

QGIS Application - Bug report #6418

Crash when zooming on a polyline memory layer with markers placed "on central point"

2012-09-26 05:04 PM - Alister Hood

Status: Closed	
Priority: High	
Assignee:	
Category: Symbology	
Affected QGIS version: master	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied: No	Resolution: fixed
Crashes QGIS or corrupts data: Yes	Copied to github as #: 15667
Description	
<p>- Create a memory layer with some polylines using the "edit any layer" plugin, or using the "new memory layer" plugin and the digitising tools.</p> <p>- Assign a "marker line" style to the layer. Set the "marker placement" to "on central point".</p> <p>- Zoom in on the layer.</p> <p>When you zoom in far enough, QGIS will crash, with no error message or debug output.</p> <p>There is no crash if a shape file is used instead of a memory layer. There is no crash if the marker is not placed "on central point".</p> <p>Tested on Windows and Linux with QGIS master.</p>	

History

#1 - 2012-09-27 01:05 AM - Giovanni Manghi

- Crashes QGIS or corrupts data changed from No to Yes
- Status changed from Open to Feedback

What QGIS version? What platform?

#2 - 2012-09-27 02:27 PM - Alister Hood

- Operating System set to Windows

Master on Windows. I haven't tested on Linux yet.

#3 - 2012-09-28 01:42 AM - Alister Hood

- Operating System deleted (Windows)

Crashes on Linux, too:

```
SINGLE: LINE SYMBOL (1 layers) color 255,0,0,255
Debug: src/core/qgspallabeling.cpp: 1062: (prepareLayer) PREPARE LAYER
```

```
Program received signal SIGSEGV, Segmentation fault.
0xb58465e6 in QgsMarkerLineStyleV2::renderPolylineCentral(QPolygonF const&, QgsSymbolV2RenderContext&) () from
/usr/lib/libqgis_core.so.1.9.0
(gdb) bt
```

```

#0 0xb58465e6 in QgsMarkerLineSymbolLayerV2::renderPolylineCentral(QPolygonF const&, QgsSymbolV2RenderContext&) () from
/usr/lib/libqgis_core.so.1.9.0
#1 0xb58488bd in QgsMarkerLineSymbolLayerV2::renderPolyline(QPolygonF const&, QgsSymbolV2RenderContext&) () from
/usr/lib/libqgis_core.so.1.9.0
#2 0xb5824736 in QgsLineSymbolV2::renderPolyline(QPolygonF const&, QgsFeature const*, QgsRenderContext&, int, bool) () from
/usr/lib/libqgis_core.so.1.9.0
#3 0xb586f0e6 in QgsFeatureRendererV2::renderFeatureWithSymbol(QgsFeature&, QgsSymbolV2*, QgsRenderContext&, int, bool, bool) ()
from /usr/lib/libqgis_core.so.1.9.0
#4 0xb586f399 in QgsFeatureRendererV2::renderFeature(QgsFeature&, QgsRenderContext&, int, bool, bool) () from /usr/lib/libqgis_core.so.1.9.0
#5 0xb5a0a1ea in QgsVectorLayer::drawRendererV2(QgsRenderContext&, bool) ()
from /usr/lib/libqgis_core.so.1.9.0
#6 0xb5a19169 in QgsVectorLayer::draw(QgsRenderContext&) ()
from /usr/lib/libqgis_core.so.1.9.0
#7 0xad3eb18 in sipQgsVectorLayer::draw(QgsRenderContext&) ()
from /usr/share/qgis/python/qgis/core.so
#8 0xb597b3a1 in QgsMapRenderer::render(QPainter*, double*) ()
from /usr/lib/libqgis_core.so.1.9.0
#9 0xb55be009 in QgsMapCanvasMap::render() ()
from /usr/lib/libqgis_gui.so.1.9.0
#10 0xb55b6f7f in QgsMapCanvas::refresh() () from /usr/lib/libqgis_gui.so.1.9.0
#11 0xb55bba6a in QgsMapCanvas::wheelEvent(QWheelEvent*) ()
---Type <return> to continue, or q <return> to quit---
from /usr/lib/libqgis_gui.so.1.9.0
#12 0xb444db8b in QWidget::event(QEvent*) () from /usr/lib/libQtGui.so.4
#13 0xb4859595 in QFrame::event(QEvent*) () from /usr/lib/libQtGui.so.4
#14 0xb48e9e13 in QAbstractScrollArea::viewportEvent(QEvent*) ()
from /usr/lib/libQtGui.so.4
#15 0xb4ab021c in QGraphicsView::viewportEvent(QEvent*) ()
from /usr/lib/libQtGui.so.4
#16 0xb48ec606 in ?? () from /usr/lib/libQtGui.so.4
#17 0xb4efad7e in QApplicationPrivate::sendThroughObjectEventFilters(QObject*, QEvent*) () from /usr/lib/libQtCore.so.4
#18 0xb43f4f2d in QApplicationPrivate::notify_helper(QObject*, QEvent*) ()
from /usr/lib/libQtGui.so.4
#19 0xb43fa099 in QApplication::notify(QObject*, QEvent*) ()
from /usr/lib/libQtGui.so.4
#20 0xb58ddb1 in QgsApplication::notify(QObject*, QEvent*) ()
from /usr/lib/libqgis_core.so.1.9.0
#21 0xb4efac0e in QApplication::notifyInternal(QObject*, QEvent*) ()
from /usr/lib/libQtCore.so.4
#22 0xb446b4fe in ?? () from /usr/lib/libQtGui.so.4
#23 0xb447e399 in ?? () from /usr/lib/libQtGui.so.4
#24 0xb447cda3 in QApplication::x11ProcessEvent(_XEvent*) ()
from /usr/lib/libQtGui.so.4
#25 0xb44a6344 in ?? () from /usr/lib/libQtGui.so.4
---Type <return> to continue, or q <return> to quit---
#26 0xb3a696e3 in g_main_context_dispatch () from /usr/lib/libglib-2.0.so.0
#27 0xb3a69a80 in g_main_context_iterate.isra.21 ()
from /usr/lib/libglib-2.0.so.0
#28 0xb3a69b61 in g_main_context_iteration () from /usr/lib/libglib-2.0.so.0
#29 0xb4f2ca21 in QEventDispatcherGlib::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from /usr/lib/libQtCore.so.4
#30 0xb44a5f2a in ?? () from /usr/lib/libQtGui.so.4
#31 0xb4ef96ec in QEventLoop::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from /usr/lib/libQtCore.so.4
#32 0xb4ef99e1 in QEventLoop::exec(QFlags<QEventLoop::ProcessEventsFlag>) ()

```

from /usr/lib/libQtCore.so.4
#33 0xb4efec7a in QCoreApplication::exec() () from /usr/lib/libQtCore.so.4
#34 0xb43f2de4 in QApplication::exec() () from /usr/lib/libQtGui.so.4
#35 0x08103346 in main ()

#4 - 2012-10-06 08:27 AM - Giovanni Manghi

- *Category set to 83*
- *Target version set to Version 2.0.0*
- *Status changed from Feedback to Open*

#5 - 2012-12-30 09:46 AM - Giovanni Manghi

- *Priority changed from Normal to High*

#6 - 2013-06-02 07:24 AM - Giovanni Manghi

- *Resolution set to fixed*
- *Status changed from Open to Closed*

this seems fixed in master, reopen if necessary.