

## QGIS Application - Bug report #19319

### Qgis 3.2 and Python 3.7

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

<b>Status:</b>	Open	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Build/Install	
<b>Affected QGIS version:</b>	3.2	<b>Regression?:</b> No
<b>Operating System:</b>	osx 10.10.5	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 27147
<b>Description</b>		
<p>Hello,</p> <p>I've tried today to install QGIS 3.2 on mac osx with Python 3.7 new install.</p> <p>No old version of Python nor Qgis installed on this computer.</p> <p>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:*

```
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.*

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`