# QGIS Application - Bug report #13693
# Unable to open a python script from the python editor

2015-10-28 04:34 AM - Alessandro Frigeri

| | | | |
|---|---|---|---|
| **Status:** | Closed | | |
| **Priority:** | Normal | | |
| **Assignee:** | | | |
| **Category:** | PyQGIS Console | | |
| **Affected QGIS version:** | master | **Regression?:** | No |
| **Operating System:** | GNU/Linux | **Easy fix?:** | No |
| **Pull Request or Patch supplied:** | No | **Resolution:** | |
| **Crashes QGIS or corrupts data:** | No | **Copied to github as #:** | 21723 |

**Description**

Hello,

on 2.12.0-Lyon, trying to load a python script via GUI (Python console -> show editor -> open file), I do not get the file selection window but this error:

An error has occured while executing Python code:

TypeError: QFileDialog.getOpenFileNames(QWidget parent=None, QString caption=QString(), QString directory=QString(), QString filter=QString(), QString selectedFilter=None, QFileDialog.Options options=0): argument 3 has unexpected type 'QDir'
Traceback (most recent call last):
  File "/usr/share/qgis/python/console/console.py", line 639, in openScriptFile
    self, openFileTr, lastDirPath, "Script file (*.py)")
TypeError: QFileDialog.getOpenFileNames(QWidget parent=None, QString caption=QString(), QString directory=QString(), QString filter=QString(), QString selectedFilter=None, QFileDialog.Options options=0): argument 3 has unexpected type 'QDir'

Python version: 2.7.6 (default, Jun 22 2015, 18:01:27) [GCC 4.8.2]
QGIS version: 2.12.0-Lyon Lyon, exported

Python Path:
/usr/share/qgis/python/plugins/processing
/home/alf/.qgis2/python/plugins/postgis_geoprocessing
/usr/share/qgis/python
/home/alf/.qgis2/python
/home/alf/.qgis2/python/plugins
/usr/share/qgis/python/plugins
/usr/local/lib/python2.7/dist-packages/GDAL-1.10.1-py2.7-linux-x86_64.egg
/home/alf/opt/crism
/opt/madagascar-1.2/lib/python2.7/dist-packages
/opt/madagascar-1.2/lib
/home/alf/gitwrk/lib/python/radalf
/home/alf/gitwrk/work/lib/python
/home/alf/gitwrk/crism
/home/alf/gitwrk/sillyolimpics/sillyolympics
/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
/home/alf/.local/lib/python2.7/site-packages

/usr/local/lib/python2.7/dist-packages
/usr/lib/python2.7/dist-packages
/usr/lib/python2.7/dist-packages/Numeric
/usr/lib/python2.7/dist-packages/PILcompat
/usr/lib/python2.7/dist-packages/gst-0.10
/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/wx-2.8-gtk2-unicode
/home/alf/.qgis2//python
/home/alf/.qgis2/python/plugins
/usr/share/qgis/python/plugins/fTools/tools

OTHER INFO
running:
QGIS version 2.12.0-Lyon
QGIS code revision exported
Compiled against Qt 4.8.6
Running against Qt 4.8.6
Compiled against GDAL/OGR 1.11.2
Running against GDAL/OGR 1.11.2
Compiled against GEOS 3.4.2-CAPI-1.8.2
Running against GEOS 3.4.2-CAPI-1.8.2 r3921
PostgreSQL Client Version 9.3.4
SpatiaLite Version 4.1.1
QWT Version 5.2.3
PROJ.4 Version 480
QScintilla2 Version 2.8.1

hope it helps,

best

Alessandro

## Associated revisions

**Revision c866dcce - 2015-10-28 02:52 PM - Salvatore Larosa**

[pyqgis-console] fixes #13693: fix default value in settings for the last used directory when opening a script file

## History

**#1 - 2015-10-28 06:51 AM - Salvatore Larosa**

*- Status changed from Open to Closed*

Fixed in changeset commit:"c866dcce8fd0a455da991f6137bae65e48f9b54e".

**#2 - 2015-10-28 06:53 AM - Salvatore Larosa**

I don't know why this was not happening before, anyway commit:c866dcc fixes the problem.

as workaround you can run the following in the console:

    from PyQt4.QtCore import QSettings, QDir
    settings = QSettings()
    settings.setValue("pythonConsole/lastDirPath", QDir.homePath())

**#3 - 2015-10-28 07:38 AM - Alessandro Frigeri**

Salvatore, the workaround above fixed permanently the problem.  thanks!  alessandro

**#4 - 2015-11-03 02:17 AM - Remi Lemoy**

Hello,

I have the same problem (on Mac OS 10.11.1 with Qgis 2.12.0 from kyngchaos), but the workaround does not work for me, it just changes the error to a quite similar one:

2015-11-03T11:13:37    1    Traceback (most recent call last):

     File "/Applications/QGIS.app/Contents/MacOS/../Resources/python/console/console.py", line 639, in openScriptFile

       self, openFileTr, lastDirPath, "Script file (*.py)")

    TypeError: QFileDialog.getOpenFileNames(QWidget parent=None, QString caption=QString(), QString directory=QString(), QString filter=QString(), QString selectedFilter=None, QFileDialog.Options options=0): argument 3 has unexpected type 'QPyNullVariant'

Is there another workaround?

Best,

    Rémi

**#5 - 2015-11-03 03:21 AM - Salvatore Larosa**

Hi Remi,

I edited the above comment which should to work for you as well #13693-2

**#6 - 2015-11-03 04:59 AM - Remi Lemoy**

Thank you Salvatore!! It works indeed.

Best,

Rémi

**#7 - 2017-08-08 12:41 AM - Jürgen Fischer**

*- Description updated*