

QGIS Application - Bug report #10433

QGIS master crashes when changing symbology

2014-06-03 07:37 AM - Giovanni Manghi

Status:	Closed	
Priority:	Severe/Regression	
Assignee:		
Category:	Symbology	
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 #: 18847
Description		
New description:		
Tested on master on both Windows and Linux.		
open this project made by Anita		
https://drive.google.com/folderview?id=0Bwc-5JFVTnflZkZOM3Y0Um9jOHc&#38;usp=sharing		
and change the symbology of the layer called "multipolygons" from rule base to single symbol.		
Warning: loading of qt translation failed [/usr/share/qt4/translations/qt_en_US]		
Warning: QGraphicsScene::addItem: item has already been added to this scene		
Warning: Loading a file that was saved with an older version of qgis (saved in 2.2.0-Valmiera, loaded in 2.3.0-Master). Problems may occur.		
GEOS warning: Self-intersection at or near point 909073.26522309636 2095815.8060115243		
GEOS warning: Self-intersection at or near point 894426.06581488054 2106069.5337721412		
GEOS warning: Self-intersection at or near point 911802.96876037633 2097406.9191287858		
GEOS warning: Self-intersection at or near point 886000.99198600953 2103401.9818586209		
GEOS warning: Self-intersection at or near point 903585.20140240563 2106595.1749260328		
GEOS warning: Self-intersection at or near point 901442.37412997242 2111237.8998332215		
GEOS warning: Self-intersection at or near point 885841.28308399534 2106802.8968520272		
GEOS warning: Self-intersection at or near point 911496.03897989483 2104540.8620339474		
Warning 1: Self-intersection at or near point 909073.26522309636 2095815.8060115243		
Warning 1: Self-intersection at or near point 895919.72984419554 2108386.8331643334		
Warning 1: Hole lies outside shell at or near point 893127.41395432595 2105139.0571857253		
Warning 1: Self-intersection at or near point 892442.88174356392 2108032.0911134644		
Warning 1: Self-intersection at or near point 895180.78947957687 2109404.8558567865		
Warning 1: Self-intersection at or near point 894426.06581488054 2106069.5337721412		
ERROR 1: Shell is not a LinearRing		
ERROR 1: IllegalArgumentException: geometries must not contain null elements		
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 0x7fde427fc700 (LWP 10803)]		
[New Thread 0x7fde49d75700 (LWP 10796)]		
[New Thread 0x7fdeacd03700 (LWP 10788)]		
[New Thread 0x7fdead61c700 (LWP 10787)]		
0x00007fdec8de1a43 in poll () from /lib/x86_64-linux-gnu/libc.so.6		
[Current thread is 1 (Thread 0x7fded00a67c0 (LWP 10786))]		

#0 0x00007fdec8de1a43 in poll () from /lib/x86_64-linux-gnu/libc.so.6
No symbol table info available.

#1 0x00007fdec785bff6 in ?? () from /lib/x86_64-linux-gnu/libglib-2.0.so.0
No symbol table info available.

#2 0x00007fdec785c124 in g_main_context_iteration () from /lib/x86_64-linux-gnu/libglib-2.0.so.0
No symbol table info available.

#3 0x00007fdecb9ef3bf in QEventDispatcherGlib::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
No symbol table info available.

#4 0x00007fdecadead9e in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
No symbol table info available.

#5 0x00007fdecb9bec82 in QEventLoop::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
No symbol table info available.

#6 0x00007fdecb9beed7 in QEventLoop::exec(QFlags<QEventLoop::ProcessEventsFlag>) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
No symbol table info available.

#7 0x00007fdecb212976 in QDialog::exec() () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
No symbol table info available.

#8 0x000000000052234b in QgisApp::showLayerProperties(QgsMapLayer*) ()
No symbol table info available.

#9 0x00000000005226f4 in QgisApp::layerTreeViewDoubleClicked(QModelIndex const&) ()
No symbol table info available.

#10 0x00000000007f5efe in ?? ()
No symbol table info available.

#11 0x00007fdecb9d4281 in QMetaObject::activate(QObject*, QMetaObject const*, int, void**) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
No symbol table info available.

#12 0x00007fdecb268b15 in QAbstractItemView::doubleClicked(QModelIndex const&) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
No symbol table info available.

#13 0x00007fdecb2b4ee5 in QTreeView::mouseDoubleClickEvent(QMouseEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
No symbol table info available.

#14 0x00007fdecad9315e in QWidget::event(QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
No symbol table info available.

#15 0x00007fdecb1533f6 in QFrame::event(QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
No symbol table info available.

#16 0x00007fdecb2678db in QAbstractItemView::viewportEvent(QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
No symbol table info available.

#17 0x00007fdecb2af4f5 in QTreeView::viewportEvent(QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
No symbol table info available.

#18 0x00007fdecb9c0028 in QCoreApplicationPrivate::sendThroughObjectEventFilters(QObject*, QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
No symbol table info available.

#19 0x00007fdecad4285f in QApplicationPrivate::notify_helper(QObject*, QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
No symbol table info available.

#20 0x00007fdecad480bf in QApplication::notify(QObject*, QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
No symbol table info available.

#21 0x00007fdecca4bfb6 in QgsApplication::notify(QObject*, QEvent*) () from /usr/lib/libqgis_core.so.2.3.0
No symbol table info available.

#22 0x00007fdecb9bfe9c in QCoreApplication::notifyInternal(QObject*, QEvent*) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
No symbol table info available.

#23 0x00007fdecad43862 in QApplicationPrivate::sendMouseEvent(QWidget*, QMouseEvent*, QWidget*, QWidget*,

```

QWidget**, QPointer<QWidget>&, bool) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
No symbol table info available.
#24 0x00007fdecadc2c35 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
No symbol table info available.
#25 0x00007fdecadc1bee in QApplication::x11ProcessEvent(_XEvent*) () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
No symbol table info available.
#26 0x00007fdecadeb112 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
No symbol table info available.
#27 0x00007fdec785bd13 in g_main_context_dispatch () from /lib/x86_64-linux-gnu/libglib-2.0.so.0
No symbol table info available.
#28 0x00007fdec785c060 in ?? () from /lib/x86_64-linux-gnu/libglib-2.0.so.0
No symbol table info available.
#29 0x00007fdec785c124 in g_main_context_iteration () from /lib/x86_64-linux-gnu/libglib-2.0.so.0
No symbol table info available.
#30 0x00007fdecb9ef3bf in QEventDispatcherGlib::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from
/usr/lib/x86_64-linux-gnu/libQtCore.so.4
No symbol table info available.
#31 0x00007fdecadead9e in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
No symbol table info available.
#32 0x00007fdecb9bec82 in QEventLoop::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from
/usr/lib/x86_64-linux-gnu/libQtCore.so.4
No symbol table info available.
#33 0x00007fdecb9beed7 in QEventLoop::exec(QFlags<QEventLoop::ProcessEventsFlag>) () from
/usr/lib/x86_64-linux-gnu/libQtCore.so.4
No symbol table info available.
#34 0x00007fdecb9c3f67 in QCoreApplication::exec() () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
No symbol table info available.
#35 0x00000000004ee9c1 in main ()
No symbol table info available.
gdb returned 0
Aborted (core dumped)

```

Related issues:

Related to QGIS Application - Bug report # 10471: Segmentation fault while zo...

Closed

2014-06-05

History

#1 - 2014-06-03 08:15 AM - Giovanni Manghi

it is crashing also after changing symbology in a layer (after pressing ok).

```

giovanni@sibirica ~/Desktop $ qgis
Warning: loading of qt translation failed [/usr/share/qt4/translations/qt_en_US]
Warning: QGraphicsScene::addItem: item has already been added to this scene
QThreadPool max thread count is 4
QThreadPool max thread count is 4
QThreadPool max thread count is 4
Warning 1: Self-intersection at or near point 909073.26522309636 2095815.8060115243
Warning 1: Self-intersection at or near point 894425.67899839859 2106069.6896457747
Warning 1: Self-intersection at or near point 910038.62257963687 2106384.4722659425
Warning 1: Self-intersection at or near point 911802.96876037633 2097406.9191287858
Warning 1: Self-intersection at or near point 886001.26849474746 2103403.8539990629
Warning 1: Self-intersection at or near point 901442.37412997242 2111237.8998332215

```

Warning 1: Self-intersection at or near point 885827.59540668118 2107037.3921310552
Warning 1: Self-intersection at or near point 911496.03897989483 2104540.8620339474
Warning 1: Self-intersection at or near point 895463.00483970519 2111035.8812654032
QThreadPool max thread count is 4
Warning 1: Self-intersection at or near point 894508.44024130236 2108704.4571052287
Warning 1: Self-intersection at or near point 894554.86521905288 2107942.235149838
Warning 1: Self-intersection at or near point 909073.26522309636 2095815.8060115243
Warning 1: Self-intersection at or near point 894425.67899839859 2106069.6896457747
Warning 1: Self-intersection at or near point 909079.75457222934 2105974.2554204217
ERROR 1: Shell is not a LinearRing
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 0x7eff637fe700 (LWP 12555)]
[New Thread 0x7eff63fff700 (LWP 12554)]
[New Thread 0x7eff708fc700 (LWP 12553)]
[New Thread 0x7eff7d83e700 (LWP 12552)]
[New Thread 0x7eff7e89d700 (LWP 12548)]
[New Thread 0x7effcb90d700 (LWP 12546)]
[New Thread 0x7effcc226700 (LWP 12545)]
0x00007effe79eba43 in poll () from /lib/x86_64-linux-gnu/libc.so.6
[Current thread is 1 (Thread 0x7effeefb67c0 (LWP 12544))]
#0 0x00007effe79eba43 in poll () from /lib/x86_64-linux-gnu/libc.so.6
No symbol table info available.
#1 0x00007effe6248ff6 in ?? () from /lib/x86_64-linux-gnu/libglib-2.0.so.0
No symbol table info available.
#2 0x00007effe6249124 in g_main_context_iteration () from /lib/x86_64-linux-gnu/libglib-2.0.so.0
No symbol table info available.
#3 0x00007effea5f93bf in QEventDispatcherGlib::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
No symbol table info available.
#4 0x00007effe99f4d9e in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
No symbol table info available.
#5 0x00007effea5c8c82 in QEventLoop::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
No symbol table info available.
#6 0x00007effea5c8ed7 in QEventLoop::exec(QFlags<QEventLoop::ProcessEventsFlag>) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
No symbol table info available.
#7 0x00007effea5cdf67 in QApplication::exec() () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
No symbol table info available.
#8 0x0000000000560206 in main ()
No symbol table info available.
gdb returned 0
Aborted (core dumped)

#2 - 2014-06-03 08:16 AM - Giovanni Manghi

Giovanni Manghi wrote:

it is crashing also after changing symbology in a layer (after pressing ok).

on Windows too

#3 - 2014-06-03 08:16 AM - Giovanni Manghi

- *Crashes QGIS or corrupts data changed from No to Yes*

#4 - 2014-06-03 09:30 PM - Martin Dobias

Cannot confirm the crashes (ubuntu 14.04, self-compiled)

#5 - 2014-06-04 12:20 AM - Giovanni Manghi

Martin Dobias wrote:

| *Cannot confirm the crashes (ubuntu 14.04, self-compiled)*

I have this issue only on ubuntu 12.04 (installed from the nightly build repo on top of ubuntu 12.04), so it may be an issue specific to this platform version.

Anyway I can confirm the crash (on Windows and ubuntu 14.04) when changing symbology :

open this project made by Anita

<https://drive.google.com/folderview?id=0Bwc-5JFVTnflZkZOM3Y0Um9jOHc&usp=sharing>

and change the symbology of the layer called "multipolygons" from rule base to single symbol.

#6 - 2014-06-09 06:28 AM - Giovanni Manghi

- *Subject changed from QGIS master crashes (on Ubuntu) when clicking "Ok" in general options to QGIS master crashes when changing symbology*
- *Category set to Symbology*

#7 - 2014-06-10 06:42 AM - Martin Dobias

I can replicate the issue after changing the symbology to single symbol renderer.

Seems to be related to labeling.

By disabling the changes in qgspallabeling.cpp introduced with #9655 the crashes seem to go away.

#8 - 2014-06-10 07:52 AM - Giovanni Manghi

| *Seems to be related to labeling.*

disabling the labels on the "multipolygons" layer and then changing the style does not crash anymore.

So it seems that this can be closed in favor of a new one about the specific label issue.

#9 - 2014-06-10 05:13 PM - Alvaro Huarte

- *Pull Request or Patch supplied changed from No to Yes*

Hi, the layer has many invalid or empty multipolygons (e.g. Fid=132), the simplification of empty geometries had a bug.

This PR (<https://github.com/qgis/QGIS/pull/1442>) fixes it.

Best Regards

#10 - 2014-06-10 10:14 PM - Martin Dobias

- *Status changed from Open to Closed*

Fixed by Alvaro in commit:f520f312390d93f55588e92859856705bea78f5e