QGIS Application - Feature request #17735
Add tools for Py3Qt5 in OSGeo4W

2017-12-21 01:20 PM - Loïc BARTOLETTI

Status:	Open		
Priority:	Normal		
Assignee:	Jürgen Fischer		
Category:	Windows Package		
Pull Request or Patch supplied:		**Resolution:**	
Easy fix?:	No	**Copied to github as #:**	25631

Description

Hi,

Can we have in the osgeo4w package the usual tools to build python plugins in QGis (qt5-designer, pyuic5, QGis 2.9/3 custom widgets...)?

Regards

History

#1 - 2017-12-22 07:27 AM - Harrissou Santanna

Loïc, enable qt5-tools package in osgeo4w and you should get qt5-designer/linguist. i also see a pyqt5 package (i don't know if it's py3 but worth a check)

#2 - 2017-12-22 08:25 AM - Loïc BARTOLETTI

Thank you Harrissou,

With a double check, I saw that qt5-designer is installed into the Qt5 directory.

I never seen it before because it's not in the windows menu. Also, there is no batch file to launch it with QGis 3 widgets. I have created this file, don't know if it's well written.

```
@echo off
call "%~dp0\o4w_env.bat"
call qt5_env.bat
call py3_env.bat
path %OSGEO4W_ROOT%\apps\qgis-dev\bin;%PATH%
set QGIS_PREFIX_PATH=%OSGEO4W_ROOT:\=/%/apps/qgis-dev
set QT_PLUGIN_PATH=%OSGEO4W_ROOT%\apps\qgis-dev\qtplugins;%OSGEO4W_ROOT%\apps\Qt5\plugins
start "Qt Designer 5 with QGIS custom widgets" /B ..\apps\Qt5\bin\designer.exe %*
```

Also with the OSGeo4W shell, I can run pyrcc4, pyuic4 but not pyrcc5, pyuic5 (command not found). If I run C:\OSGeo4W64\apps\Python36\Scripts\pyrcc5.bat Phyton crash.

```
C:\>C:\OSGeo4W64\apps\Python36\Scripts\pyrcc5.bat
Fatal Python error: Py_Initialize: unable to load the file system codec
  File "C:\OSGEO4~1\apps\Python27\lib\encodings\__init__.py", line 123
    raise CodecRegistryError,\
                            ^
SyntaxError: invalid syntax
```
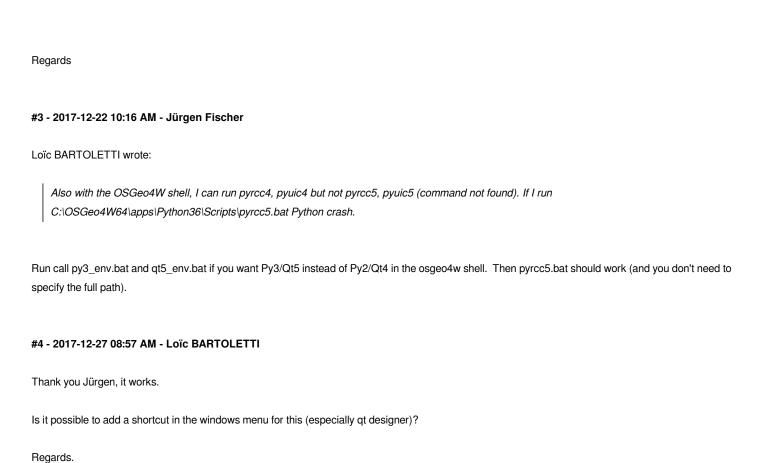
Current thread 0x0000047c (most recent call first):

Regards

#3 - 2017-12-22 10:16 AM - Jürgen Fischer

Loïc BARTOLETTI wrote:

> *Also with the OSGeo4W shell, I can run pyrcc4, pyuic4 but not pyrcc5, pyuic5 (command not found). If I run*
> *C:\OSGeo4W64\apps\Python36\Scripts\pyrcc5.bat Python crash.*

Run call py3_env.bat and qt5_env.bat if you want Py3/Qt5 instead of Py2/Qt4 in the osgeo4w shell. Then pyrcc5.bat should work (and you don't need to specify the full path).

#4 - 2017-12-27 08:57 AM - Loïc BARTOLETTI

Thank you Jürgen, it works.

Is it possible to add a shortcut in the windows menu for this (especially qt designer)?

Regards.