

QGIS Application - Bug report #9573

hostnames with non-ascii characters cause python console to fail.

2014-02-16 08:42 AM - Robert Rous

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	PyQGIS Console	
Affected QGIS version:	master	Regression?: No
Operating System:	windows	Easy fix?: No
Pull Request or Patch supplied:	no	Resolution:
Crashes QGIS or corrupts data:	no	Copied to github as #: 18156
Description		
Can't open Python consoler right after a clean install. This could be caused by my username in Windows which contains Czech characters but I tried it under the guest account and had the same error. Failed to open Python console: Traceback (most recent call last): File "", line 2, in File "C:/PROGRA~1/QGISDU~1/apps/qgis/.python\\console\\console.py", line 43, in show_console _console = PythonConsole(parent) File "C:/PROGRA~1/QGISDU~1/apps/qgis/.python\\console\\console.py", line 75, in __init__ self.console = PythonConsoleWidget(self) File "C:/PROGRA~1/QGISDU~1/apps/qgis/.python\\console\\console.py", line 103, in __init__ self.shellOut = ShellOutputScintilla(self) File "C:/PROGRA~1/QGISDU~1/apps/qgis/.python\\console\\console_output.py", line 97, in __init__ self.insertInitText() File "C:/PROGRA~1/QGISDU~1/apps/qgis/.python\\console\\console_output.py", line 139, in insertInitText socket.gethostname() UnicodeDecodeError: 'ascii' codec can't decode byte 0x9d in position 3: ordinal not in range(128) Python version: 2.7.5 (default, May 15 2013, 22:44:16) [MSC v.1500 64 bit (AMD64)] QGIS version: 2.0.1-Dufour 'Dufour', d94c044 Python path: [C:/PROGRA~1/QGISDU~1/apps/qgis/.python/plugins\\processing', 'C:/PROGRA~1/QGISDU~1/apps/qgis/.python', 'C:\\\\Users\\\\Smr\\x9dokv\\xedtek.qgis2/python', 'C:\\\\Users\\\\Smr\\x9dokv\\xedtek.qgis2/python/plugins', 'C:/PROGRA~1/QGISDU~1/apps/qgis/.python/plugins', 'C:\\\\PROGRA~1\\\\QGISDU~1\\\\bin\\\\python27.zip', 'C:\\\\PROGRA~1\\\\QGISDU~1\\\\apps\\\\Python27\\\\DLLs', 'C:\\\\PROGRA~1\\\\QGISDU~1\\\\apps\\\\Python27\\\\lib', 'C:\\\\PROGRA~1\\\\QGISDU~1\\\\apps\\\\Python27\\\\lib\\\\plat-win', 'C:\\\\PROGRA~1\\\\QGISDU~1\\\\apps\\\\Python27\\\\lib\\\\lib-tk', 'C:\\\\PROGRA~1\\\\QGISDU~1\\\\bin', 'C:\\\\PROGRA~1\\\\QGISDU~1\\\\apps\\\\Python27', 'C:\\\\PROGRA~1\\\\QGISDU~1\\\\apps\\\\Python27\\\\lib\\\\site-packages', 'C:\\\\PROGRA~1\\\\QGISDU~1\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\PIL', 'C:\\\\PROGRA~1\\\\QGISDU~1\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\win32', 'C:\\\\PROGRA~1\\\\QGISDU~1\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\win32\\\\lib', 'C:\\\\PROGRA~1\\\\QGISDU~1\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\Pythonwin', 'C:\\\\PROGRA~1\\\\QGISDU~1\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\Shapely-1.2.18-py2.7-win-amd64.egg', 'C:\\\\PROGRA~1\\\\QGISDU~1\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\six-1.3.0-py2.7.egg',		

```
'C:\\\\PROGRA~1\\\\QGISDU~1\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\wx-2.8-msw-unicode',  
'C:\\\\PROGRA~1\\\\QGISDU~1\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\xlrd-0.9.2-py2.7.egg',  
'C:\\\\PROGRA~1\\\\QGISDU~1\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\xlwt-0.7.5-py2.7.egg',  
'C:\\\\PROGRA~1\\\\QGISDU~1\\\\apps\\\\qgis\\\\python\\\\plugins\\\\fTools\\\\tools']
```

History

#1 - 2014-02-16 01:09 PM - Giovanni Manghi

- Status changed from Open to Feedback
- Target version changed from Version 2.0.0 to Version 2.2

Chars like "ä" or "ç" in the username are not an issue here on Windows 7 on both qgis 2 and master.

#2 - 2014-02-19 12:22 PM - Matthias Kuhn

What is your system's hostname?

#3 - 2014-02-19 12:31 PM - Matthias Kuhn

Likely related: <http://bugs.python.org/issue9377>

#4 - 2014-02-24 10:14 AM - Raphael Luthi

- Target version changed from Version 2.2 to Version 2.0.0

I've got the same problem:

Operating System: Windows 7 (64 bit)

QGIS: 2.0.1 - Dufour

Installation: osgeo4w (64bit)

Error Message:

Failed to open Python console:

Traceback (most recent call last):

File "", line 2, in

File "C:/OSGEO4~1/apps/qgis/.python\console\console.py", line 43, in show_console

_console = PythonConsole(parent)

File "C:/OSGEO4~1/apps/qgis/.python\console\console.py", line 75, in __init__

self.console = PythonConsoleWidget(self)

File "C:/OSGEO4~1/apps/qgis/.python\console\console.py", line 103, in __init__

self.shellOut = ShellOutputScintilla(self)

File "C:/OSGEO4~1/apps/qgis/.python\console\console_output.py", line 97, in __init__

self.insertInitText()

File "C:/OSGEO4~1/apps/qgis/.python\console\console_output.py", line 139, in insertInitText

```
socket.gethostname())
```

UnicodeDecodeError: 'ascii' codec can't decode byte 0xeb in position 5: ordinal not in range(128)

Python version:

2.7.5 (default, May 15 2013, 22:44:16) [MSC v.1500 64 bit (AMD64)]

QGIS version:

2.0.1-Dufour 'Dufour', d94c044

Python path:

```
['C:/OSGEO4~1/apps/qgis/.python/plugins\\processing', 'C:/OSGEO4~1/apps/qgis/.python', 'C:\\\\Users\\aphael_luthi/.qgis2/python', 'C:\\\\Users\\aphael_luthi/.qgis2/python/plugins', 'C:/OSGEO4~1/apps/qgis/.python/plugins', 'C:\\\\OSGEO4~1\\bin\\python27.zip', 'C:\\\\OSGEO4~1\\apps\\Python27\\DLLs', 'C:\\\\OSGEO4~1\\apps\\Python27\\lib', 'C:\\\\OSGEO4~1\\apps\\Python27\\lib\\plat-win', 'C:\\\\OSGEO4~1\\apps\\Python27\\lib\\lib-tk', 'C:\\\\OSGEO4~1\\bin', 'C:\\\\OSGEO4~1\\apps\\Python27', 'C:\\\\OSGEO4~1\\apps\\Python27\\lib\\site-packages', 'C:\\\\OSGEO4~1\\apps\\Python27\\lib\\site-packages\\PIL', 'C:\\\\OSGEO4~1\\apps\\Python27\\lib\\site-packages\\win32', 'C:\\\\OSGEO4~1\\apps\\Python27\\lib\\site-packages\\win32\\lib', 'C:\\\\OSGEO4~1\\apps\\Python27\\lib\\site-packages\\Pythonwin', 'C:\\\\OSGEO4~1\\apps\\Python27\\lib\\site-packages\\Shapely-1.2.18-py2.7-win-amd64.egg', 'C:\\\\OSGEO4~1\\apps\\Python27\\lib\\site-packages\\six-1.3.0-py2.7.egg', 'C:\\\\OSGEO4~1\\apps\\Python27\\lib\\site-packages\\wx-2.8-msw-unicode', 'C:\\\\OSGEO4~1\\apps\\Python27\\lib\\site-packages\\xlrd-0.9.2-py2.7.egg', 'C:\\\\OSGEO4~1\\apps\\Python27\\lib\\site-packages\\xlwt-0.7.5-py2.7.egg', 'C:\\\\OSGEO4~1\\apps\\qgis\\python\\plugins\\fTools\\tools']
```

#5 - 2014-02-24 11:22 AM - Jürgen Fischer

- OS version changed from 7 professional 64b to 7 professional 64b

Raphael Luthi wrote:

| I've got the same problem:

And your hostname is?

#6 - 2014-02-27 02:14 AM - Salvatore Larosa

- Affected QGIS version changed from 2.0.1 to master

- Target version changed from Version 2.0.0 to Version 2.4

#7 - 2014-02-27 02:35 AM - Raphael Luthi

My host name is "Raphaël-PC".

#8 - 2014-02-27 02:52 AM - Raphael Luthi

I changed my host name and now it works fine. Thank you!

#9 - 2014-02-27 03:06 AM - Salvatore Larosa

Hi Raphael,

can you try to change the file console_output.py to the line 139
by replacing with the following: `unicode(socket.gethostname())`
in order to understand if it is a trivial fix?

You have to use the hostname with non-ascii chars though.

#10 - 2014-02-27 03:20 AM - Raphael Luthi

The line 139 is `"self.selectAllShortcut.activated.connect(self.selectAll)"`

Should I replace the whole line by `unicode "socket.gethostname()"`?

#11 - 2014-02-27 04:18 AM - Salvatore Larosa

Sorry, I meant to the line 145: https://github.com/qgis/QGIS/blob/master/python/console/console_output.py#L145

#12 - 2014-03-01 08:27 AM - Jürgen Fischer

- Target version changed from Version 2.4 to Future Release - High Priority

#13 - 2014-03-17 03:34 PM - Tim Paysen

I've had the same problem with the last few releases of QGIS. It used to mention problems opening 'SIP', but no longer does that...it just can't open python.
Here is my current version:

```
QGIS version 2.2.0-Valmiera QGIS code revision c3a2817
Compiled against Qt 4.8.5 Running against Qt 4.8.5
Compiled against GDAL/OGR 1.10.1 Running against GDAL/OGR 1.10.1
Compiled against GEOS 3.4.2-CAPI-1.8.2 Running against GEOS 3.4.2-CAPI-1.8.2 r3921
PostgreSQL Client Version 9.2.4 Spatialite Version 4.1.1
QWT Version 5.2.3 PROJ.4 Version 480
QScintilla2 Version 2.7.2
```

and the error message:

```
Couldn't load SIP module.
Python support will be disabled.
```

```
Traceback (most recent call last):
  File "", line 1, in
ImportError: DLL load failed: %1 is not a valid Win32 application.
```

```
Python version:
2.7.5 (default, May 15 2013, 22:44:16) [MSC v.1500 64 bit (AMD64)]
```

```
QGIS version:
```

Python path:

```
['C:/PROGRA~1/QGISVA~1/apps/qgis/.python', u'C:/Users/Tim/.qgis2/python', u'C:/Users/Tim/.qgis2/python/plugins',  
'C:/PROGRA~1/QGISVA~1/apps/qgis/.python/plugins', 'C:\\\\Python27', 'C:\\\\Python27\\\\Lib\\\\site-packages\\\\  
umpy', 'C:\\\\Python27\\\\tcl', 'C:\\\\Python27\\\\python.exe', 'C:\\\\Python27\\\\Lib', 'C:\\\\Python27\\\\Lib\\\\idlelib',  
'C:\\\\Python27\\\\Lib\\\\site-packages', 'C:\\\\Python27\\\\Lib\\\\site-packages\\\\PyQt4\\\\bin\\\\QtCore4.dll',  
'C:\\\\Python27\\\\Lib\\\\site-packages\\\\Orange\\\\OrangeCanvas', 'C:\\\\Program Files\\\\QGIS Valmiera\\\\apps\\\\qgis\\\\python',  
'C:\\\\Python27\\\\Lib\\\\site-packages\\\\PyQt4\\\\sip', 'C:\\\\Python27\\\\Lib\\\\site-packages\\\\PyQt4\\\\bin', 'C:\\\\Program Files\\\\QGIS  
Valmiera\\\\apps\\\\Python27\\\\sip', 'C:\\\\PROGRA~1\\\\QGISVA~1\\\\bin', 'C:\\\\PROGRA~1\\\\QGISVA~1\\\\bin\\\\python27.zip',  
'C:\\\\PROGRA~1\\\\QGISVA~1\\\\apps\\\\Python27\\\\DLLs', 'C:\\\\PROGRA~1\\\\QGISVA~1\\\\apps\\\\Python27\\\\lib',  
'C:\\\\PROGRA~1\\\\QGISVA~1\\\\apps\\\\Python27\\\\lib\\\\plat-win', 'C:\\\\PROGRA~1\\\\QGISVA~1\\\\apps\\\\Python27\\\\lib\\\\lib-tk',  
'C:\\\\PROGRA~1\\\\QGISVA~1\\\\apps\\\\Python27', 'C:\\\\PROGRA~1\\\\QGISVA~1\\\\apps\\\\Python27\\\\lib\\\\site-packages',  
'C:\\\\PROGRA~1\\\\QGISVA~1\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\PIL',  
'C:\\\\PROGRA~1\\\\QGISVA~1\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\win32',  
'C:\\\\PROGRA~1\\\\QGISVA~1\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\win32\\\\lib',  
'C:\\\\PROGRA~1\\\\QGISVA~1\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\Pythonwin',  
'C:\\\\PROGRA~1\\\\QGISVA~1\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\Shapely-1.2.18-py2.7-win-amd64.egg',  
'C:\\\\PROGRA~1\\\\QGISVA~1\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\six-1.3.0-py2.7.egg',  
'C:\\\\PROGRA~1\\\\QGISVA~1\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\wx-2.8-msw-unicode',  
'C:\\\\PROGRA~1\\\\QGISVA~1\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\xlrd-0.9.2-py2.7.egg',  
'C:\\\\PROGRA~1\\\\QGISVA~1\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\xlwt-0.7.5-py2.7.egg']
```

#14 - 2014-03-17 03:47 PM - Nathan Woodrow

Are you running QGIS 64 and do you have a 32 bit version of Python in `C:\\Python27`.

Looks like it's picking up a wrong library.

#15 - 2014-05-11 10:13 PM - Tim Paysen

No--(I WAS running QGIS 64--but now running 32).

The results all varied very slightly, depending on what things I did to try to fix the problem. Here is a copy of the messages from today (5/11/2014):

Couldn't load PyQt4.

Python support will be disabled.

Traceback (most recent call last):

File "", line 1, in

ImportError: DLL load failed: The specified procedure could not be found.

Python version:

2.7.4 (default, Apr 6 2013, 19:54:46) [MSC v.1500 32 bit (Intel)]

QGIS version:

2.2.0-Valmiera 'Valmiera', c3a2817

Python path:

```
['C:/PROGRA~2/QGISVA~1/apps/qgis/.python', u'C:/Users/Tim/.qgis2/python', u'C:/Users/Tim/.qgis2/python/plugins',
```

```
'C:/PROGRA~2/QGISVA~1/apps/qgis/.python/plugins',
'C:\\\\Users\\Tim\\AppData\\Roaming\\Python\\Python27\\site-packages\\orange_bioinformatics-2.5.25-py2.7.egg',
'C:\\\\Users\\Tim\\AppData\\Roaming\\Python\\Python27\\site-packages\\orange_nmf-0.1.2-py2.7.egg',
'C:\\\\Users\\Tim\\AppData\\Roaming\\Python\\Python27\\site-packages\\
imfa-1.0-py2.7.egg', 'C:\\\\Users\\Tim\\AppData\\Roaming\\Python\\Python27\\site-packages\\orange_network-0.3.2-py2.7.egg',
'C:\\\\Users\\Tim\\AppData\\Roaming\\Python\\Python27\\site-packages\\orange_reliability-0.2.14-py2.7.egg',
'C:\\\\Users\\Tim\\AppData\\Roaming\\Python\\Python27\\site-packages\\orangecontrib.earth-0.1.3-py2.7-win32.egg',
'C:\\\\Users\\Tim\\AppData\\Roaming\\Python\\Python27\\site-packages\\orange_multitarget-0.9.3-py2.7.egg',
'C:\\\\Users\\Tim\\AppData\\Roaming\\Python\\Python27\\site-packages\\orange_textable-1.4.2-py2.7.egg',
'C:\\\\Users\\Tim\\AppData\\Roaming\\Python\\Python27\\site-packages\\orange_modelmaps-0.2.8-py2.7.egg', 'C:\\\\Python27',
'C:\\Python27\\Lib', 'C:\\Python27\\DLLs', 'C:\\Python27\\Doc', 'C:\\Python27\\include', 'C:\\Python27\\libs',
'C:\\Python27\\Lib\\site-packages\\PyQt4', 'C:\\Python27\\Scripts', 'C:\\Python27\\share', 'C:\\Python27\\tcl\\tcl8.5',
'C:\\Python27\\Tools', 'C:\\Python27\\Lib\\site-packages', 'C:\\PROGRA~2\\QGISVA~1\\bin',
'C:\\PROGRA~2\\QGISVA~1\\bin\\python27.zip', 'C:\\Python27\\lib\\site-packages\\Orange\\lorng',
'C:\\PROGRA~2\\QGISVA~1\\apps\\Python27\\DLLs', 'C:\\PROGRA~2\\QGISVA~1\\apps\\Python27\\lib',
'C:\\PROGRA~2\\QGISVA~1\\apps\\Python27\\lib\\plat-win', 'C:\\PROGRA~2\\QGISVA~1\\apps\\Python27\\lib\\lib-tk',
'C:\\Users\\Tim\\AppData\\Roaming\\Python\\Python27\\site-packages', 'C:\\PROGRA~2\\QGISVA~1\\apps\\Python27',
'C:\\PROGRA~2\\QGISVA~1\\apps\\Python27\\lib\\site-packages',
'C:\\PROGRA~2\\QGISVA~1\\apps\\Python27\\lib\\site-packages\\PIL',
'C:\\PROGRA~2\\QGISVA~1\\apps\\Python27\\lib\\site-packages\\win32',
'C:\\PROGRA~2\\QGISVA~1\\apps\\Python27\\lib\\site-packages\\win32\\lib',
'C:\\PROGRA~2\\QGISVA~1\\apps\\Python27\\lib\\site-packages\\Pythonwin',
'C:\\PROGRA~2\\QGISVA~1\\apps\\Python27\\lib\\site-packages\\Shapely-1.2.18-py2.7-win32.egg',
'C:\\PROGRA~2\\QGISVA~1\\apps\\Python27\\lib\\site-packages\\wx-2.8-msw-unicode']
```

This problem has been going for a few years (!!). Suggestions from 3-4 years ago are a bundle of guesses. I hope the QGIS folks can figure it out. (Python itself is plagued with problems--within its own distribution. The only way to open 'IDLE' is to sign on as 'administrator'--and things that depend on Python don't always put up-to-date .bat calls into their installations (eg-Orange)

I'm using Windows 7 x64.

#16 - 2014-05-11 10:24 PM - Nathan Woodrow

See this

```
'C:\\Python27', 'C:\\Python27\\Lib', 'C:\\Python27\\DLLs', 'C:\\Python27\\Doc', 'C:\\Python27\\include', 'C:\\Python27\\libs',
'C:\\Python27\\Lib\\site-packages\\PyQt4'
```

Tells me that it's picking up more than it should, and you are getting lib conflicts.

How are you starting QGIS?

My path in Python look like this when inside QGIS:

```
['C:\\OSGeo4W\\apps\\Python27\\lib\\site-packages\\pip-1.4.1-py2.7.egg',
'C:\\OSGeo4W\\apps\\Python27\\lib\\site-packages\\setuptools-2.1-py2.7.egg', 'C:\\OSGeo4W\\bin\\python27.zip',
'C:\\OSGeo4W\\apps\\Python27\\DLLs', 'C:\\OSGeo4W\\apps\\Python27\\lib', 'C:\\OSGeo4W\\apps\\Python27\\lib\\plat-win',
'C:\\OSGeo4W\\apps\\Python27\\lib\\lib-tk', 'C:\\OSGeo4W\\bin', 'C:\\OSGeo4W\\apps\\Python27',
'C:\\OSGeo4W\\apps\\Python27\\lib\\site-packages', 'C:\\OSGeo4W\\apps\\Python27\\lib\\site-packages\\GDAL-1.11.0-py2.7-win32.egg',
'C:\\OSGeo4W\\apps\\Python27\\lib\\site-packages\\PIL', 'C:\\OSGeo4W\\apps\\Python27\\lib\\site-packages\\win32',
'C:\\OSGeo4W\\apps\\Python27\\lib\\site-packages\\win32\\lib', 'C:\\OSGeo4W\\apps\\Python27\\lib\\site-packages\\Pythonwin',
'C:\\OSGeo4W\\apps\\Python27\\lib\\site-packages\\Shapely-1.2.18-py2.7-win32.egg',
```

```
'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\wx-2.8-msw-unicode']
```

#17 - 2014-05-22 05:09 PM - Tim Paysen

I'm opening it directly from the QGIS icon. I notice that you are opening through the OSGEO bundle---I just did the same thing, and got the same set of messages with the 'OSGEO' feature added:

Couldn't load PyQt4.

Python support will be disabled.

Traceback (most recent call last):

File "", line 1, in

ImportError: DLL load failed: The specified procedure could not be found.

Python version:

2.7.4 (default, Apr 6 2013, 19:54:46) [MSC v.1500 32 bit (Intel)]

QGIS version:

2.2.0-Valmiera 'Valmiera', c3a2817

Python path:

```
['C:/OSGeo4W/apps/qgis/.python', u'C:/Users/Tim/.qgis2/python', u'C:/Users/Tim/.qgis2/python/plugins',  
'C:/OSGeo4W/apps/qgis/.python/plugins',  
'C:\\\\Users\\\\Tim\\\\AppData\\\\Roaming\\\\Python\\\\Python27\\\\site-packages\\\\orange_bioinformatics-2.5.25-py2.7.egg',  
'C:\\\\Users\\\\Tim\\\\AppData\\\\Roaming\\\\Python\\\\Python27\\\\site-packages\\\\orange_nmf-0.1.2-py2.7.egg',  
'C:\\\\Users\\\\Tim\\\\AppData\\\\Roaming\\\\Python\\\\Python27\\\\site-packages\\\\  
imfa-1.0-py2.7.egg', 'C:\\\\Users\\\\Tim\\\\AppData\\\\Roaming\\\\Python\\\\Python27\\\\site-packages\\\\orange_network-0.3.2-py2.7.egg',  
'C:\\\\Users\\\\Tim\\\\AppData\\\\Roaming\\\\Python\\\\Python27\\\\site-packages\\\\orange_reliability-0.2.14-py2.7.egg',  
'C:\\\\Users\\\\Tim\\\\AppData\\\\Roaming\\\\Python\\\\Python27\\\\site-packages\\\\orangecontrib.earth-0.1.3-py2.7-win32.egg',  
'C:\\\\Users\\\\Tim\\\\AppData\\\\Roaming\\\\Python\\\\Python27\\\\site-packages\\\\orange_multitarget-0.9.3-py2.7.egg',  
'C:\\\\Users\\\\Tim\\\\AppData\\\\Roaming\\\\Python\\\\Python27\\\\site-packages\\\\orange_textable-1.4.2-py2.7.egg',  
'C:\\\\Users\\\\Tim\\\\AppData\\\\Roaming\\\\Python\\\\Python27\\\\site-packages\\\\orange_modelmaps-0.2.8-py2.7.egg', 'C:\\\\Python27',  
'C:\\\\Python27\\\\Lib', 'C:\\\\Python27\\\\DLLs', 'C:\\\\Python27\\\\Doc', 'C:\\\\Python27\\\\include', 'C:\\\\Python27\\\\libs',  
'C:\\\\Python27\\\\Lib\\\\site-packages\\\\PyQt4', 'C:\\\\Python27\\\\Scripts', 'C:\\\\Python27\\\\share', 'C:\\\\Python27\\\\tc\\\\tcl8.5',  
'C:\\\\Python27\\\\Tools', 'C:\\\\Python27\\\\Lib\\\\site-packages', 'C:\\\\OSGeo4W\\\\bin', 'C:\\\\OSGeo4W\\\\bin\\\\python27.zip',  
'C:\\\\Python27\\\\lib\\\\site-packages\\\\Orange\\\\orng', 'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\DLLs', 'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib',  
'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\plat-win', 'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\lib-tk',  
'C:\\\\Users\\\\Tim\\\\AppData\\\\Roaming\\\\Python\\\\Python27\\\\site-packages', 'C:\\\\OSGeo4W\\\\apps\\\\Python27',  
'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\site-packages',  
'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\GDAL-1.11.0-py2.7-win32.egg',  
'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\PIL', 'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\win32',  
'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\win32\\\\lib', 'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\Pythonwin',  
'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\Shapely-1.2.18-py2.7-win32.egg',  
'C:\\\\OSGeo4W\\\\apps\\\\Python27\\\\lib\\\\site-packages\\\\wx-2.8-msw-unicode']
```

You may well be right about conflicts. The default Python indication changes from application to application. I have a stand-alone Python 2.7.6 that I use for programming (note that QGIS thinks that the default is 2.7.4). You can see pathways for 'Orange' in the list. It seems to be looking at my general Python paths, and the self-contained Python paths. I'm not quite sure how to approach this.

#18 - 2014-05-22 05:16 PM - Nathan Woodrow

I'm not sure why your version is picking up the extra stuff. The batch file that QGIS runs sets up it's own environment that it needs, including creating a new PATH variable, at least it should be. I have four version of QGIS installed and two standalone Pythons but they never conflict.

Open up a new cmd.exe instance and run this:

```
set
```

It will print all the variables that are defined for your system.

Do you see PYTHONPATH defined? If so it should not be.

#19 - 2014-06-03 04:46 PM - Tim Paysen

Yes and PYTHONPATH is in there. I've seen conflicting opinions on whether or not it should be. Some applications look for it. Painfully, I'm including it here.

```
ALLUSERSPROFILE=C:\ProgramData
APPDATA=C:\Users\Tim\AppData\Roaming
asl.log=Destination=file
CLASSPATH=C:\Program Files (x86)\OpenOffice.org3\URE\java;C:\Program Files
(x86)\OpenOffice.org3\Basis\program\classes;C:\jMusic\jMusic1.6.3.jar;C:\jMusic\inst;C:\jMusic\lib\jMusic1.6.3.jar;\lib\ext\QTJava.zip;C:\Program Files
\Program Files (x86)\Java\jdk1.8.0\jre\bin; C:\Program Files (x86)\Java\jre8\bin;C:\Program Files\Java\jre8\bin; C:\Program
Files\Java\jdk1.8.0\jre\bin;C:\Program Files\Java\jdk1.8.0\bin;C:\Program Files (x86)\Java\jdk1.8.0\bin;
CommonProgramFiles=C:\Program Files\Common Files
CommonProgramFiles(x86)=C:\Program Files (x86)\Common Files
CommonProgramW6432=C:\Program Files\Common Files
COMPUTERNAME=TIM-PC
ComSpec=C:\Windows\system32\cmd.exe
DATAPLO$=C:\Program Files (x86)\Java\jdk1.7.0_09;C:\Program Files\Java\jdk1.7.0_02;
DPDIR=C:\Program Files (x86)\NIST\DATAPLOT\
f95include=C:\Program Files (x86)\Silverfrost\FTN95\include
FED$=C:\Program Files (x86)\NIST\DATAPLOT\
FP_NO_HOST_CHECK=NO
GDAL_DATA=C:\Program Files (x86)\MapWindow\GDAL_DATA
GGOBI_HOME=C:\Program Files (x86)\ggobi
GNUPLLOT_LIB=C:\Program Files (x86)\gnuplot\demo
GS_PROG=C:\gs\gs9.01\bin\gswin64c.exe;C:\gs\gs8.71\bin\gswin32c.exe;C:\Program File\gs\gs8.71\bin;
HOME=C:\Users\Tim
HOMEDRIVE=C:
HOMEPATH=\\Users\Tim
JAVA_HOME=C:\Program Files (x86)\Java\jdk1.8.0\bin;C:\Program Files\Java\jdk1.8.0\bin;C:\Program Files
(x86)\Java\jdk1.8.0\jre\bin\client\jvm.dll;C:\Program Files\Java\jdk1.8.0\jre\bin\server\jvm.dll; C:\Program Files
(x86)\Java\jdk1.8.0\bin;C:\Program Files\Java\jdk1.8.0\bin;C:\Program Files (x86)\Java\jdk1.8.0\jre\bin\client\jvm.dll;C:\Program
Files\Java\jdk1.8.0\jre\bin\server\jvm.dll;\bin\javaw;
JRE_HOME=C:\Program Files\Java\jre8\bin;C:\Program Files (x86)\Java\jre8\bin;C:\Program Files
(x86)\Java\jdk1.8.0\jre\bin;C:\Program Files\Java\jre8\bin; C:\Program Files (x86)\Java\jdk1.8.0\bin;C:\Program
Files\Java\jdk1.8.0\bin;C:\Program Files (x86)\Java\jdk1.8.0\jre\bin\client\jvm.dll;C:\Program
Files\Java\jdk1.8.0\jre\bin\server\jvm.dll;\bin\javaw;
LOCALAPPDATA=C:\Users\Tim\AppData\Local
LOGONSERVER=\\TIM-PC
LUA_DEV=C:\Program Files (x86)\Lua\5.1
LUA_PATH=.;C:\Program Files (x86)\Lua\5.1\lua\?.luac
```

mod_path=C:\Program Files (x86)\Silverfrost\FTN95\include
 MOZ_PLUGIN_PATH=C:\Program Files (x86)\Foxit Software\Foxit Reader\plugins\
 MWBATCHTEST=1
 NUMBER_OF_PROCESSORS=4
 OS=Windows_NT
 Path=C:\Python27\Lib\site-packages\PyQt4;C:\Program Files\Tcl\bin;C:\Program Files (x86)\Tcl\bin;C:\Windows;C:\Windows\System32;C:\Windows\system;C:\Program Files (x86)\Microsoft Visual Studio 10.0\Common7;C:\Program Files (x86)\Microsoft Visual Studio 10.0\Common7\Tools;C:\Program Files (x86)\Java\jdk1.8.0\bin;C:\Program Files\Java\jdk1.8.0\bin;C:\Program Files (x86)\Java\jdk1.8.0\jre\bin\client\jvm.dll;C:\Program Files\Java\jdk1.8.0\jre\bin\server\jvm.dll;C:\Program Files\Java\jre8\bin;C:\Program Files (x86)\Java\jre8\bin;C:\Program Files (x86)\Java\jdk1.8.0\jre\bin;C:\Program Files\Java\jre8\bin;C:\Python27\Lib;C:\Python27\Lib\site-packages;C:\Python27\Lib\site-packages\PyQt4\bin;C:\OSGeo4W\apps\Python27\Lib\site-packages\PyQt4;C:\Program Files (x86)\QGIS Valmiera\apps\Python27\Lib\site-packages\wx-2.8-msw-unicode;C:\Program Files (x86)\Calibre2;C:\Program Files (x86)\MySQL\MySQL Utilities 1.3.6;C:\Users\Tim\AppData\Roaming\Python27\Scripts;C:\MinGW\bin;C:\gcc-4.5.2;C:\Program Files (x86)\FreeMat\bin;C:\Users\Tim\AppData\Roaming\MikTeX\2.9\miktex\bin;C:\FreeBASIC\fb.exe;C:\MinGW\bin;C:\Program Files\Tcl\bin;C:\Program Files\Tcl\lib;C:\Program Files (x86)\Tcl\bin;C:\Program Files (x86)\Tcl\lib;C:\MinGW64\bin;C:\MinGW64\x86_64-mingw32\bin;C:\Program Files (x86)\Microsoft Visual Studio 10.0\Microsoft Visual C++ 2010 Express - ENU;C:\Program Files (x86)\LilyPond\usr\bin;C:\labc2xml_v46;C:\Program Files (x86)\ggobi\ggobi.exe;C:\Program Files (x86)\Google\google_appengine;C:\MinGW\lib\gcc\mingw32\4.8.1\include\c++\mingw32\bits;C:\MinGW\lib\gcc\mingw32\4.8.1\include;C:\Python27\bin;C:\Python27;C:\Program Files\QGIS Valmiera\apps\qgis\python\qgis;C:\php;C:\Apache2.2\bin;C:\OSGeo4W\bin;C:\Python27\Lib\site-packages\PyQt4\sip;C:\Python27;C:\Python27\bin;C:\Python27\Lib\site-packages\umpy;C:\Python27\tcl\tcl8.5;C:\Python27\python.exe;C:\Python27\pythonw.exe;C:\Python27\Lib;C:\Python27\Lib\idlelib;C:\Python27\Lib\site-packages;C:\Python27\Lib\site-packages\PyQt4\bin\QtCore4\bin\QtCore4.dll;C:\Python27\Lib\site-packages\Orange\OrangeCanvas;C:\Program Files\QGIS Valmiera\apps\qgis\python;C:\Program Files\QGIS Valmiera\apps\Python27\bin;C:\cairo_1.10.2-1_win32\bin;C:\cairo-dev_1.10.2-1_win32\lib;C:\GTK\bin;C:\Program Files (x86)\Git\bin;C:\Program Files (x86)\Git\cmd;C:\gdb-7.7\gdb;C:\Program Files (x86)\Graphviz2.36\bin;C:\gcc-4.5.2\gcc;C:\MinGW\bin\mingw32-make.exe;C:\Dev-Cpp\bin\make.exe;C:\Python27\Lib\site-packages\mlpy;C:\Python27\bin\python;C:\Python27\Lib\site-packages\libsvm;Python27\Lib\site-packages\libsvm.dll;Python27\Lib\site.py;C:\Program Files (x86)\Microsoft Visual Studio 10.0\Common7\IDE;C:\wxWidgets-3.0.0
 PATHEXT=.PY;.SCM;.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC;.pyw;.tcl;.lua;.lex
 PROCESSOR_ARCHITECTURE=AMD64
 PROCESSOR_IDENTIFIER=Intel64 Family 6 Model 23 Stepping 7, GenuineIntel
 PROCESSOR_LEVEL=6
 PROCESSOR_REVISION=1707
 ProgramData=C:\ProgramData
 ProgramFiles=C:\Program Files
 ProgramFiles(x86)=C:\Program Files (x86)
 ProgramW6432=C:\Program Files
 PROJ_LIB=C:\Program Files (x86)\MapWindow\PROJ_NAD
 PROMPT=\$P\$G
 PSMODULEPATH=C:\Windows\system32\WindowsPowerShell\v1.0\Modules;C:\Program Files (x86)\Microsoft SQL Server\110\Tools\PowerShell\Modules\
 PUBLIC=C:\Users\Public
 PYTHONPATH=C:\Python27;C:\Python27\Lib;C:\Python27\DLLs;C:\Python27\Doc;C:\Python27\include;C:\Python27\libs;C:\Python27\Lib\site-packages\PyQt4;C:\Python27\Scripts;C:\Python27\share;C:\Python27\tcl\tcl8.5;C:\Python27\Tools;C:\Python27\Lib\site-packages;C:\Python27\bin;C:\Python27\DLLs;
 R_PROG=C:\Program Files\R\R-3.0.2;
 SystemDrive=C:
 SystemRoot=C:\Windows

TCL_LIBRARY=C:\\Program Files\\Tcl\\lib\\tcl8.6;C:\\Program Files (x86)\\Tcl\\lib\\tcl8.6;
TEMP=C:\\Users\\Tim\\AppData\\Local\\Temp
TK_LIBRARY=C:\\Program Files\\Tcl\\lib\\tk8.6;C:\\Program Files (x86)\\Tcl\\lib\\tk8.6;
TMP=C:\\Users\\Tim\\AppData\\Local\\Temp
TRACKER_HOME=C:\\Program Files (x86)\\Tracker
USERDOMAIN=Tim-PC
USERNAME=Tim
USERPROFILE=C:\\Users\\Tim
VBOX_INSTALL_PATH=C:\\Program Files\\Oracle\\VirtualBox\\
VS100COMNTOOLS=C:\\Program Files (x86)\\Microsoft Visual Studio 10.0\\Common7\\Tools\\
VS110COMNTOOLS=C:\\Program Files (x86)\\Microsoft Visual Studio 11.0\\Common7\\Tools\\
VS120COMNTOOLS=C:\\Program Files (x86)\\Microsoft Visual Studio 12.0\\Common7\\Tools\\
VS90COMNTOOLS=C:\\Program Files (x86)\\Microsoft Visual Studio 9.0\\Common7\\Tools\\
windir=C:\\Windows
XDP_CODE=C:\\Program Files (x86)\\NIST\\DATAPLOT\\FRSCRIPT
XDP_FILE=C:\\Program Files (x86)\\NIST\\DATAPLOT\\FRMENUS
XUGGLE_HOME=C:\\Program Files (x86)\\Xuggle

#20 - 2014-07-07 11:20 PM - Jürgen Fischer

- Subject changed from Failed to open Python console to hostnames with non-ascii characters cause python console to fail.

#21 - 2015-09-20 08:44 AM - Matthias Kuhn

- Status changed from Feedback to Closed

Fixed in commit:9fc1b48b