unix/sysv/linux/raise.c:56</i></p> <p>56 <i>../nptl/sysdeps/unix/sysv/linux/raise.c: No such file or directory.</i></p> <p>(gdb) bt</p> <pre>#0 0x00007fffef476cc9 in <i>GI_raise (sig=sig@entry=6) at ../nptl/sysdeps/unix/sysv/linux/raise.c:56</i> #1 0x00007fffef47a0d8 in <i>__GI_abort () at abort.c:89</i> #2 0x00007fffef46fb86 in <i>__assert_fail_base (fmt=0x7fffef5c0830 "%s%s%s:%s: %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 &lt;QgsMapToPixel::toMapPoint(double, double) const::_PRETTY_FUNCTION&gt; "QgsPoint QgsMapToPixel::toMapPoint(double, double) const") at assert.c:92</i> #3 0x00007fffef46fc32 in <i>GI_assert_fail (assertion=0x7fff43d25af "invertible", file=0x7fff43d2568 "/usr/src/qgis/qgis-2.8/src/core/qgsmrendererparalleljob.cpp", line=125, function=0x7fff43d2640 &lt;QgsMapToPixel::toMapPoint(double, double) const::_PRETTY_FUNCTION&gt; "QgsPoint QgsMapToPixel::toMapPoint(double, double) const") at assert.c:101</i> #4 0x00007fff411b4e8 in <i>QgsMapToPixel::toMapPoint (this=0x13e7ef8, x=741, y=467) at /usr/src/qgis/qgis-2.8/src/core/qgsmrendererparalleljob.cpp:125</i> #5 0x00007fff411b5b6 in <i>QgsMapToPixel::toMapCoordinates (this=0x13e7ef8, p=...) at /usr/src/qgis/qgis-2.8/src/core/qgsmrendererparalleljob.cpp:137</i> #6 0x00007fff37d0c4f in <i>QgsMapCanvas::mouseMoveEvent (this=0x13e7d30, e=0x7fffffc630) at /usr/src/qgis/qgis-2.8/src/gui/qgsmrendererparalleljob.cpp:1473</i> #7 0x00007fff1f3d645 in <i>QWidget::event(QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4</i> #8 0x00007fff22df04e in <i>QFrame::event(QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4</i> #9 0x00007fff24ea859 in <i>QGraphicsView::viewportEvent(QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4</i></pre> <p>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 ?</p>		

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

## History

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### #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