

QGIS Application - Bug report #13812

Couldn't load PyQGIS.

2015-11-12 02:56 AM - Sandro Santilli

Status: Closed	
Priority: Normal	
Assignee:	
Category: Python plugins	
Affected QGIS version: master	Regression?: No
Operating System: Ubuntu 14.04.3 LTS	Easy fix?: No
Pull Request or Patch supplied: No	Resolution: fixed/implemented
Crashes QGIS or corrupts data: No	Copied to github as #: 21837

Description

QGIS master fails to support Python on Ubuntu 14.04, raises this error on starting from the build dir:

```
Couldn't load PyQGIS.  
Python support will be disabled.
```

```
getValue() did not return a string
```

```
Python version:  
2.7.6 (default, Jun 22 2015, 18:01:27)  
[GCC 4.8.2]
```

```
QGIS version:  
2.13.0-Master 'Master', 6e1df49
```

```
Python path:  
['/usr/src/qgis/build/master/output/python', u'/home/strk/.qgis2/python', u'/home/strk/.qgis2/python/plugins',  
'/usr/src/qgis/build/master/output/python/plugins', '/usr/local/lib/python2.7/dist-packages/nik2img-0.8.0-py2.7.egg',  
'/usr/local/lib/python2.7/dist-packages/multicorn-1.0.3_dev-py2.7-linux-x86_64.egg',  
'/usr/local/lib/python2.7/dist-packages/GDAL-1.11.0-py2.7-linux-x86_64.egg', '/usr/lib/python2.7/dist-packages',  
'/usr/local/lib/python2.7/dist-packages/cartman-0.2.3-py2.7.egg', '/usr/lib/python2.7', '/usr/lib/python2.7/plat-x86_64-linux-gnu',  
'/usr/lib/python2.7/lib-tk', '/usr/lib/python2.7/lib-old', '/usr/lib/python2.7/lib-dynload', '/usr/local/lib/python2.7/dist-packages',  
'/usr/lib/python2.7/dist-packages/PILcompat', '/usr/lib/python2.7/dist-packages/gtk-2.0', '/usr/lib/pymodules/python2.7',  
'/usr/lib/python2.7/dist-packages/ubuntu-ssoclient', '/usr/lib/python2.7/dist-packages/ubuntuone-client',  
'/usr/lib/python2.7/dist-packages/ubuntuone-control-panel', '/usr/lib/python2.7/dist-packages/ubuntuone-storage-protocol',  
'/usr/lib/python2.7/dist-packages/wx-2.8-gtk2-unicode']
```

Note that 2.8 branch has no problems with python (when also started from build dir)

History

#1 - 2015-11-13 02:16 AM - Giovanni Manghi

- Status changed from Open to Feedback

no problems here on the same platform.

#2 - 2015-11-13 02:47 AM - Sandro Santilli

this was with commit 6e1df491f64bff1b778502d7d53f37256afcd6f6 and the configuration script is:

```
DEB_BUILD_MULTIARCH=`dpkg-architecture -qDEB_BUILD_MULTIARCH` # returns x86_64-linux-gnu

cmake \
-D PYTHON_LIBRARY=/usr/lib/${DEB_BUILD_MULTIARCH}/libpython2.7.so \
-D CMAKE_BUILD_TYPE=Debug \
-D WITH_SERVER=ON \
-D WITH_STAGED_PLUGINS=ON \
-D ENABLE_TESTS=1 \
-D CMAKE_CXX_COMPILER_FILEPATH=/usr/lib/ccache/g++ \
-D WITH_ASTYLE=1 \
-D WITH_INTERNAL_QWTPOLAR=1
```

The build happens in a newly created dir.

#3 - 2015-11-13 09:07 AM - Giovanni Manghi

| *The build happens in a newly created dir.*

I can compile but I usually don't. It works ok if you install master with the nightly repo.

#4 - 2015-12-02 07:22 AM - Sandro Santilli

I'm still having this problem as of commit 8996be9ad1c8c78c8994a9c9628a17bd684abf4e (December 2, 2015).

#5 - 2015-12-02 07:34 AM - Sandro Santilli

Sorry, on a more careful read of the error, the message is now different:

```
Couldn't load PyQGIS.
Python support will be disabled.
```

```
Traceback (most recent call last):
  File "", line 1, in
  File "/usr/src/qgis/build/master/output/python/qgis/__init__.py", line 36, in
    from qgis.core import QgsFeature, QgsGeometry
  File "/usr/src/qgis/build/master/output/python/qgis/core/__init__.py", line 9, in
    from qgis._core import *
ImportError: No module named QSql
```

```
Python version:
2.7.6 (default, Jun 22 2015, 18:01:27)
[GCC 4.8.2]
```

```
QGIS version:
2.13.0-Master 'Master', 8996be9
```

Python path:

```
['/usr/src/qgis/build/master/output/python', u'/home/strk/.qgis2/python', u'/home/strk/.qgis2/python/plugins',  
'/usr/src/qgis/build/master/output/python/plugins', '/usr/local/lib/python2.7/dist-packages/nik2img-0.8.0-py2.7.egg',  
'/usr/local/lib/python2.7/dist-packages/multicorn-1.0.3_dev-py2.7-linux-x86_64.egg',  
'/usr/local/lib/python2.7/dist-packages/GDAL-1.11.0-py2.7-linux-x86_64.egg', '/usr/lib/python2.7/dist-packages',  
'/usr/local/lib/python2.7/dist-packages/cartman-0.2.3-py2.7.egg', '/usr/lib/python2.7', '/usr/lib/python2.7/plat-x86_64-linux-gnu',  
'/usr/lib/python2.7/lib-tk', '/usr/lib/python2.7/lib-old', '/usr/lib/python2.7/lib-dynload', '/usr/local/lib/python2.7/dist-packages',  
'/usr/lib/python2.7/dist-packages/PILcompat', '/usr/lib/python2.7/dist-packages/gtk-2.0', '/usr/lib/pymodules/python2.7',  
'/usr/lib/python2.7/dist-packages/ubuntu-sso-client', '/usr/lib/python2.7/dist-packages/ubuntuone-client',  
'/usr/lib/python2.7/dist-packages/ubuntuone-control-panel', '/usr/lib/python2.7/dist-packages/ubuntuone-storage-protocol',  
'/usr/lib/python2.7/dist-packages/wx-2.8-gtk2-unicode']
```

Also happens after wiping out the ~/.qgis2 directory

Is QtSql a new dependency?

\\cc @elpaso

#6 - 2015-12-02 07:36 AM - Sandro Santilli

I find python3-pyqt4.qtsql and python3-pyqt5.qtsql packaged, but none for python 2.7, which I'm using.
Is python 2.7 still supposed to be supported by qgis-2.12 ?

#7 - 2015-12-02 07:46 AM - Sandro Santilli

Both the db_manager and the processing plugins use the QtSql package.
No plugin did that in QGIS 2.8.

#8 - 2015-12-02 07:51 AM - Luigi Pirelli

Sandro Santilli wrote:

```
| Both the db_manager and the processing plugins use the QtSql package.  
| No plugin did that in QGIS 2.8.
```

```
libqt4-sql  
and  
python-qt4-sql
```

#9 - 2015-12-02 07:54 AM - Sandro Santilli

- Status changed from Feedback to Closed
- Resolution set to fixed/implemented

Installing python-qt4-sql fixed the issue, thanks Luigi Pirelli for the hint.
The getvalue() I cannot reproduce anymore so assuming fixed.

#10 - 2018-06-09 10:36 PM - Akkal Bist

Hello this is my error in ubuntu 18.04 and i am unable to install OpenLayerPlugin

akkal@akkal-HP:~\$ qgis

Warning: libpng warning: iCCP: known incorrect sRGB profile

Warning: libpng warning: iCCP: known incorrect sRGB profile

"Couldn't load PyQGIS.
Python support will be disabled.

Python version:
3.6.5 (default, Apr 1 2018, 05:46:30)
[GCC 7.3.0]

QGIS version:
3.0.3-Girona 'Girona', 8a899c8

Python
path:
['/usr/share/qgis/python', '/home/akkal/.local/share/QGIS/QGIS3/profiles/default/python',
'/home/akkal/.local/share/QGIS/QGIS3/profiles/default/python/plugins', '/usr/share/qgis/python/plugins', '/home/akkal/anaconda3/lib/python36.zip',
'/home/akkal/anaconda3/lib/python3.6', '/home/akkal/anaconda3/lib/python3.6/lib-dynload', '/home/akkal/anaconda3/lib/python3.6/site-packages']"