

QGIS Application - Bug report #8826  
Cannot build python\_module\_qgis\_gui (2.0.1) with SIP 4.15.2

2013-10-11 05:57 PM - Dimitri Jakov

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Python plugins	
<b>Affected QGIS version:</b>	2.0.1	<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> 17519
<b>Description</b>		
<p>I'm trying to build QGIS 2.0.1 for Mageia Linux (Cauldron). The build breaks with the following output:</p> <pre>make[2]: Entering directory `/home/cauldron/qgis/BUILD/qgis-2.0.1/build' [ 87%] Generating gui/sipgui part0.cpp, gui/sipgui part1.cpp, gui/sipgui part2.cpp, gui/sipgui part3.cpp  Scanning dependencies of target python_module_qgis_gui make[2]: Leaving directory `/home/cauldron/qgis/BUILD/qgis-2.0.1/build' make[2]: Entering directory `/home/cauldron/qgis/BUILD/qgis-2.0.1/build' [ 87%] Building CXX object python/CMakeFiles/python_module_qgis_gui.dir/gui/sipgui part0.cpp.o [ 87%] Building CXX object python/CMakeFiles/python_module_qgis_gui.dir/gui/sipgui part1.cpp.o [ 87%] Building CXX object python/CMakeFiles/python_module_qgis_gui.dir/gui/sipgui part2.cpp.o [ 88%] Building CXX object python/CMakeFiles/python_module_qgis_gui.dir/gui/sipgui part3.cpp.o /usr/share/sip/PyQt4/QtGui/qsyntaxhighlighter.sip: In function 'PyObject* meth_QgsExpressionHighlighter_setCurrentBlockUserData(PyObject*, PyObject*, PyObject*)': /usr/share/sip/PyQt4/QtGui/qsyntaxhighlighter.sip:78:77: error: 'qtgui_wrap_ancestors' was not declared in this scope     PyObject *py_td = qtgui_wrap_ancestors(td, sipType_QTextDocument);                                    ^ make[2]: *** [python/CMakeFiles/python_module_qgis_gui.dir/gui/sipgui part3.cpp.o] Error 1 make[2]: Leaving directory `/home/cauldron/qgis/BUILD/qgis-2.0.1/build' make[1]: *** [python/CMakeFiles/python_module_qgis_gui.dir/all] Error 2 make[1]: Leaving directory `/home/cauldron/qgis/BUILD/qgis-2.0.1/build' make: *** [all] Error 2 make: Leaving directory `/home/cauldron/qgis/BUILD/qgis-2.0.1/build' error: Bad exit status from /home/cauldron/qgis/BUILDROOT/rpm-tmp.ueY3B9 (%install)</pre> <p>In Mageia Cauldron, we've got python-sip 4.15.2 and python-qt4 4.10.3. Earlier I've experienced two other SIP-related issues, namely #8507 and #8601, and applied the corresponding patches.</p> <p>At the same time, I'm able to run main QGIS binary from the build dir. The message box is shown about PyQGIS unavailability, but the program seems to work.</p>		

History

#1 - 2013-10-11 05:59 PM - Dimitri Jakov

While this issue remains open, can I temporarily disable PyQGIS completely, so my RPM build succeeds? Thanks!

**#2 - 2013-10-14 03:06 PM - Neophytos Kolokotronis**

Fwiw, I can replicate this error while trying to build this package for Chakra, using the same package versions as Dimitri Jakov above. I had the same issues and patched those, and now the build is failing with this.

**#3 - 2013-10-26 08:30 AM - Dimitri Jakov**

*- Status changed from Open to Closed*

I was able to build QGIS 2.0.1 after I've updated to SIP 4.15.3 and PyQt 4.10.4 (dev snapshot). Until PyQt 4.10.4 is released, one can temporarily disable Python bindings using `-DWITH_BINDINGS:BOOL=FALSE` CMake flag. In this case, most of the plugins will be unavailable. Also do not forget to apply SIP-related patches (see Mageia package sources).