

Composer crashes QGIS when setComposition() method called

Status:	Closed	
Priority:	High	
Assignee:		
Category:	Python plugins	
Affected QGIS version:	2.0.1	Regression?: No
Operating System:	all	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	Yes	Copied to github as #: 17653

When I try to set composition to composer instance, created from plugin, QGIS crashes. Sometimes composer created, but crashes on any interaction with it.

```
QGIS died on signal 11
warning: Could not load shared library symbols for linux-vdso.so.1.
Do you need "set solib-search-path" or "set sysroot"?
[New LWP 2569]
[New LWP 2565]
[New LWP 2564]
[Thread debugging using libthread_db enabled]
Using host libthread_db library "/lib64/libthread_db.so.1".
0x00007f0c352771c7 in waitpid () from /lib64/libc.so.6
Traceback (most recent call last):
  File "/usr/share/gdb/auto-load/usr/lib64/libgobject-2.0.so.0.3200.4-gdb.py", line 9, in <module>
    from gobject import register
  File "/usr/share/glib-2.0/gdb/gobject.py", line 3, in <module>
    import gdb.backtrace
ImportError: No module named backtrace
[Current thread is 1 (Thread 0x7f0c3cae87c0 (LWP 2556))]
#0 0x00007f0c352771c7 in waitpid () from /lib64/libc.so.6
No symbol table info available.
#1 0x0000000000505955 in qqisCrash (signal=<optimized out>) at /home/alex/devel/cpp/qgis/src/app/main.cpp:290
   status = <optimized out>
   pidstr =
"--pid=2556\\000\\346\\377\\177\\000\\000\\000\\000\\000\\000\\000\\000\\000\\020\\315@\\346\\377\\177\\000"
   gdbpid = <optimized out>
   exename = "/usr/local/bin/qgis\\000\\000\\000\\000\\000\\320\\323\\302\\001", '\\000' <repeats 12 times>,
"8\\315@\\346\\377\\177\\000\\000\\000\\352,\\f\\177\\000\\000\\022\\315@\\346\\377\\177\\000\\000\\020\\315@\\346\\377\\177\\000\\000\\000\\000\\300\\314@\\346\\377\\177\\000\\000\\220\\244\\303\\001\\000\\000\\000\\000Q\\275\\035\\065\\f\\177", "\\000"
<repeats 14 times>"\\377,
\\177\\000\\000\\000\\000\\000\\000\\000\\000\\000\\000\\000\\000\\001\\000\\000\\000\\000\\000\\000\\000\\060\\315@\\346\\377\\177\\000\\000\\240\\0\\000\\240\\244\\303\\001", '\\000' <repeats 12 times>,
"0\\315@\\346\\377\\177\\000\\000\\0070\\315@\\346\\377\\177\\000\\000H\\315@\\346\\377\\177\\000\\000\\020\\315@\\346\\377\\177\\000\\000\\000\\000@\\315@\\346\\377\\177\\000\\000\\315@\\346\\377\\177\\000\\000\\373\\262\\035\\065\\f\\177\\000\\000\\000\\000\\000\\000\\000\\000\\240\\244\\303\\001", '\\000'
001", '\\000' <repeats 12 times>"\\375,
\\226&5\\f\\177\\000\\000P\\b\\001\\002\\000\\000\\000\\000p\\316@\\346\\377\\177\\000\\000\\000\\000\\000\\000\\000\\000\\000\\000\\022
```

0\\000\\022\\000\\000\\000\\000\\000\\000"...

len = <optimized out>

#2 <signal handler called>

No symbol table info available.

#3 0x00007f0c37cd6d81 in QGraphicsScene::items() const () from /usr/lib64/libQtGui.so.4

No symbol table info available.

#4 0x00007f0c38fa9764 in QgsComposerView::wheelZoom (this=this@entry=0x7c23ba0, event=event@entry=0x7ffe640dd60) at /home/alex/devel/cpp/qgis/src/gui/qgscomposerview.cpp:1319

itemIt = <optimized out>

wheelAction = 2

zoomFactor = 2

zoomIn = false

scaleFactor = 2

viewportRect = {x1 = 0, y1 = 0, x2 = 652, y2 = 500}

scenePoint = {xp = -20.203389830508474, yp = -72.548536209553163}

mySettings = <incomplete type>

visibleRect = {xmin = -279.17411402157165, ymin = -157.03543913713403, xmax = 320.49922958397531, ymax = 303.05084745762713}

itemList = {{p = {static shared_null = {ref = {_q_value = 8181}, alloc = 0, begin = 0, end = 0, sharable = 1, array = {0x0}}, d = 0x0}, d = 0x0}}

#5 0x00007f0c38fa9a94 in QgsComposerView::wheelEvent (this=0x7c23ba0, event=0x7ffe640dd60) at /home/alex/devel/cpp/qgis/src/gui/qgscomposerview.cpp:1250

No locals.

#6 0x00007f0c377489ce in QWidget::event(QEvent*) () from /usr/lib64/libQtGui.so.4

No symbol table info available.

#7 0x00007f0c37af1626 in QFrame::event(QEvent*) () from /usr/lib64/libQtGui.so.4

No symbol table info available.

#8 0x00007f0c37d09bdb in QGraphicsView::viewportEvent(QEvent*) () from /usr/lib64/libQtGui.so.4

No symbol table info available.

#9 0x00007f0c38361c26 in QApplicationPrivate::sendThroughObjectEventFilters(QObject*, QEvent*) () from /usr/lib64/libQtCore.so.4

No symbol table info available.

#10 0x00007f0c376f8f2c in QApplicationPrivate::notify_helper(QObject*, QEvent*) () from /usr/lib64/libQtGui.so.4

No symbol table info available.

#11 0x00007f0c376fde7d in QApplication::notify(QObject*, QEvent*) () from /usr/lib64/libQtGui.so.4

No symbol table info available.

#12 0x00007f0c39592a03 in QgsApplication::notify (this=0x7ffe64111e0, receiver=0x7c25e00, event=0x7ffe640dd60) at /home/alex/devel/cpp/qgis/src/core/qgsapplication.cpp:229

done = true

#13 0x00007f0c38361abe in QApplication::notifyInternal(QObject*, QEvent*) () from /usr/lib64/libQtCore.so.4

No symbol table info available.

#14 0x00007f0c3776371d in ?? () from /usr/lib64/libQtGui.so.4

No symbol table info available.

#15 0x00007f0c37774b4e in ?? () from /usr/lib64/libQtGui.so.4

No symbol table info available.

#16 0x00007f0c377737b1 in QApplication::x11ProcessEvent(_XEvent*) () from /usr/lib64/libQtGui.so.4

No symbol table info available.

#17 0x00007f0c377993e2 in ?? () from /usr/lib64/libQtGui.so.4

No symbol table info available.

#18 0x00007f0c32275c35 in g_main_context_dispatch () from /usr/lib64/libglib-2.0.so.0

No symbol table info available.

#19 0x00007f0c32275f68 in ?? () from /usr/lib64/libglib-2.0.so.0

No symbol table info available.

#20 0x00007f0c32276024 in g_main_context_iteration () from /usr/lib64/libglib-2.0.so.0
No symbol table info available.

#21 0x00007f0c3838fc16 in QEventDispatcherGlib::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from /usr/lib64/libQtCore.so.4
No symbol table info available.

#22 0x00007f0c3779906e in ?? () from /usr/lib64/libQtGui.so.4
No symbol table info available.

#23 0x00007f0c3836080f in QEventLoop::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from /usr/lib64/libQtCore.so.4
No symbol table info available.

#24 0x00007f0c38360a98 in QEventLoop::exec(QFlags<QEventLoop::ProcessEventsFlag>) () from /usr/lib64/libQtCore.so.4
No symbol table info available.

#25 0x00007f0c37baac18 in QDialog::exec() () from /usr/lib64/libQtGui.so.4
No symbol table info available.

#26 0x00007f0c1c1fd025 in ?? () from /usr/lib64/python2.7/site-packages/PyQt4/QtGui.so
No symbol table info available.

#27 0x00007f0c1cdfac2 in PyEval_EvalFrameEx () from /usr/lib64/libpython2.7.so.1.0
No symbol table info available.

#28 0x00007f0c1cdfbb48 in PyEval_EvalCodeEx () from /usr/lib64/libpython2.7.so.1.0
No symbol table info available.

#29 0x00007f0c1cd7e916 in ?? () from /usr/lib64/libpython2.7.so.1.0
No symbol table info available.

#30 0x00007f0c1cd53a3e in PyObject_Call () from /usr/lib64/libpython2.7.so.1.0
No symbol table info available.

#31 0x00007f0c1cd61e80 in ?? () from /usr/lib64/libpython2.7.so.1.0
No symbol table info available.

#32 0x00007f0c1cd53a3e in PyObject_Call () from /usr/lib64/libpython2.7.so.1.0
No symbol table info available.

#33 0x00007f0c1cdf4c67 in PyEval_CallObjectWithKeywords () from /usr/lib64/libpython2.7.so.1.0
No symbol table info available.

#34 0x00007f0c1caff250 in ?? () from /usr/lib64/python2.7/site-packages/sip.so
No symbol table info available.

#35 0x00007f0c1c8240a6 in ?? () from /usr/lib64/python2.7/site-packages/PyQt4/QtCore.so
No symbol table info available.

#36 0x00007f0c1c8243c8 in ?? () from /usr/lib64/python2.7/site-packages/PyQt4/QtCore.so
No symbol table info available.

#37 0x00007f0c1c8244a2 in ?? () from /usr/lib64/python2.7/site-packages/PyQt4/QtCore.so
No symbol table info available.

#38 0x00007f0c38377083 in QMetaObject::activate(QObject*, QMetaObject const*, int, void**) () from /usr/lib64/libQtCore.so.4
No symbol table info available.

#39 0x00007f0c376f2d52 in QAction::triggered(bool) () from /usr/lib64/libQtGui.so.4
No symbol table info available.

#40 0x00007f0c376f2f40 in QAction::activate(QAction::ActionEvent) () from /usr/lib64/libQtGui.so.4
No symbol table info available.

#41 0x00007f0c37b2acc3 in ?? () from /usr/lib64/libQtGui.so.4
No symbol table info available.

#42 0x00007f0c37b30fd9 in ?? () from /usr/lib64/libQtGui.so.4
No symbol table info available.

#43 0x00007f0c377486a0 in QWidget::event(QEvent*) () from /usr/lib64/libQtGui.so.4
No symbol table info available.

#44 0x00007f0c37b3228b in QMenu::event(QEvent*) () from /usr/lib64/libQtGui.so.4
No symbol table info available.

#45 0x00007f0c376f8f5c in QApplicationPrivate::notify_helper(QObject*, QEvent*) () from /usr/lib64/libQtGui.so.4

No symbol table info available.

#46 0x00007f0c376fdc3b in QApplication::notify(QObject*, QEvent*) () from /usr/lib64/libQtGui.so.4

No symbol table info available.

#47 0x00007f0c39592a03 in QgsApplication::notify (this=0x7fffe64111e0, receiver=0x2598590, event=0x7fffe640fd60) at /home/alex/devel/cpp/qgis/src/core/qgsapplication.cpp:229

done = true

#48 0x00007f0c38361abe in QCoreApplication::notifyInternal(QObject*, QEvent*) () from /usr/lib64/libQtCore.so.4

No symbol table info available.

#49 0x00007f0c376f9d9b in QApplicationPrivate::sendMouseEvent(QWidget*, QMouseEvent*, QWidget*, QWidget*, QWidget**, QPointer<QWidget>&, bool) () from /usr/lib64/libQtGui.so.4

No symbol table info available.

#50 0x00007f0c377748dc in ?? () from /usr/lib64/libQtGui.so.4

No symbol table info available.

#51 0x00007f0c377737b1 in QApplication::x11ProcessEvent(_XEvent*) () from /usr/lib64/libQtGui.so.4

No symbol table info available.

#52 0x00007f0c377993e2 in ?? () from /usr/lib64/libQtGui.so.4

No symbol table info available.

#53 0x00007f0c32275c35 in g_main_context_dispatch () from /usr/lib64/libglib-2.0.so.0

No symbol table info available.

#54 0x00007f0c32275f68 in ?? () from /usr/lib64/libglib-2.0.so.0

No symbol table info available.

#55 0x00007f0c32276024 in g_main_context_iteration () from /usr/lib64/libglib-2.0.so.0

No symbol table info available.

#56 0x00007f0c3838fc16 in QEventDispatcherGlib::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from /usr/lib64/libQtCore.so.4

No symbol table info available.

#57 0x00007f0c3779906e in ?? () from /usr/lib64/libQtGui.so.4

No symbol table info available.

#58 0x00007f0c3836080f in QEventLoop::processEvents(QFlags<QEventLoop::ProcessEventsFlag>) () from /usr/lib64/libQtCore.so.4

No symbol table info available.

#59 0x00007f0c38360a98 in QEventLoop::exec(QFlags<QEventLoop::ProcessEventsFlag>) () from /usr/lib64/libQtCore.so.4

No symbol table info available.

#60 0x00007f0c38365738 in QCoreApplication::exec() () from /usr/lib64/libQtCore.so.4

No symbol table info available.

#61 0x000000000050011a in main (argc=1, argv=0x1cb0910) at /home/alex/devel/cpp/qgis/src/app/main.cpp:1021

testFont = <incomplete type>

qgistor = <incomplete type>

mySnapshotHeight = 600

args = {<QList<QString>> = {{p = {static shared_null = {ref = {_q_value = 8181}, alloc = 0, begin = 0, end = 0, sharable = 1, array = {0x0}}, d = 0x1c40870}, d = 0x1c40870}}, <No data fields>}}

myApp = {<QApplication> = {<No data fields>}, static staticMetaObject = {d = {superdata = 0x7f0c381903e0 <QApplication::staticMetaObject>, stringdata = 0x7f0c3987e120 <qt_meta_stringdata_QgsApplication> "QgsApplication", data = 0x7f0c3987e180 <qt_meta_data_QgsApplication>, extradata = 0x7f0c39b4ba40 <QgsApplication::staticMetaObjectExtraData>}}, static staticMetaObjectExtraData = {objects = 0x0, static_metacall = 0x7f0c3981ab00 <QgsApplication::qt_static_metacall(QObject*, QMetaObject::Call, int, void**)>}, static mFileOpenEventReceiver20100 = 0x1cbfae0, static mFileOpenEventList20100 = {<QList<QString>> = {{p = {static shared_null = {ref = {_q_value = 8181}, alloc = 0, begin = 0, end = 0, sharable = 1, array = {0x0}}, d = 0x7f0c386bab40 <QListData::shared_null>}, d = 0x7f0c386bab40 <QListData::shared_null>}}, <No data fields>}, static mPrefixPath20100 = {static null = {<No data fields>}, static shared_null = {ref = {_q_value = 14382}, alloc = 0, size = 0, data = 0x7f0c386bac3a <QString::shared_null+26>, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, static shared_empty = {ref = {_q_value = 999}, alloc = 0, size = 0, data = 0x7f0c386bac1a <QString::shared_empty+26>, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, d = 0x1c6d160, static codecForCStrings =

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0x0}, static mPluginPath20100 = {static null = <same as static member of an already seen type>, static shared_null = <same as
static member of an already seen type>, static shared_empty = <same as static member of an already seen type>, d =
0x1c6e7e0, static codecForCStrings = 0x0}, static mPkgDataPath20100 = {static null = <same as static member of an already
seen type>, static shared_null = <same as static member of an already seen type>, static shared_empty = <same as static
member of an already seen type>, d = 0x1c76060, static codecForCStrings = 0x0}, static mLibraryPath20100 = {static null =
<same as static member of an already seen type>, static shared_null = <same as static member of an already seen type>, static
shared_empty = <same as static member of an already seen type>, d = 0x1c8a310, static codecForCStrings = 0x0}, static
mLibexecPath20100 = {static null = <same as static member of an already seen type>, static shared_null = <same as static
member of an already seen type>, static shared_empty = <same as static member of an already seen type>, d = 0x1c762e0,
static codecForCStrings = 0x0}, static mThemeName20100 = {static null = <same as static member of an already seen type>,
static shared_null = <same as static member of an already seen type>, static shared_empty = <same as static member of an
already seen type>, d = 0x1cb6120, static codecForCStrings = 0x0}, static mDefaultSvgPaths20100 = {<QList<QString>> = {{p =
{static shared_null = {ref = {_q_value = 8181}, alloc = 0, begin = 0, end = 0, sharable = 1, array = {0x0}}, d = 0x1c79980}, d =
0x1c79980}}, <No data fields>}, static mSystemEnvVars20100 = {{d = 0x1c960a0, e = 0x1c960a0}}, static mConfigPath20100 =
{static null = <No data fields>, static shared_null = {ref = {_q_value = 14382}, alloc = 0, size = 0, data = 0x7f0c386bac3a
<QString::shared_null+26>, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, static
shared_empty = {ref = {_q_value = 999}, alloc = 0, size = 0, data = 0x7f0c386bac1a <QString::shared_empty+26>, clean = 0,
simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, d = 0x1c76250, static codecForCStrings =
0x0}, static mRunningFromBuildDir20100 = false, static mBuildSourcePath20100 = {static null = <same as static member of an
already seen type>, static shared_null = <same as static member of an already seen type>, static shared_empty = <same as static
member of an already seen type>, d = 0x7f0c386bac20 <QString::shared_null>, static codecForCStrings = 0x0}, static
mBuildOutputPath20100 = {static null = <same as static member of an already seen type>, static shared_null = <same as static
member of an already seen type>, static shared_empty = <same as static member of an already seen type>, d = 0x7f0c386bac20
<QString::shared_null>, static codecForCStrings = 0x0}, static mGdalSkipList20100 = {<QList<QString>> = {{p = {static
shared_null = {ref = {_q_value = 8181}, alloc = 0, begin = 0, end = 0, sharable = 1, array = {0x0}}, d = 0x7f0c386bab40
<QListData::shared_null>}, d = 0x7f0c386bab40 <QListData::shared_null>}}, <No data fields>}}
myLocaleOverrideFlag = <optimized out>
__FUNCTION__ = "main"
mySnapshotFileName = {static null = {<No data fields>, static shared_null = {ref = {_q_value = 14382}, alloc = 0, size = 0,
data = 0x7f0c386bac3a <QString::shared_null+26>, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0,
reserved = 0, array = {0}}, static shared_empty = {ref = {_q_value = 999}, alloc = 0, size = 0, data = 0x7f0c386bac1a
<QString::shared_empty+26>, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, d =
0x7f0c386bac00 <QString::shared_empty>, static codecForCStrings = 0x0}
myHideSplash = false
myRestorePlugins = true
myTranslationCode = {static null = {<No data fields>, static shared_null = {ref = {_q_value = 14382}, alloc = 0, size = 0, data
= 0x7f0c386bac3a <QString::shared_null+26>, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved =
0, array = {0}}, static shared_empty = {ref = {_q_value = 999}, alloc = 0, size = 0, data = 0x7f0c386bac1a
<QString::shared_empty+26>, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, d =
0x1cb0ef0, static codecForCStrings = 0x0}
customizationfile = {static null = {<No data fields>, static shared_null = {ref = {_q_value = 14382}, alloc = 0, size = 0, data =
0x7f0c386bac3a <QString::shared_null+26>, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0,
array = {0}}, static shared_empty = {ref = {_q_value = 999}, alloc = 0, size = 0, data = 0x7f0c386bac1a
<QString::shared_empty+26>, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, d =
0x7f0c386bac20 <QString::shared_null>, static codecForCStrings = 0x0}
style = {static null = {<No data fields>, static shared_null = {ref = {_q_value = 14382}, alloc = 0, size = 0, data =
0x7f0c386bac3a <QString::shared_null+26>, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0,
array = {0}}, static shared_empty = {ref = {_q_value = 999}, alloc = 0, size = 0, data = 0x7f0c386bac1a
<QString::shared_empty+26>, clean = 0, simpletext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, d =
0x1c9af60, static codecForCStrings = 0x0}
qttor = <incomplete type>
myPixmap = <incomplete type>
myInitialExtent = {static null = {<No data fields>, static shared_null = {ref = {_q_value = 14382}, alloc = 0, size = 0, data =

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0x7f0c386bac3a <QString::shared_null+26>, clean = 0, simpleteext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0,
array = {0}}, static shared_empty = {ref = {_q_value = 999}, alloc = 0, size = 0, data = 0x7f0c386bac1a
<QString::shared_empty+26>, clean = 0, simpleteext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, d =
0x1c067d0, static codecForCStrings = 0x0}
    mySettings = <incomplete type>
    i18nPath = {static null = {<No data fields>}, static shared_null = {ref = {_q_value = 14382}, alloc = 0, size = 0, data =
0x7f0c386bac3a <QString::shared_null+26>, clean = 0, simpleteext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0,
array = {0}}, static shared_empty = {ref = {_q_value = 999}, alloc = 0, size = 0, data = 0x7f0c386bac1a
<QString::shared_empty+26>, clean = 0, simpleteext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, d =
0x1cb0b70, static codecForCStrings = 0x0}
    myLocale = {static null = {<No data fields>}, static shared_null = {ref = {_q_value = 14382}, alloc = 0, size = 0, data =
0x7f0c386bac3a <QString::shared_null+26>, clean = 0, simpleteext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0,
array = {0}}, static shared_empty = {ref = {_q_value = 999}, alloc = 0, size = 0, data = 0x7f0c386bac1a
<QString::shared_empty+26>, clean = 0, simpleteext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, d =
0x7f0c386bac20 <QString::shared_null>, static codecForCStrings = 0x0}
    qgis = 0x1cbfae0
    retval = <optimized out>
    optionpath = {static null = {<No data fields>}, static shared_null = {ref = {_q_value = 14382}, alloc = 0, size = 0, data =
0x7f0c386bac3a <QString::shared_null+26>, clean = 0, simpleteext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0,
array = {0}}, static shared_empty = {ref = {_q_value = 999}, alloc = 0, size = 0, data = 0x7f0c386bac1a
<QString::shared_empty+26>, clean = 0, simpleteext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, d =
0x7f0c386bac20 <QString::shared_null>, static codecForCStrings = 0x0}
    customizationsettings = <optimized out>
    systemEnvVars = {{d = 0x1c960a0, e = 0x1c960a0}}
    pythonfile = {static null = {<No data fields>}, static shared_null = {ref = {_q_value = 14382}, alloc = 0, size = 0, data =
0x7f0c386bac3a <QString::shared_null+26>, clean = 0, simpleteext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0,
array = {0}}, static shared_empty = {ref = {_q_value = 999}, alloc = 0, size = 0, data = 0x7f0c386bac1a
<QString::shared_empty+26>, clean = 0, simpleteext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, d =
0x7f0c386bac20 <QString::shared_null>, static codecForCStrings = 0x0}
    myUseGuiFlag = <optimized out>
    myUserLocale = {static null = {<No data fields>}, static shared_null = {ref = {_q_value = 14382}, alloc = 0, size = 0, data =
0x7f0c386bac3a <QString::shared_null+26>, clean = 0, simpleteext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0,
array = {0}}, static shared_empty = {ref = {_q_value = 999}, alloc = 0, size = 0, data = 0x7f0c386bac1a
<QString::shared_empty+26>, clean = 0, simpleteext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, d =
0x1c737a0, static codecForCStrings = 0x0}
    mySplashPath = {static null = {<No data fields>}, static shared_null = {ref = {_q_value = 14382}, alloc = 0, size = 0, data =
0x7f0c386bac3a <QString::shared_null+26>, clean = 0, simpleteext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0,
array = {0}}, static shared_empty = {ref = {_q_value = 999}, alloc = 0, size = 0, data = 0x7f0c386bac1a
<QString::shared_empty+26>, clean = 0, simpleteext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, d =
0x1c96030, static codecForCStrings = 0x0}
    mySnapshotWidth = 800
    myCustomization = <optimized out>
    configpath = {static null = {<No data fields>}, static shared_null = {ref = {_q_value = 14382}, alloc = 0, size = 0, data =
0x7f0c386bac3a <QString::shared_null+26>, clean = 0, simpleteext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0,
array = {0}}, static shared_empty = {ref = {_q_value = 999}, alloc = 0, size = 0, data = 0x7f0c386bac1a
<QString::shared_empty+26>, clean = 0, simpleteext = 0, righttoleft = 0, asciiCache = 0, capacity = 0, reserved = 0, array = {0}}, d =
0x7f0c386bac20 <QString::shared_null>, static codecForCStrings = 0x0}
    useCustomVars = <optimized out>
    mypSplash = 0x1cb0910
gdb returned 0

```

I created simple plugin to test this. To reproduce:

- load any layer to QGIS
- enable test plugin (it will be added to Vector menu)
- select layer in TOC
- open plugin dialog and press "Test composer" button
- new composer will be created
- try to zoom or pan composition. QGIS crashes

This is strange, because when same code executed from QGIS Python console, all works fine and there are no crashes.

Associated revisions

Revision 77a24cbe - 2014-02-09 02:25 PM - Martin Dobias

Fix #8996 (Composer crashes QGIS when setComposition() method called)

History

#1 - 2013-11-12 05:29 AM - Luigi Pirelli

confirmed on master 866cee4 following proposed steps

#2 - 2013-11-21 03:54 AM - Matthias Kuhn

- *Status changed from Open to Feedback*

Alex, did you try to assign the composition to a class variable instead of a local variable so it does not get garbage collected at the end of the method?

#3 - 2013-11-21 06:37 AM - Alexander Bruy

- *Status changed from Feedback to Closed*

Thanks, Matthias! Making composition a class variable solves this issue.

#4 - 2013-12-08 07:58 PM - Martin Dobias

- *Status changed from Closed to Reopened*

There is `/KeepReference/` argument annotation in SIP that should take care of these cases: increase the reference count of the object, so it will not be garbage collected when the original variable gets out of scope. In PyQt4, `QGraphicsView::setScene()` has that annotation. It is not very nice to require users to keep a separate reference to have it working.

Maybe we should look around to see if there are more PyQGIS classes requiring such handling.

#5 - 2013-12-09 04:34 AM - Matthias Kuhn

`/KeepReference/` sounds better indeed.

#6 - 2014-02-09 05:27 AM - Martin Dobias

- Status changed from Reopened to Closed

Fixed in changeset commit:"77a24cbeb44b4ecd48c469b85850025da246ae95".

Files

testplugin.zip	4 KB	2013-11-04	Alexander Bruy
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