

QGIS Application - Bug report #16329

osgeo4w64, unable to run python3 in command box

2017-03-09 12:56 AM - Richard Duivenvoorde

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Build/Install	
Affected QGIS version:	master	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:		Resolution:
Crashes QGIS or corrupts data:		Copied to github as #: 24239
Description		
Trying to test a python problem in QGIS3 via python on cli in osgeo4w64 (installed via osgeo4w installer in c:\\osgeo4w64), I open a commandbox by running the bat file: c:\\osgeo4w64\\OSGeo4W.bat Then trying to start python3, I get the following (see also screendump) (This is on WindowsServer2008 machine.) GDAL 2.1.3, released 2017/20/01 C:\\osgeo4w64>python3 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 0x00001b60 (most recent call first): C:\\osgeo4w64>		

History

#1 - 2017-03-09 01:05 AM - Richard Duivenvoorde

Some googling:

<http://stackoverflow.com/questions/18946286/python3-installed-successfully-but-cannot-be-opened-in-terminal>

apparently it is mixing python2 and python3 stuff, because python2 is in path?

Indeed when I type:

C:\\osgeo4w64>path

PATH=C:\\OSGEO4~1\\apps\\Python27\\Scripts;C:\\OSGEO4~1\\bin;C:\\Windows\\system32;C:\\Windows;C:\\Windows\\WBem;C:\\OSGEO4~1\\apps\\sys\\bin

it is pointing to the Python27 dir?

maybe a more thorough cleanup of PATH (only for python3.bat/bin?)

#2 - 2017-03-09 01:40 AM - Giovanni Manghi

- *Target version set to Version 3.0*
- *Category set to Build/Install*

#3 - 2017-03-09 02:34 AM - Jürgen Fischer

- *Status changed from Open to Closed*

1. Not a QGIS issue.
2. run call py3_env.bat first (also call qt5_env.bat if you want to use PyQt5)
3. use python-qgis.bat (that runs both and provides the environment to import qgis)

Files

py3.png	21.1 KB	2017-03-08	Richard Duivenvoorde
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