

QGIS Application - Bug report #9049

adding/editing layer feature crashes qgis master when OTF reprojection is enabled

2013-11-11 05:45 PM - Mathieu Pellerin - nIRV

Status: Closed	
Priority: Severe/Regression	
Assignee: Marco Hugentobler	
Category: Projection Support	
Affected QGIS version: master	Regression?: No
Operating System: Ubuntu 12.04 LTS	Easy fix?: No
Pull Request or Patch supplied: No	Resolution: fixed/implemented
Crashes QGIS or corrupts data: Yes	Copied to github as #: 17701
Description	
<p>Steps to reproduce:</p> <ol style="list-style-type: none">1. Create a new project2. Activate OTF reprojection, make sure the CRS is WGS 84 (EPSG:4326)3. Add a new vector polygon layer (memory layer will do just fine)4. Activate editing toggle for that layer5. Try to add a feature6. Instant boom crash <p>The same is true if you try to edit features (i.e. move feature and/or one node). That can't be more than a two weeks old crasher as I remember doing feature edits / additions under qgis master not so long ago. Setting priority to blocker.</p>	

History

#1 - 2013-11-12 03:07 PM - Giovanni Manghi

- Crashes QGIS or corrupts data changed from No to Yes

confirmed here

```
giovanni@sibirica ~ $ qgis
Warning: loading of qt translation failed [/usr/share/qt4/translations/qt_en_US]
Warning: Could not parse stylesheet of widget 0x1cd1ba0
QGIS died on signal 11 [Thread debugging using libthread_db enabled]
Using host libthread_db library "/lib/x86_64-linux-gnu/libthread_db.so.1".
[New Thread 0x7fca4d59e700 (LWP 7273)]
[New Thread 0x7fca4e697700 (LWP 7272)]
[New Thread 0x7fca59a8f700 (LWP 7264)]
0x00007fca818faccd in waitpid () from /lib/x86_64-linux-gnu/libc.so.6
[Current thread is 1 (Thread 0x7fca88b597c0 (LWP 7262))]
#0 0x00007fca818faccd in waitpid () from /lib/x86_64-linux-gnu/libc.so.6
No symbol table info available.
#1 0x00000000004efcb0 in qgisCrash(int) ()
No symbol table info available.
#2 <signal handler called>
No symbol table info available.
#3 0x00007fca8545778b in QgsCoordinateTransform::transform(QgsPoint, QgsCoordinateTransform::TransformDirection) const () from /usr/lib/libqgis_core.so.2.1.0
No symbol table info available.
#4 0x00007fca854eeb1e in QgsMapRenderer::mapToLayerCoordinates(QgsMapLayer*, QgsPoint) () from /usr/lib/libqgis_core.so.2.1.0
```

No symbol table info available.

#5 0x00007fca84f06a72 in QgsMapTool::toLayerCoordinates(QgsMapLayer*, QgsPoint const&) () from /usr/lib/libqgis_gui.so.2.1.0

No symbol table info available.

#6 0x00007fca84f06ac8 in QgsMapTool::toLayerCoordinates(QgsMapLayer*, QPoint const&) () from /usr/lib/libqgis_gui.so.2.1.0

No symbol table info available.

#7 0x00000000062f5c8 in QgsMapToolCapture::nextPoint(QPoint const&, QgsPoint&, QgsPoint&) ()

No symbol table info available.

#8 0x000000000630568 in QgsMapToolCapture::addVertex(QPoint const&) ()

No symbol table info available.

#9 0x00000000062aa2c in QgsMapToolAddFeature::canvasReleaseEvent(QMouseEvent*) ()

No symbol table info available.

#10 0x00007fca84f00983 in QgsMapCanvas::mouseReleaseEvent(QMouseEvent*) () from /usr/lib/libqgis_gui.so.2.1.0

No symbol table info available.

#11 0x00007fca838b4144 in QWidget::event(QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4

No symbol table info available.

#12 0x00007fca83c743b6 in QFrame::event(QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4

No symbol table info available.

#13 0x00007fca83e9eb2b in QGraphicsView::viewportEvent(QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4

No symbol table info available.

#14 0x00007fca844e1028 in QApplicationPrivate::sendThroughObjectEventFilters(QObject*, QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4

No symbol table info available.

#15 0x00007fca8386385f in QApplicationPrivate::notify_helper(QObject*, QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4

No symbol table info available.

#16 0x00007fca838690bf in QApplication::notify(QObject*, QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4

No symbol table info available.

#17 0x00007fca85441aa6 in QgsApplication::notify(QObject*, QEvent*) () from /usr/lib/libqgis_core.so.2.1.0

No symbol table info available.

#18 0x00007fca844e0e9c in QApplication::notifyInternal(QObject*, QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4

No symbol table info available.

#19 0x00007fca83864862 in QApplicationPrivate::sendMouseEvent(QWidget*, QMouseEvent*, QWidget*, QWidget*, QWidget**, QPoint<QWidget>&, bool) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4

No symbol table info available.

#20 0x00007fca838e3bf5 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4

No symbol table info available.

#21 0x00007fca838e2bae in QApplication::x11ProcessEvent(_XEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4

No symbol table info available.

#22 0x00007fca8390c0d2 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4

No symbol table info available.

#23 0x00007fca8039dd13 in g_main_context_dispatch () from /lib/x86_64-linux-gnu/libglib-2.0.so.0

No symbol table info available.

#24 0x00007fca8039e060 in ?? () from /lib/x86_64-linux-gnu/libglib-2.0.so.0

No symbol table info available.

#25 0x00007fca8039e124 in g_main_context_iteration () from /lib/x86_64-linux-gnu/libglib-2.0.so.0

No symbol table info available.

#26 0x00007fca845103bf in QEventDispatcherGlib::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4

No symbol table info available.

#27 0x00007fca8390bd5e in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4

No symbol table info available.

#28 0x00007fca844dfc82 in QEventLoop::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4

No symbol table info available.

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#29 0x00007fca844dfed7 in QEventLoop::exec(QFlags<QEventLoop::ProcessEventsFlag>) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
No symbol table info available.
#30 0x00007fca844e4f67 in QCoreApplication::exec() () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
No symbol table info available.
#31 0x00000000004ea9a6 in main ()
No symbol table info available.
gdb returned 0
Aborted (core dumped)
```

#2 - 2013-11-13 12:03 AM - Marco Hugentobler

- Assignee set to Marco Hugentobler

#3 - 2013-11-13 12:19 AM - Marco Hugentobler

- Status changed from Open to Feedback

Hm, does not crash here. What CRS (and what datum transform) do you assign to the newly created layer?

#4 - 2013-11-13 12:26 AM - Mathieu Pellerin - nIRV

Marco, here are my settings:

1. Project CRS: WGS84, OTF reprojection on
2. Newly created layer CRS: WGS84

I'm on a Linux machine, running latest master package (commit:891fa7c) offered by the qgis.org ppa.

#5 - 2013-11-13 12:45 AM - Giovanni Manghi

Marco Hugentobler wrote:

| *Hm, does not crash here. What CRS (and what datum transform) do you assign to the newly created layer?*

In the same environment as Mathieu I can replicate it all the time with the described steps (adding/editing a memory layer)

#6 - 2013-11-14 12:54 AM - Marco Hugentobler

I tried exactly those steps and cannot replicate here (today's master). Any special options that need to be set?

#7 - 2013-11-14 01:45 AM - Mathieu Pellerin - nIRV

Marco, are you running QGIS on windows or linux?

#8 - 2013-11-14 03:11 AM - Giovanni Manghi

Hi Mathieu,

this can be a plugin issue after all. I disabled all plugin but the "new memory layer" one and the crash is gone.

Please test.

#9 - 2013-11-15 05:25 AM - Mathieu Pellerin - nIRV

Giovanni, disabling all plugins doesn't bring me much luck over here, still crashing.

#10 - 2013-11-15 06:21 AM - Giovanni Manghi

this is weird, now I cannot replicate the issue anymore.

#11 - 2013-11-15 10:25 PM - Mathieu Pellerin - nIRV

- *Resolution set to fixed/implemented*

- *Status changed from Feedback to Closed*

The debian-nightly ppa had an update to its qgis master build with which I can't reproduce crash anymore. Looking into recent commits, I think Jurgen fixed this issue in commit 86b6c5bbdfe75c293e2b0b86c9d1ce2f484b7a9e (<https://issues.qgis.org/projects/quantum-gis/repository/revisions/86b6c5bbdfe75c293e2b0b86c9d1ce2f484b7a9e>).

Closing.