

QGIS Application - Bug report #7351

Crash with node tool when on the fly CRS transformation enabled

2013-03-13 05:59 PM - Nathan Woodrow

Status:	Closed							
Priority:	Severe/Regression							
Assignee:	Jürgen Fischer							
Category:	Digitising							
Affected QGIS version:	master	Regression?: No						
Operating System:	Ubuntu	Easy fix?: No						
Pull Request or Patch applied:	No	Resolution:						
Crashes QGIS or corrupts data:	Yes	Copied to github as #: 16328						
Description - Use node move tool on vector layer - Turn on raster layer - Forget to re-select node layer - Click on map - Crash								
Related issues: <table><tr><td>Related to QGIS Application - Bug report # 6567: QGIS Lisboa crashes when sel...</td><td>Closed</td><td>2012-10-24</td></tr><tr><td>Related to QGIS Application - Bug report # 7958: Crash when switch off a WMS ...</td><td>Closed</td><td>2013-05-31</td></tr></table>			Related to QGIS Application - Bug report # 6567: QGIS Lisboa crashes when sel...	Closed	2012-10-24	Related to QGIS Application - Bug report # 7958: Crash when switch off a WMS ...	Closed	2013-05-31
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Associated revisions

Revision c5e110d8 - 2013-07-08 01:37 PM - Jürgen Fischer

nodetool: track layer of selected feature instead of current layer (fixes #7351)

History

#1 - 2013-03-13 06:25 PM - Salvatore Larosa

Hi Nathan,

I can't reproduce here, Linux and QGIS master.

I suppose it occurs on Windows machine.

#2 - 2013-03-19 09:23 AM - Regis Haubourg

Confirmed here on Widows 7 and revision 32de07d..

#3 - 2013-04-02 06:07 AM - Borys Jurgiel

Confirmed on Linux/master, only when OTFR enabled:

- 1) Add a vector and a raster layer, ENABLE OTFR
- 2) Activate the edit mode, then the node tool and SELECT ANY FEATURE
- 3) Choose the raster layer in TOC. Edit tools become grayed, but the mouse cursor is still cross.
- 4) Click wherever on the map -> crash

The crash doesn't happen with OTFR disabled.

The crash doesn't happen until one of features is in edit node mode.

#4 - 2013-04-02 07:16 AM - Filipe Dias

See #6567

#5 - 2013-04-02 08:39 AM - Salvatore Larosa

- Subject changed from *Crash with node tool when raster enabled* to *Crash with node tool when on the fly CRS transformation enabled*
- *Crashes QGIS or corrupts data* changed from *No* to *Yes*
- Category changed from *Rasters* to *Digitising*
- File *nodetool.png* added

ok, with the above steps I can confirm it.

it is not needs to load a raster layer.

Program received signal SIGSEGV, Segmentation fault.

0x00007ffff4a6cbbc in QgsCoordinateTransform::transform (this=0x0, thePoint=...,
direction=QgsCoordinateTransform::ReverseTransform)

at /home/sam/pacchetti_gis/Quantum-GIS/src/core/qgscoordinatetransform.cpp:226

226 if (mShortCircuit || !mInitialisedFlag)

(gdb) bt

#0 0x00007ffff4a6cbbc in QgsCoordinateTransform::transform (this=0x0, thePoint=...,
direction=QgsCoordinateTransform::ReverseTransform)

at /home/sam/pacchetti_gis/Quantum-GIS/src/core/qgscoordinatetransform.cpp:226

#1 0x00007ffff4b0924f in QgsMapRenderer::mapToLayerCoordinates (this=0x113dd50, theLayer=0x0,
point=...) at /home/sam/pacchetti_gis/Quantum-GIS/src/core/qgsmaprender.cpp:849

#2 0x00007ffff4397f2f in QgsMapTool::toLayerCoordinates (this=0x10f9500, layer=0x0, point=...)
at /home/sam/pacchetti_gis/Quantum-GIS/src/gui/qgsmaptool.cpp:50

#3 0x00007ffff4397ea6 in QgsMapTool::toLayerCoordinates (this=0x10f9500, layer=0x0, point=...)
at /home/sam/pacchetti_gis/Quantum-GIS/src/gui/qgsmaptool.cpp:45

#4 0x00000000006e2b5f in QgsMapToolNodeTool::canvasPressEvent (this=0x10f9500, e=0x7ffffffcc10)
at /home/sam/pacchetti_gis/Quantum-GIS/src/app/nodetool/qgsmaptoolnodetool.cpp:373

#5 0x00007ffff438cd51 in QgsMapCanvas::mousePressEvent (this=0x1094280, e=0x7ffffffcc10)
at /home/sam/pacchetti_gis/Quantum-GIS/src/gui/qgsmapcanvas.cpp:954

#6 0x00007ffff2a5f2b3 in QWidget::event(QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4

#7 0x00007ffff2e09d36 in QFrame::event(QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4

#8 0x00007ffff302237b in QGraphicsView::viewportEvent(QEvent*) ()
from /usr/lib/x86_64-linux-gnu/libQtGui.so.4

#9 0x00007ffff3665cc6 in QApplicationPrivate::sendThroughObjectEventFilters(QObject*, QEvent*)
() from /usr/lib/x86_64-linux-gnu/libQtCore.so.4

#10 0x00007ffff2a0f6dc in QApplicationPrivate::notify_helper(QObject*, QEvent*) ()
from /usr/lib/x86_64-linux-gnu/libQtGui.so.4

#11 0x00007ffff2a143eb in QApplication::notify(QObject*, QEvent*) ()
from /usr/lib/x86_64-linux-gnu/libQtGui.so.4

#12 0x00007ffff4a59d90 in QgsApplication::notify (this=0x7ffffffd940, receiver=0x10aa030, event=
0x7ffffffcc10) at /home/sam/pacchetti_gis/Quantum-GIS/src/core/qgsapplication.cpp:237

#13 0x00007ffff3665b5e in QApplication::notifyInternal(QObject*, QEvent*) ()
from /usr/lib/x86_64-linux-gnu/libQtCore.so.4

#14 0x00007ffff2a1054b in QApplicationPrivate::sendMouseEvent(QWidget*, QMouseEvent*, QWidget*, QWidget*, QWidget**,

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QPointer<QWidget>&, bool) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#15 0x00007ffff2a8afc4 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#16 0x00007ffff2a89d51 in QApplication::x11ProcessEvent(_XEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#17 0x00007ffff2ab0bc2 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#18 0x00007ffffeeed355 in g_main_context_dispatch () from /lib/x86_64-linux-gnu/libglib-2.0.so.0
#19 0x00007ffffeeed688 in ?? () from /lib/x86_64-linux-gnu/libglib-2.0.so.0
#20 0x00007ffffeeed744 in g_main_context_iteration () from /lib/x86_64-linux-gnu/libglib-2.0.so.0
#21 0x00007ffff3694276 in QEventDispatcherGlib::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from
    /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#22 0x00007ffff2ab083e in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#23 0x00007ffff36648af in QEventLoop::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) ()
    from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#24 0x00007ffff3664b38 in QEventLoop::exec(QFlags<QEventLoop::ProcessEventsFlag>) ()
    from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#25 0x00007ffff3669cf8 in QCoreApplication::exec() () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#26 0x0000000000550175 in main (argc=1, argv=0x7fffffe398)
    at /home/sam/pacchetti_gis/Quantum-GIS/src/app/main.cpp:914
```

Also, the nodes have shifted (see image)

#6 - 2013-06-01 04:02 PM - Giovanni Manghi

see also #7958

#7 - 2013-07-01 03:41 PM - Salvatore Larosa

more info:

maybe backtrace with locals variables helps: <http://codepad.org/iiWFniqY>

#8 - 2013-07-08 02:29 AM - Jürgen Fischer

- Assignee set to Jürgen Fischer

#9 - 2013-07-08 04:38 AM - Jürgen Fischer

- Status changed from Open to Closed

Fixed in changeset commit:"c5e110d8f5c84f9c67ef7036f18859ff939c4604".

Files

nodetool.png	20.6 KB	2013-04-02	Salvatore Larosa
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