

QGIS Application - Bug report #14988

style dock: QGIS dies when switching back and forth between symbology and other panels

2016-06-08 08:12 PM - Mathieu Pellerin - nIRV

Status: Closed	
Priority: Severe/Regression	
Assignee: Nathan Woodrow	
Category: Unknown	
Affected QGIS version: master	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied: No	Resolution: fixed/implemented
Crashes QGIS or corrupts data: Yes	Copied to github as #: 22936

Description

Steps to reproduce:

1. Create a new QGIS project
2. Open the style dock panel
3. Add a vector layer
4. Switch the style dock panel to label
5. Switch the style dock panel back to symbology
6. **boom** QGIS dies

GDB output:

```
#0 QMutex::lock (this=this@entry=0xb298338) at thread/qmutex.cpp:153
#1 0x00007ffff59a6849 in QCoreApplication::postEvent (receiver=0xb530a70, event=0xbf6e7d0, priority=0)
    at kernel/qcoreapplication.cpp:1360
#2 0x00007ffff7743f96 in QgsMapStylingWidget::updateCurrentWidgetLayer (this=0x172f710)
    at ../src/app/qgsmapstylingwidget.cpp:281
#3 0x00007ffff799be87 in QgsMapStylingWidget::qt_static_metacall (_o=0x172f710, _c=QMetaObject::InvokeMetaMethod,
    _id=6,
    _a=0x7fffffbff0) at src/app/moc_qgsmapstylingwidget.cxx:68
#4 0x00007ffff59b7010 in QMetaObject::activate (sender=sender@entry=0x17345c0,
    m=m@entry=0x7ffff57f9000 <QListWidget::staticMetaObject>, local_signal_index=local_signal_index@entry=8,
    argv=argv@entry=0x7fffffbff0) at kernel/qobject.cpp:3567
#5 0x00007ffff528c7c1 in QListWidget::currentRowChanged (this=this@entry=0x17345c0, _t1=0)
    at .moc/release-shared/moc_qlistwidget.cpp:260
#6 0x00007ffff528c904 in QListWidgetPrivate::_q_emitCurrentItemChanged (this=0x173a510, current=..., previous=...)
    at itemviews/qlistwidget.cpp:1121
#7 0x00007ffff59b7010 in QMetaObject::activate (sender=sender@entry=0x17390f0,
    m=m@entry=0x7ffff57f8900 <QItemSelectionModel::staticMetaObject>, local_signal_index=local_signal_index@entry=1,
    argv=argv@entry=0x7ffffbfc180) at kernel/qobject.cpp:3567
#8 0x00007ffff527a1ca in QItemSelectionModel::currentChanged (this=this@entry=0x17390f0, _t1=..., _t2=...)
    at .moc/release-shared/moc_qitemselectionmodel.cpp:172
#9 0x00007ffff527a33f in QItemSelectionModel::setCurrentIndex (this=0x17390f0, index=..., command=...)
    at itemviews/qitemselectionmodel.cpp:1175
#10 0x00007ffff52284cc in QAbstractItemView::mousePressEvent (this=0x17345c0, event=<optimized out>)
    at itemviews/qabstractitemview.cpp:1682
#11 0x00007ffff4d40490 in QWidget::event (this=this@entry=0x17345c0, event=event@entry=0x7ffffbca10)
    at kernel/qwidget.cpp:8385
#12 0x00007ffff5108cee in QFrame::event (this=0x17345c0, e=0x7ffffbca10) at widgets/qframe.cpp:557
#13 0x00007ffff522e663 in QAbstractItemView::viewportEvent (this=0x17345c0, event=0x7ffffbca10)
    at itemviews/qabstractitemview.cpp:1644
#14 0x00007ffff59a2a76 in QCoreApplicationPrivate::sendThroughObjectEventFilters (this=this@entry=0x8f9c10,
```

```
receiver=receiver@entry=0x17347f0, event=event@entry=0x7ffffffca10) at kernel/qcoreapplication.cpp:1065
#15 0x00007ffff4ce8fbc in QApplicationPrivate::notify_helper (this=this@entry=0x8f9c10, receiver=receiver@entry=0x17347f0,
e=e@entry=0x7ffffffca10) at kernel/qapplication.cpp:4566
#16 0x00007ffff4cf00d6 in QApplication::notify (this=<optimized out>, receiver=0x17347f0, e=0x7ffffffca10)
at kernel/qapplication.cpp:4113
#17 0x00007ffff603a0e3 in QgsApplication::notify (this=0x7fffffdad0, receiver=0x17347f0, event=0x7ffffffca10)
at ../src/core/qgsapplication.cpp:281
```

Related issues:

Related to QGIS Application - Bug report # 15003: Map Styling Dock

Closed

2016-06-11

History

#1 - 2016-06-08 08:38 PM - Mathieu Pellerin - nIRV

You might have to switch back and forth a couple of times (e.g., symbology -> history -> symboogy -> history -> symbology **boom** death) for the crash to appear depending on the initial state of the style dock.

#2 - 2016-06-10 07:06 PM - Mathieu Pellerin - nIRV

The crash occurs at the line which calls Qt's deleteLater() function:

```
switch ( row )
{
    case 0: // Style
    {
        mVectorStyleWidget->deleteLater();
    }
}
```

Edit: simply removing the line takes care of the crash, but obviously it must have been there for a reason :) the line was added in commit 31c572f0ad93f1cb90d8b9f7d6956090f4661261

#3 - 2016-06-11 03:34 AM - Matthias Kuhn

- Resolution set to fixed/implemented
- Status changed from Open to Closed

Fixed in commit:c6cba65

#4 - 2017-09-22 10:05 AM - Jürgen Fischer

- Category set to Unknown