

# QGIS Application - Bug report #4941

## sip crash on some 32bit platforms

2012-02-03 05:05 AM - Ricardo Silva

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Build/Install	
<b>Affected QGIS version:</b> master	<b>Regression?:</b> No
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 14739
<b>Description</b>	
<p>SIP crashes on various 32bit platforms (known are Debian wheezy/testing, unstable and Ubuntu natty and oneiric).</p> <p>Error message:</p> <pre>make[3]: Entering directory `/tmp/build/qgis-1.9.90+git20120202+16d0d2f~natty1/debian/build' [ 91%] Generating core/sipcorepart0.cpp, core/sipcorepart1.cpp, core/sipcorepart2.cpp, core/sipcorepart3.cpp  Segmentation fault make[3]: *** [python/core/sipcorepart0.cpp] Error 139</pre> <p>Subsequent runs produce:</p> <pre>[ 91%] Building CXX object python/CMakeFiles/python_module_qgis_core.dir/core/sipcorepart0.cpp.o /home/ricardo/dev/build_qgis_master/python/core/sipcorepart0.cpp:7:24: fatal error: sipAPIcore.h: No such file or directory compilation terminated.</pre> <p>See also <a href="http://lists.osgeo.org/pipermail/qgis-developer/2012-February/018063.html">http://lists.osgeo.org/pipermail/qgis-developer/2012-February/018063.html</a>.</p> <p>It's related to commit:2564e6a7, that introduces changes that make use of the exception support in SIP.</p>	
<b>Related issues:</b>	
Duplicated by QGIS Application - Bug report # 4944: GIT snapshot fails to bui...	<b>Closed</b> <b>2012-02-03</b>

### Associated revisions

Revision a406a883 - 2012-02-04 10:11 AM - Jürgen Fischer

fix #4941

### History

#1 - 2012-02-03 05:30 AM - Jürgen Fischer

- Subject changed from ubuntu compilation error sipAPIcore.h missing to sip crash

#2 - 2012-02-03 05:31 AM - Jürgen Fischer

- Subject changed from sip crash to sip crash on some 32bit platforms

#3 - 2012-02-03 05:53 AM - Alexander Bruy

Also confirmed on Fedora 16

Linux Fedora16 3.2.2-1.fc16.i686.PAE #1 SMP Thu Jan 26 03:30:43 UTC 2012 i686 i686 i386 GNU/Linux

SIP 4.13 (patch from <https://gist.github.com/1709985> applied) crashes with message

```
19306 Segmentation fault (core dumped) /usr/bin/sip -e -x QSETINT_CONVERSION -x QSETTYPE_CONVERSION -x VendorID
-t WS_X11 -x PyQt_NoPrintRangeBug -t Qt_4_7_2 -x Py_v3 -g -j 4 -c /home/yellow/GIT/qgis/build/python/core
-l /usr/share/sip/PyQt4 -l /home/yellow/GIT/qgis/python /home/yellow/GIT/qgis/python/core/core.sip
```

and build fails with

```
@@ /home/yellow/GIT/qgis/build/python/core/sipcorepart0.cpp:7:24: fatal error: sipAPIcore.h: No such file or directory
compilation terminated.
make[2]: *** [python/CMakeFiles/python_module_qgis_core.dir/core/sipcorepart0.cpp.o] Error 1
make[1]: *** [python/CMakeFiles/python_module_qgis_core.dir/all] Error 2
```

#### #4 - 2012-02-03 08:39 AM - Jürgen Fischer

- File sip4-4.13.1.diff added

Alexander Bruy wrote:

| SIP 4.13 (patch from <https://gist.github.com/1709985> applied) crashes with message

odd, the attached patch fixes the problem on Debian unstable i386 for me. I'm preparing a testcase to notify upstream.

#### #5 - 2012-02-03 12:06 PM - Jürgen Fischer

- File sip4-4.13.1.diff added

#### #6 - 2012-02-03 12:06 PM - Jürgen Fischer

- File deleted (sip4-4.13.1.diff)

#### #7 - 2012-02-03 12:26 PM - Jürgen Fischer

See also: <http://www.riverbankcomputing.com/pipermail/pyqt/2012-February/031093.html>

#### #8 - 2012-02-03 11:53 PM - Arunmozhi P

Fails in Ubuntu Oneiric (11.10) too, with SIP Version 4.12.4. The error ends as

```
make[2]: *** [python/CMakeFiles/python_module_qgis_core.dir/core/sipcorepart0.cpp.o] Error 1
make[1]: *** [python/CMakeFiles/python_module_qgis_core.dir/all] Error 2
```

make: \*\*\* [all] Error 2

**#9 - 2012-02-04 01:11 AM - Jürgen Fischer**

- *Status changed from Open to Closed*
- *% Done changed from 0 to 100*

Fixed in changeset commit:"a406a88381a7d8b5aae393bde6c7aeccad49d5b2".

**#10 - 2012-02-05 06:38 AM - Jürgen Fischer**

Jürgen Fischer wrote:

See also: <http://www.riverbankcomputing.com/pipermail/pyqt/2012-February/031093.html>

Fixed upstream: <http://www.riverbankcomputing.com/hg/sip/rev/1058b2c18309>

**Files**

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sip4-4.13.1.diff	614 Bytes	2012-02-03	Jürgen Fischer
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