

QGIS Application - Bug report #10482

QGIS master crashes when loading composer template

2014-06-06 12:22 AM - Akbar Gumbira

Status: Closed	
Priority: Severe/Regression	
Assignee: Nyall Dawson	
Category: Map Composer/Printing	
Affected QGIS version: master	Regression?: No
Operating System: Linux	Easy fix?: No
Pull Request or Patch supplied: No	Resolution:
Crashes QGIS or corrupts data: Yes	Copied to github as #: 18894

Description

On Master (8c513f9), when we try to load the template on attachment using this snippet below, QGIS will crash.

```
from PyQt4 import QtCore, QtXml

canvas = iface.mapCanvas()
renderer = canvas.mapRenderer()
composition = QgsComposition(renderer)

composer = iface.createNewComposer()
composer.setComposition(composition)

template_file = QtCore.QFile('/tmp/basic.qpt')
template_file.open(QtCore.QIODevice.ReadOnly | QtCore.QIODevice.Text)
template_content = template_file.readAll()
template_file.close()

document = QtXml.QDomDocument()
document.setContent(template_content)
status_load = composition.loadFromTemplate(document)
```

Here is the backtrace of QGIS:

```
#2 0x00000000055f9b5 in qgisCrash (signal=-1) at /home/gumbira/dev/cpp/QGIS/src/app/main.cpp:303
#3 0x00000000055fb8c in myMessageOutput (type=QtFatalMsg, msg=0x7f1ff28 "ASSERT failure in QVector<T>::operator[]:
\"index out of range\", file /usr/include/qt4/QtCore/qvector.h, line 355")
    at /home/gumbira/dev/cpp/QGIS/src/app/main.cpp:356
#4 0x00007ffff34f93d0 in qt_message_output(QtMsgType, char const*) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#5 0x00007ffff34f9838 in ?? () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#6 0x00007ffff34f99c4 in qFatal(char const*, ...) () from /usr/lib/x86_64-linux-gnu/libQtCore.so.4
#7 0x0000000005c5a07 in QVector<QgsFields::Field>::operator[] (this=0x68811d8, i=4) at
/usr/include/qt4/QtCore/qvector.h:355
#8 0x0000000005accb8 in QgsFields::operator[] (this=0x68811d8, i=4) at
/home/gumbira/dev/cpp/QGIS/src/app/./core/qgsfield.h:207
#9 0x00007ffff4bbfaaf in QgsComposerAttributeTable::setDisplayAttributes (this=0x7f197b0, attr=..., refresh=false) at
/home/gumbira/dev/cpp/QGIS/src/core/composer/qgscomposerattributetable.cpp:279
#10 0x00007ffff4bc1eda in QgsComposerAttributeTable::readXML (this=0x7f197b0, itemElem=..., doc=...) at
/home/gumbira/dev/cpp/QGIS/src/core/composer/qgscomposerattributetable.cpp:656
#11 0x00007ffff4bfd64d in QgsComposition::addItemFromXML (this=0x8c79040, elem=..., doc=..., mapsToRestore=0x0,
```

```
addUndoCommands=false, pos=0x0, pasteInPlace=false) at
/home/gumbia/dev/cpp/QGIS/src/core/composer/qgscomposition.cpp:1103
#12 0x00007fff4bfaa5f in QgsComposition::loadFromTemplate (this=0x8c79040, doc=..., substitutionMap=0x0,
addUndoCommands=false) at /home/gumbia/dev/cpp/QGIS/src/core/composer/qgscomposition.cpp:803
#13 0x00007fff86187f2c in meth_QgsComposition_loadFromTemplate (sipSelf=0x6652560, sipArgs=0x5ad8850, sipKwds=0x0)
at /home/gumbia/dev/cpp/QGIS/build/python/core/sip_corepart2.cpp:18504
```

It is OK in QGIS 2.2

Associated revisions

Revision a5c0e7ed - 2014-06-07 05:07 AM - Nyall Dawson

[composer] Check if attribute index is valid when reading attribute table fields from pre 2.4 projects (refs #10482)

History

#1 - 2014-06-06 12:29 AM - Tim Sutton

- Assignee changed from Tim Sutton to Nyall Dawson

#2 - 2014-06-06 12:37 AM - Giovanni Manghi

- Priority changed from Normal to Severe/Regression

- Target version set to Version 2.4

- Affected QGIS version changed from 2.2.0 to master

#3 - 2014-06-06 08:06 PM - Nyall Dawson

I can't reproduce this, but I've pushed a potential fix. Can you please test and confirm? Thanks!

#4 - 2014-06-07 12:33 AM - Nyall Dawson

- Status changed from Open to Feedback

#5 - 2014-06-08 09:27 PM - Akbar Gumbira

Hi, I just tested against 6a17538 (as of today), it is fixed now. Sorry that I forgot to tell that this issue will raise if the legend contains layer that has different CRS with other layers..

#6 - 2014-06-08 09:27 PM - Akbar Gumbira

- Status changed from Feedback to Closed

#7 - 2014-08-20 07:23 AM - Amandine Sahl

- Status changed from Closed to Reopened

- Target version deleted (Version 2.4)

I have the same problem.

The command `composer.setComposition(composition)` work with python script. But the same code inside a plugin make Qgis Crash.

I work with Qgis 2.4

#8 - 2014-08-20 02:07 PM - Nyal Dawson

- Status changed from Reopened to Closed

Amandine - that's unlikely to be the same bug. Please open a new ticket and include a full python script which demonstrates this so that I can track it down.

Files

basic.qpt	5.7 KB	2014-06-05	Akbar Gumbira
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