

QGIS Application - Bug report #14152

Form annotation crashes QGIS with Segmentation fault (core dumped)

2016-01-21 05:11 AM - Alexandre Neto

Status:	Closed	
Priority:	Severe/Regression	
Assignee:	Martin Dobias	
Category:	Map Tools	
Affected QGIS version:	master	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	Yes	Copied to github as #: 22154

Description

Trying to use Form annotation, once you select a ui file and press OK, QGIS master crashes.

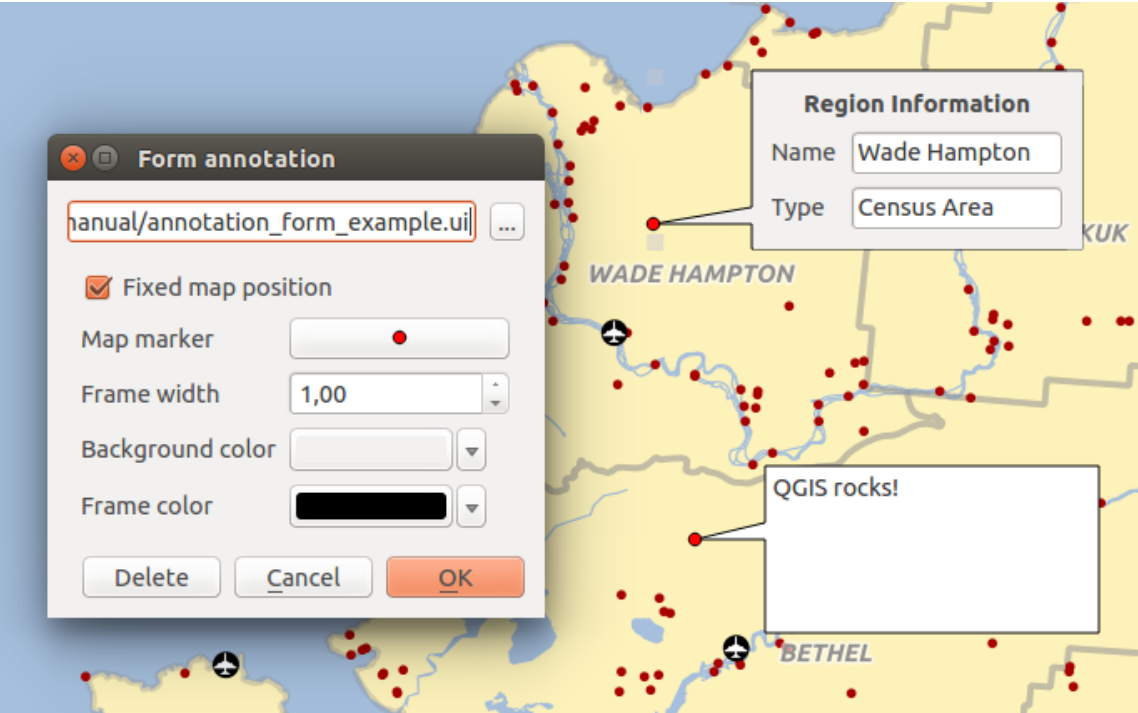
This works fine in QGIS 2.8.6 following Tim Sutton instructions here:

<https://youtu.be/0pDBuSbQ02o?t=2m25s>

You can try to replicate the bug using the annotation_form_example.ui file with the Regions Layer of the QGIS Sample Data (Alaska Dataset). Both in attachment.

- 1. Add Region Layer to QGIS and make it active
- 2. Using the form annotation tool, click over a region polygon
- 3. Double-click the created annotation to access setting
- 4. Select the annotation_form_example.ui and press OK

If everything went well, the form should appear inside the annotation.



Instead, QGIS exits with Segmentation fault (core dumped)

But instead QGIS crashes with the followin message:

Related issues:

Related to QGIS Application - Bug report # 8760: Custom Form from .ui File cr...

Closed**2013-10-03****History****#1 - 2016-01-23 10:17 AM - Martin Dobias**

I cannot replicate unfortunately. Could you please try to generate backtrace? (i.e. run in gdb, when it crashes type "bt" and copy the output here).

#2 - 2016-01-23 10:17 AM - Martin Dobias

- Status changed from Open to Feedback

#3 - 2016-01-26 03:00 AM - Alexandre Neto

- Assignee set to Martin Dobias

I have used gdb and I got this:

Program received signal SIGSEGV, Segmentation fault.

```
0x00007ffff7a06248 in QFormInternal::domPropertyToVariant(QFormInternal::QAbstractFormBuilder*, QMetaObject const*,
QFormInternal::DomProperty const*) ()
    from /usr/lib/libqgis_app.so.2.13.0
```

After typing bt I got this:

```
#0 0x00007ffff7a06248 in QFormInternal::domPropertyToVariant(QFormInternal::QAbstractFormBuilder*, QMetaObject const*,
QFormInternal::DomProperty const*) ()
    from /usr/lib/libqgis_app.so.2.13.0
#1 0x00007ffff79b5009 in QFormInternal::QAbstractFormBuilder::toVariant(QMetaObject const*, QFormInternal::DomProperty*) ()
    from /usr/lib/libqgis_app.so.2.13.0
#2 0x00007ffff79ce542 in QFormInternal::QFormBuilder::applyProperties(QObject*, QList<QFormInternal::DomProperty*> const&) ()
    from /usr/lib/libqgis_app.so.2.13.0
#3 0x00007ffff79b0401 in QFormInternal::FormBuilderPrivate::applyProperties(QObject*, QList<QFormInternal::DomProperty*> const&) ()
    from /usr/lib/libqgis_app.so.2.13.0
#4 0x00007ffff79bc460 in QFormInternal::QAbstractFormBuilder::create(QFormInternal::DomWidget*, QWidget*) () from
/usr/lib/libqgis_app.so.2.13.0
#5 0x00007ffff79cf361 in QFormInternal::QFormBuilder::create(QFormInternal::DomWidget*, QWidget*) () from /usr/lib/libqgis_app.so.2.13.0
#6 0x00007ffff79b0abe in QFormInternal::FormBuilderPrivate::create(QFormInternal::DomWidget*, QWidget*) () from
/usr/lib/libqgis_app.so.2.13.0
#7 0x00007ffff79be6d3 in QFormInternal::QAbstractFormBuilder::create(QFormInternal::DomUI*, QWidget*) () from /usr/lib/libqgis_app.so.2.13.0
#8 0x00007ffff79b0a58 in QFormInternal::FormBuilderPrivate::create(QFormInternal::DomUI*, QWidget*) () from /usr/lib/libqgis_app.so.2.13.0
#9 0x00007ffff702b041 in QFormInternal::QAbstractFormBuilder::load(QIODevice*, ---Type <return> to continue, or q <return> to quit---
QWidget*) () from /usr/lib/libqgis_gui.so.2.13.0
#10 0x00007ffff7023322 in QUILoader::load(QIODevice*, QWidget*) ()
    from /usr/lib/libqgis_gui.so.2.13.0
#11 0x00007ffff6f2c3fd in QgsFormAnnotationItem::createDesignerWidget (this=
0x1476d30, filePath=...)
    at /tmp/build/qgis-2.13.0+git20160124+ae52aab+20trusty/src/gui/qgsformannotationitem.cpp:87
#12 0x00007ffff6f2c24a in QgsFormAnnotationItem::setDesignerForm (
this=0x1476d30, uiFile=...)
    at /tmp/build/qgis-2.13.0+git20160124+ae52aab+20trusty/src/gui/qgsformannotationitem.cpp:67
#13 0x00007ffff766f04b in QgsFormAnnotationDialog::applySettingsToItem (
```

```

this=0x765c6a0)
at /tmp/builddd/qgis-2.13.0+git20160124+ae52aab+20trusty/src/app/qgsformannotationdialog.cpp:57
#14 0x00007ffff7995b0d in QgsFormAnnotationDialog::qt_static_metacall (
  _o=0x765c6a0, _c=QMetaObject::InvokeMetaMethod, _id=0, _a=0x7fffffb550)
  at /tmp/builddd/qgis-2.13.0+git20160124+ae52aab+20trusty/debian/build/src/app/moc_qgsformannotationdialog.cxx:52
#15 0x00007ffff5c6987a in QMetaObject::activate(QObject*, QMetaObject const*, int, void**) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#16 0x00007ffff5c6987a in QMetaObject::activate(QObject*, QMetaObject const*, int, void**) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
---Type <return> to continue, or q <return> to quit---
#17 0x00007ffff563d172 in QAbstractButton::clicked(bool) ()
  from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#18 0x00007ffff53a0a63 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#19 0x00007ffff53a1bd3 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#20 0x00007ffff53a1cbc in QAbstractButton::mouseReleaseEvent(QMouseEvent*) ()
  from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#21 0x00007ffff503e51a in QWidget::event(QEvent*) ()
  from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#22 0x00007ffff4feee2c in QApplicationPrivate::notify_helper(QObject*, QEvent*)
  () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#23 0x00007ffff4ff55dd in QApplication::notify(QObject*, QEvent*) ()
  from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#24 0x00007ffff62890d1 in QgsApplication::notify (this=0x7fffffd950,
  receiver=0x73a3220, event=0x7fffffbc30)
  at /tmp/builddd/qgis-2.13.0+git20160124+ae52aab+20trusty/src/core/qgsapplication.cpp:281
#25 0x00007ffff5c554dd in QCoreApplication::notifyInternal(QObject*, QEvent*)
  () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#26 0x00007ffff4ff4d93 in QApplicationPrivate::sendMouseEvent(QWidget*, QMouseEvent*, QWidget*, QWidget*, QWidget**,
  QPointer<QWidget>*, bool) ()
  from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#27 0x00007ffff50699eb in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#28 0x00007ffff5069289 in QApplication::x11ProcessEvent(_XEvent*) ()
  from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
---Type <return> to continue, or q <return> to quit---
#29 0x00007ffff5090b32 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#30 0x00007fffeddf6e04 in g_main_context_dispatch ()
  from /lib/x86_64-linux-gnu/libglib-2.0.so.0
#31 0x00007fffeddf7048 in ?? () from /lib/x86_64-linux-gnu/libglib-2.0.so.0
#32 0x00007fffeddf70ec in g_main_context_iteration ()
  from /lib/x86_64-linux-gnu/libglib-2.0.so.0
#33 0x00007ffff5c827be in QEventDispatcherGlib::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from
  /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#34 0x00007ffff5090be6 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#35 0x00007ffff5c540af in QEventLoop::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from
  /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#36 0x00007ffff5c543a5 in QEventLoop::exec(QFlags<QEventLoop::ProcessEventsFlag>) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#37 0x00007ffff549606c in QDialog::exec() ()
  from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#38 0x00007ffff772e000 in QgsMapToolAnnotation::canvasDoubleClickEvent (this=
  0x12900f0, e=0x779ee00)
  at /tmp/builddd/qgis-2.13.0+git20160124+ae52aab+20trusty/src/app/qgsmaptoolannotation.cpp:255
#39 0x00007ffff6f5a973 in QgsMapCanvas::mouseDoubleClickEvent (this=0xed7130,
  e=0x7fffffc9e0)
  at /tmp/builddd/qgis-2.13.0+git20160124+ae52aab+20trusty/src/gui/qgsmapcanvas---Type <return> to continue, or q <return> to quit---
.cpp:1287

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#40 0x00007ffff503e65e in QWidget::event(QEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#41 0x00007ffff53e004e in QFrame::event(QEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#42 0x00007ffff55eb859 in QGraphicsView::viewportEvent(QEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#43 0x00007ffff5c55646 in QCoreApplicationPrivate::sendThroughObjectEventFilters(QObject*, QEvent*) () from
/usr/lib/x86_64-linux-gnu/libQtCore.so.4
#44 0x00007ffff4feee0c in QApplicationPrivate::notify_helper(QObject*, QEvent*)
    () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#45 0x00007ffff4ff55dd in QApplication::notify(QObject*, QEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#46 0x00007ffff62890d1 in QgsApplication::notify (this=0x7fffffd950,
    receiver=0xec8620, event=0x7fffffc9e0)
    at /tmp/buildd/qgis-2.13.0+git20160124+ae52aab+20trusty/src/core/qgsapplication.cpp:281
#47 0x00007ffff5c554dd in QCoreApplication::notifyInternal(QObject*, QEvent*)
    () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#48 0x00007ffff4ff4d93 in QApplicationPrivate::sendMouseEvent(QWidget*, QMouseEvent*, QWidget*, QWidget*, QWidget**,
    QPointer<QWidget>&, bool) ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#49 0x00007ffff50699eb in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
---Type <return> to continue, or q <return> to quit---
#50 0x00007ffff5069289 in QApplication::x11ProcessEvent(_XEvent*) ()
    from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#51 0x00007ffff5090b32 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#52 0x00007fffeddf6e04 in g_main_context_dispatch ()
    from /lib/x86_64-linux-gnu/libglib-2.0.so.0
#53 0x00007fffeddf7048 in ?? () from /lib/x86_64-linux-gnu/libglib-2.0.so.0
#54 0x00007fffeddf70ec in g_main_context_iteration ()
    from /lib/x86_64-linux-gnu/libglib-2.0.so.0
#55 0x00007ffff5c827a1 in QEventDispatcherGlib::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from
/usr/lib/x86_64-linux-gnu/libQtCore.so.4
#56 0x00007ffff5090be6 in ?? () from /usr/lib/x86_64-linux-gnu/libQtGui.so.4
#57 0x00007ffff5c540af in QEventLoop::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from
/usr/lib/x86_64-linux-gnu/libQtCore.so.4
#58 0x00007ffff5c543a5 in QEventLoop::exec(QFlags<QEventLoop::ProcessEventsFlag>) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#59 0x00007ffff5c59b79 in QCoreApplication::exec() ()
    from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#60 0x0000000000409ac0 in main (argc=1, argv=0x7fffffdcc8)
    at /tmp/buildd/qgis-2.13.0+git20160124+ae52aab+20trusty/src/app/main.cpp:1226

```

#4 - 2016-01-26 03:09 AM - Martin Dobias

This looks like a duplicate of #8760 - crash within Qt in QUILoader::load

#5 - 2016-01-27 07:20 AM - Martin Dobias

Alexandre, could you please confirm whether you get a crash also if you try to use that .ui file for attribute form? In such case we could close this one as a duplicate of #8760

#6 - 2016-01-27 08:24 AM - Alexandre Neto
- Status changed from Feedback to Closed

You are right, this is a duplication. I will close it and move the discussion to #8760.

Files			
annotation_form_example.ui	1.5 KB	2016-01-21	Alexandre Neto
custom_annotation.png	90.7 KB	2016-01-21	Alexandre Neto