

QGIS Application - Bug report #4944

GIT snapshot fails to build with segfault

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

Status:	Closed		
Priority:	Normal		
Assignee:			
Category:	Build/Install		
Affected QGIS version:	master		
Operating System:	Linux		
Pull Request or Patch applied:	No		
Crashes QGIS or corrupts data:	Yes	Regression?:	No
		Easy fix?:	No
		Resolution:	
		Copied to github as #:	14741
Description			
<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 generateCppCodeBlock() 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>			
Related issues:			
Duplicates QGIS Application - Bug report # 4941: sip crash on some 32bit plat...		Closed	2012-02-03

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

qgis-stacktrace.txt	161 KB	2012-02-03	Lucas Villa Real
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