

QGIS Application - Bug report #19319

Qgis 3.2 and Python 3.7

2018-07-03 03:04 PM - Arthur Vignacq

Status: Open	
Priority: Normal	
Assignee:	
Category: Build/Install	
Affected QGIS version: 3.2	Regression?: No
Operating System: osx 10.10.5	Easy fix?: No
Pull Request or Patch supplied: No	Resolution:
Crashes QGIS or corrupts data: No	Copied to github as #: 27147
Description	
<p>Hello,</p> <p>I've tried today to install QGIS 3.2 on mac osx with Python 3.7 new install. No old version of Python nor Qgis installed on this computer. Installation of GDAL worked but QGIS refused to install because "need Python 3" to be installed first.</p> <p>I verified this twice with same error.</p> <p>Then I also installed Python 3.6.6. and the it worked.</p> <p>I don't know if this is related with #18430-7, but it also affects the Python relation with QGIS on mac</p>	

History

#1 - 2018-07-09 06:17 PM - Jon Sagara

I witnessed the same behavior on macOS 10.13.5.

#2 - 2018-07-11 05:57 PM - Jürgen Fischer

- Description updated

#3 - 2018-07-31 05:45 PM - Paul Zimmerman

I just verified that this happens because the installer looks for the /Library/Frameworks/Python.framework/Versions/3.6 directory. When I symlinked the existing 3.7 directory to 3.6, installation proceeded without incident. I think that the installer should be updated to check for a version of python3 by invoking it, rather than simply checking for the existence of an installation in a particular directory.

#4 - 2018-08-07 08:24 PM - Jeff Meyer

Hi - double/triple-confirming this concern.

Another side issue: I don't think homebrew or others are even using the /Library/Frameworks/Python.framework path anymore. I just installed python3 on a fresh machine/OS install and it appears to be at /usr/local/opt/python/Frameworks/Python.framework/.

So, +1 for not checking a path & instead invoking it.

#5 - 2019-01-23 09:45 PM - Sergio Rodrigues

This solution didn't work for me. I'm on a Mac OS using anaconda and did `ln -s /Users/sergio/anaconda3/bin /Library/Frameworks/Python.framework/Versions/3.6/bin` but QGIS won't find Python 3.6.

#6 - 2019-02-23 02:32 AM - Andrew Saturn

After you've installed Python with HomeBrew, try this:

```
sudo ln -s /usr/local/Cellar/python/3.7.2_2/Frameworks/Python.framework/ /Library/Frameworks/Python.framework
```

HomeBrew installs Python to the `/usr/local/Cellar` directory, but QGIS wants to look in `/Library/Frameworks/`

Note to use the correct version, where the `3.7.2_2` is whatever version you have installed... it may be different by the time you read this.

#7 - 2019-02-23 02:35 AM - Andrew Saturn

Andrew Saturn wrote:

After you've installed Python with HomeBrew, try this:

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sudo ln -s /usr/local/Cellar/python/3.7.2_2/Frameworks/Python.framework/ /Library/Frameworks/Python.framework
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HomeBrew installs Python to the /usr/local/Cellar directory, but QGIS wants to look in /Library/Frameworks/

Note to use the correct version, where the 3.7.2_2 is whatever version you have installed... it may be different by the time you read this.

Also if you still run into issues, it may require 3.6, in which case... `sudo ln -s /Library/Frameworks/Python.framework/Versions/3.7/ /Library/Frameworks/Python.framework/Versions/3.6`