

QGIS Application - Bug report #10596

error compiling against python2-pyqt4 4.11

2014-06-15 09:39 PM - Donovan Cameron

Status: Closed	
Priority: Normal	
Assignee:	
Category: Build/Install	
Affected QGIS version: 2.2.0	Regression?: No
Operating System: Arch Linux	Easy fix?: No
Pull Request or Patch supplied: No	Resolution:
Crashes QGIS or corrupts data: No	Copied to github as #: 19001
Description	
<p>It looks like the pyqtconfig module might not be compiled by default anymore in pyqt4 4.11.</p> <p>QGIS 2.2 can't compile against python2-pyqt4 4.11 and gives the following error because of a missing module (pyqtconfig).</p> <p>Traceback (most recent call last): File "/tmp/makepkg/qgis/src/qgis-2.2.0/cmake/FindPyQt.py", line 33, in <module> import PyQt4.pyqtconfig ImportError: No module named pyqtconfig -- Found QScintilla2 PyQt4 module: 2.8.1 CMake Error at cmake/PyQt4Macros.cmake:48 (MESSAGE): pyrcc4 not found - aborting Call Stack (most recent call first): CMakeLists.txt:570 (INCLUDE)</p> <p>There's some info at http://pyqt.sourceforge.net/Docs/PyQt4/build_system.html#the-pyqt4-build-system that describes the recent changes in building pyqt4.</p>	

Associated revisions

Revision f4b3ad03 - 2015-02-25 07:32 PM - Jürgen Fischer

use PyQt4 where deprecated pyqtconfig is unavailable (fixes #10596 and fixes #11465)

Revision dd8c99b5 - 2015-02-26 08:42 AM - Jürgen Fischer

use PyQt4 where deprecated pyqtconfig is unavailable (fixes #10596 and fixes #11465)

History

#1 - 2014-06-16 11:45 PM - Donovan Cameron

- Status changed from Open to Closed

Looks like it could be an upstream issue and a patch may be applied in about a week or so.

<http://www.riverbankcomputing.com/pipermail/pyqt/2014-June/034349.html>

http://sources.debian.net/src/python-qt4/4.11+dfsg-1/debian/patches/add_pro_files.diff

#2 - 2014-06-19 03:53 PM - Donovan Cameron

- Status changed from Closed to Reopened

I'm not sure if pyqtconfig is going to be available anymore (for newer versions of pyqt4 anyways, especially if packages maintainers start to configure pyqt4 with the new configure-ng.py script instead of the old configure.py).

From http://pyqt.sourceforge.net/Docs/PyQt4/build_system.html#the-pyqt4-build-system

Starting with v4.10, PyQt4.QtCore.PYQT_CONFIGURATION is a dict that describes how PyQt was configured. At the moment it contains a single value called sip_flags which is a string containing the appropriate -t and -x flags.

So instead of calling import PyQt4.pyqtconfig does that mean the QGIS configure needs to call PyQt4.QtCore.PYQT_CONFIGURATION from now on?

#3 - 2014-06-25 09:36 AM - Donovan Cameron

@sip: Unable to find file "QtCore/QtCoremod.sip"

python/CMakeFiles/python_module_qgis_analysis.dir/build.make:283: recipe for target 'python/analysis/sipanalysispart0.cpp' failed

```
[root@localhost ~]# find /usr -name QtCoremod.sip
```

```
/usr/share/sip/QtCore/QtCoremod.sip
```

```
[root@localhost ~]# pacman -Qo /usr/share/sip/QtCore/QtCoremod.sip
```

```
/usr/share/sip/QtCore/QtCoremod.sip is owned by python2-pyqt4 4.11-2@
```

Looks like it's having trouble finding some files during the compile stage. Build is failing on Master (2.3) too.

EDIT: The sip issue has been resolved after sip was updated, but the pyqtconfig issue looks like it'll remain for linux distros because it's been planned for deprecation.

#4 - 2014-06-25 10:09 AM - Donovan Cameron

Looks like the "QtCore/QtCoremod.sip" file issue is a duplicate of #8857

But the missing pyqtconfig python module is planned for deprecation now I think.

#5 - 2015-02-25 10:33 AM - Jürgen Fischer

- Status changed from Reopened to Closed

Fixed in changeset commit:"f4b3ad033aebcb4788d517a082e8bfbef83341f1".