

# QGIS Application - Bug report #4944

## GIT snapshot fails to build with segfault

2012-02-03 11:50 AM - Lucas Villa Real

<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> Linux	<b>Easy fix?:</b> No
<b>Pull Request or Patch Applied:</b> No	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b> Yes	<b>Copied to github as #:</b> 14741
<b>Description</b>	
<p>While trying to build from GIT, sip segfaults when executing this specific command line:</p> <pre>sip -e -x QSETINT_CONVERSION -x QSETTYPE_CONVERSION -x VendorID -t WS_X11 -x PyQt_NoPrintRangeBug -t Qt_4_7_1 -x Py_v3 -g -j 4 -c /Files/Compile/Sources/QGIS-git/_build/python/core -l /Programs/PyQt/4.9/Shared/sip -l /Files/Compile/Sources/QGIS-git/python /Files/Compile/Sources/QGIS-git/python/core/core.sip</pre>	
<p>The file given as input, python/core/core.sip, has a list of files that are included and processed by sip. The one which is causing trouble is python/core/qgexception.sip.</p>	
<p>Inspecting with gdb, it looks like appendCodeBlock() is being called by parser.py with an invalid value for \$5.type_header_code. That argument (which is expected to be a codeBlock ptr) has a constant value of 0x3ff00000, which is invalid. That pointer is afterwards dereferenced by generateCppClassCodeBlock() in gencode.c, which attempts to get the value of that codeBlock's "filename" member. I'm attaching a stack trace showing the context of the code when that weird argument is first received by appendCodeBlock().</p>	
<p>Since I'm not familiar with the structure of the code I'm stuck on the problem and seeking for some advice. Is there any particular requirements on the versions of the tools used to build QGIS from source? I remember having built it from source before without stepping on such problems.</p>	
<p>Thanks!</p>	
<b>Related issues:</b>	
Duplicates QGIS Application - Bug report # 4941: sip crash on some 32bit plat...	<b>Closed</b> <b>2012-02-03</b>

### History

#### #1 - 2012-02-03 12:21 PM - Jürgen Fischer

Thanks. I just tracked it down and came to the same conclusion :) See #4941 for details.

#### #2 - 2012-02-03 04:24 PM - Lucas Villa Real

Ah, nice! I just saw the patch -- thanks much for the fix!

#### #3 - 2012-02-04 01:11 AM - Jürgen Fischer

- Status changed from Open to Closed

Fixed in changeset commit:"a406a88381a7d8b5aae393bde6c7aeccad49d5b2".

## Files

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qgis-stacktrace.txt

161 KB

2012-02-03

Lucas Villa Real