

This is the second slide of the presentation. It has a dark teal header with the title "Installation instructions for software required to run PopGen" in white. A red tab with the number "2" is in the top right corner. The main body of the slide is white and contains a bulleted list of instructions.

Installation instructions for software required to run PopGen

- ▶ This presentation contains the screen shots of each of the steps involved in the software installation required for running PopGen 1.1 on a 64-bit windows operating system
 - ▣ Process is the same for 32 bit operating system
- ▶ The installation instructions are presented for a computer on which the user has 'administrative' privileges
- ▶ During the installation process, whenever the Windows pop-up asks for 'User account control', click **Yes**

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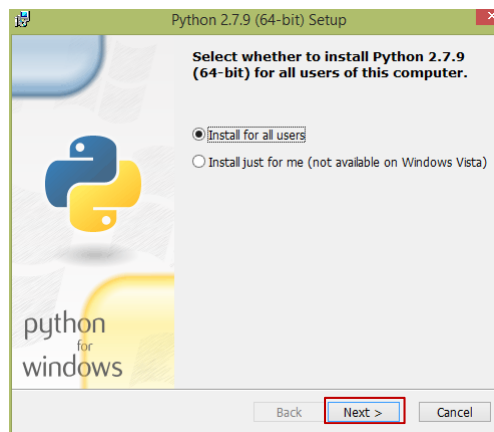
The logo for Python 2.7.9, featuring a dark teal background with a lighter teal circle in the center. The text "Python 2.7.9" is written in white inside the circle.

Python 2.7.9

INSTALLATION

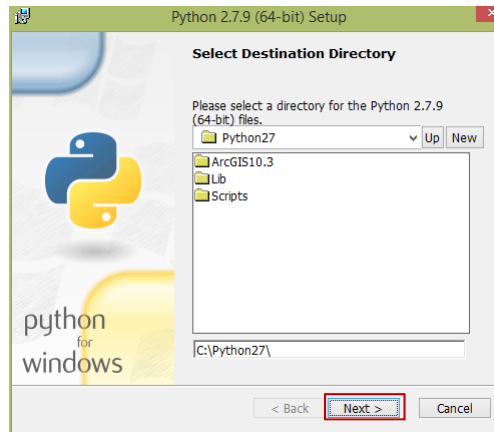
4

Python 2.7.9 Set-up



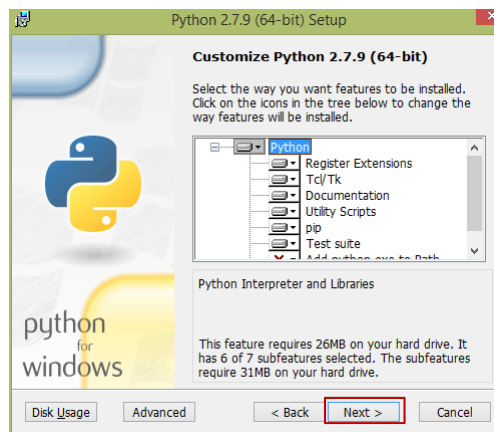
Python 2.7.9 Set-up

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Python 2.7.9 Set-up

6



Python 2.7.9 Set-up

7



INSTALLATION

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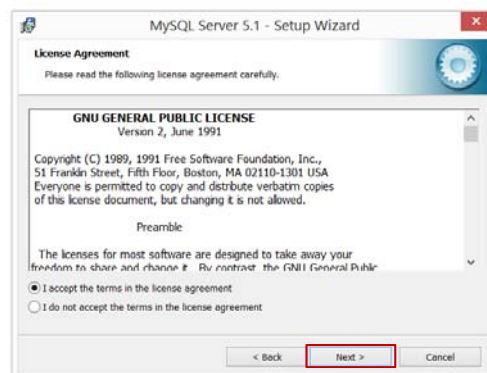
MySQL Set-up

9



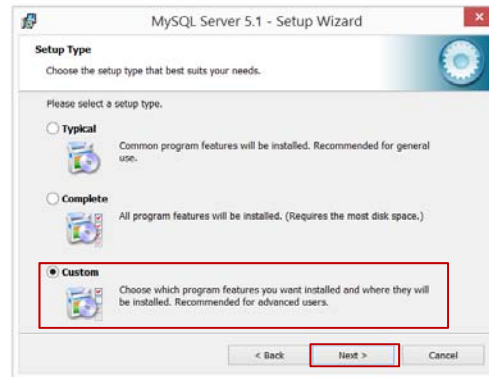
MySQL Set-up

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MySQL Set-up

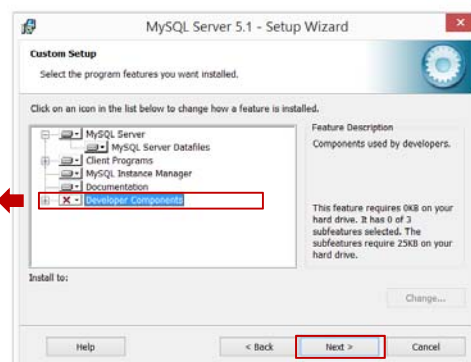
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MySQL Set-up

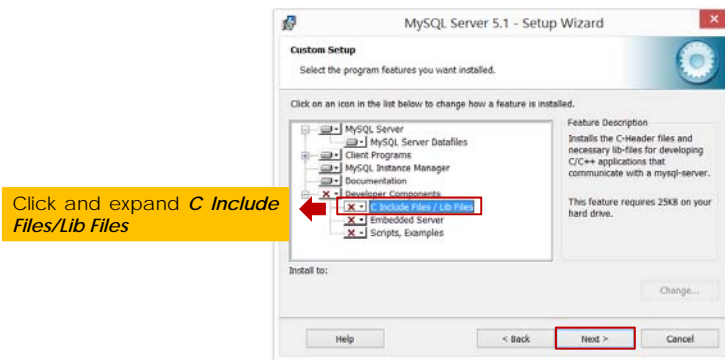
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Click and expand
Developer Components



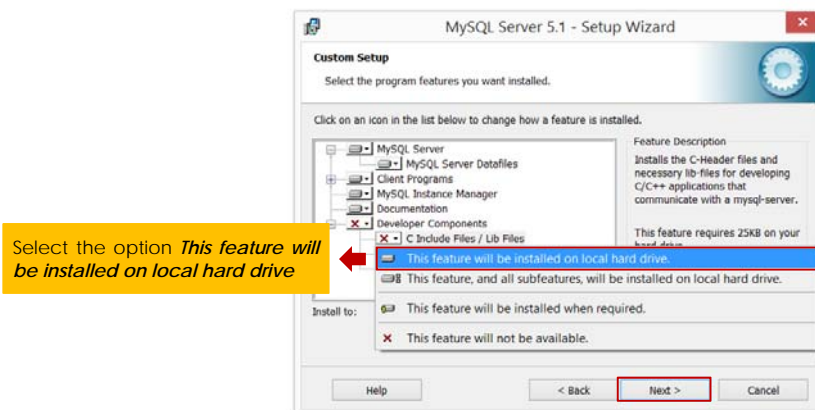
MySQL Set-up

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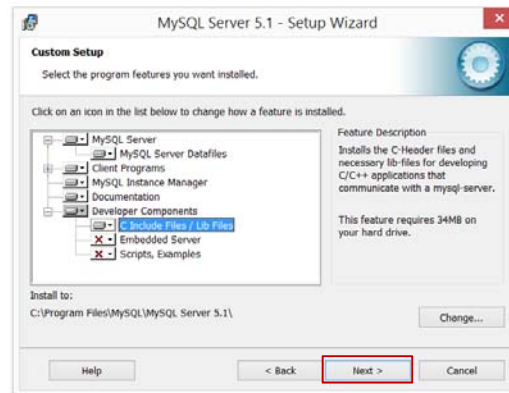
MySQL Set-up

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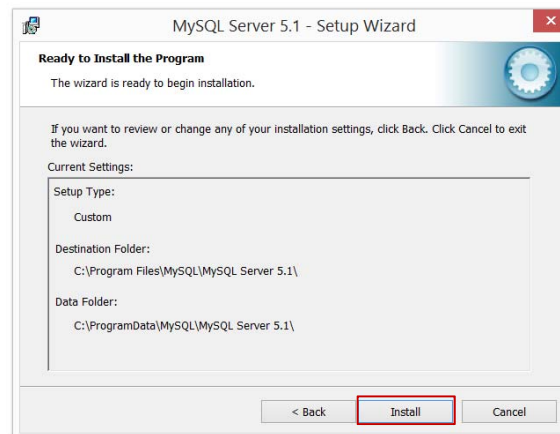
MySQL Set-up

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MySQL Set-up

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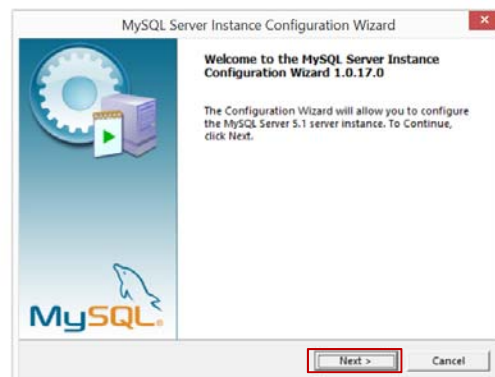
MySQL Set-up

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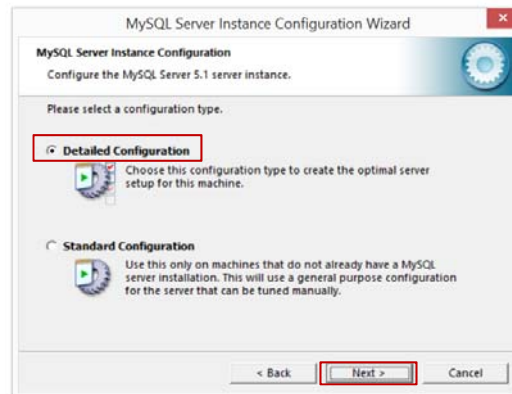
MySQL Set-up

18



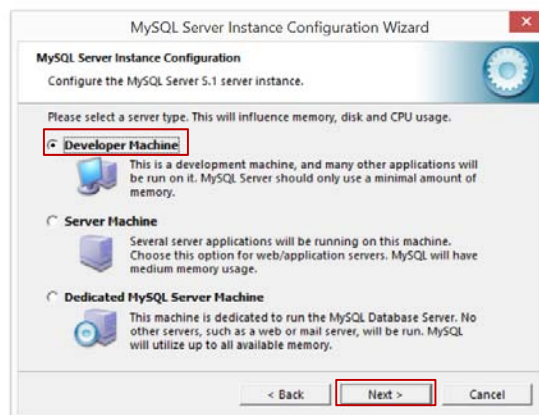
MySQL Set-up

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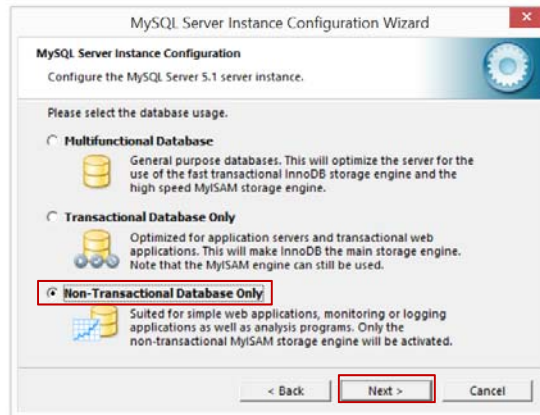
MySQL Set-up

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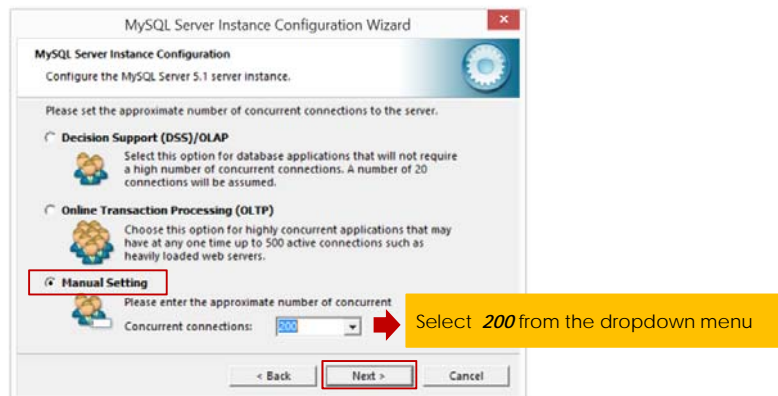
MySQL Set-up

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MySQL Set-up

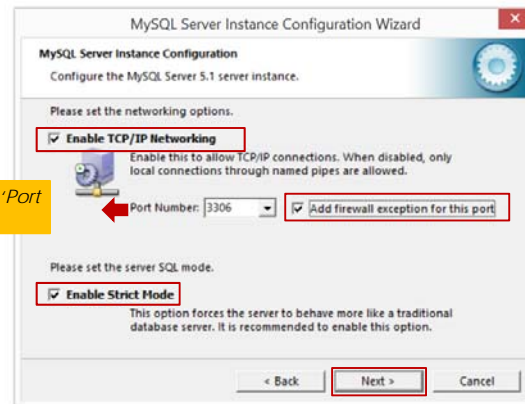
22



MySQL Set-up

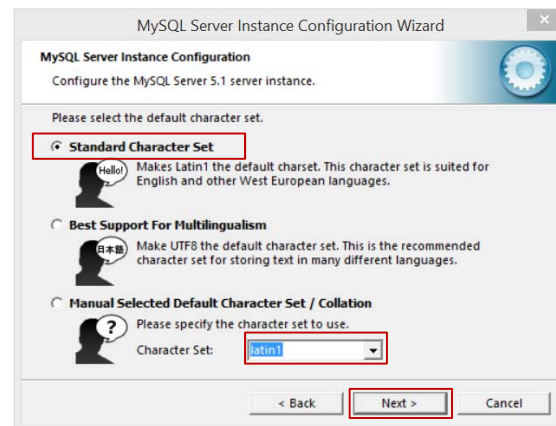
23

Leave the default 'Port Number' as is



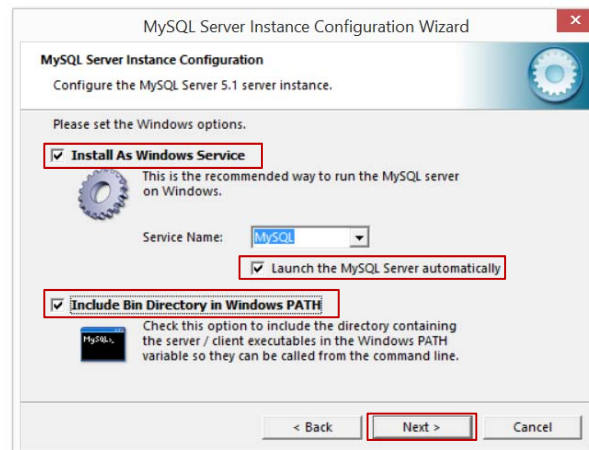
MySQL Set-up

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MySQL Set-up

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MySQL Set-up

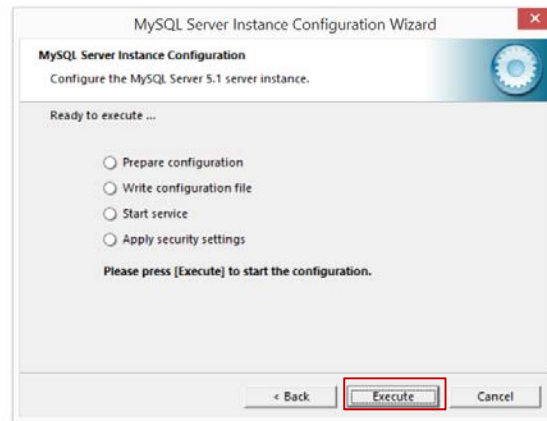
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Type password as: 1234

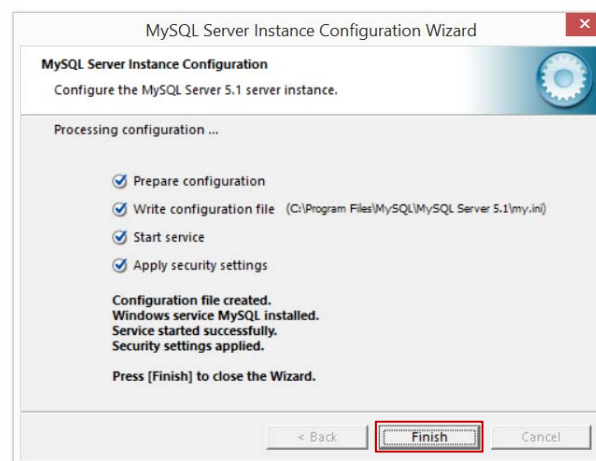
MySQL Set-up

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MySQL Set-up

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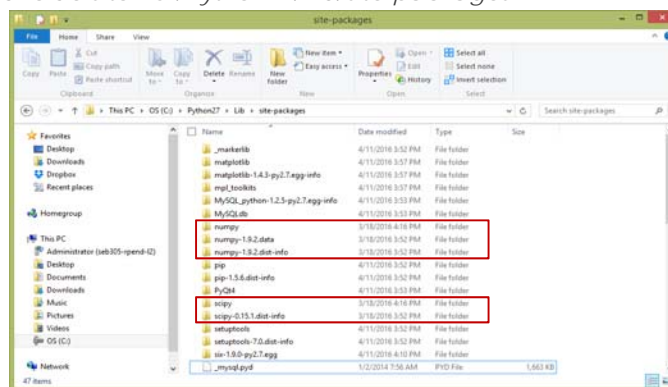
NUMPY
SCIPY

INSTALLATION

MySQL-python Set-up

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1. Navigate to the *"Supplementary_Packages"* folder that you had downloaded earlier. Open the following folders located in *"Supplementary_Packages"*:
 - ❑ numpy-1.9.2+mkl-cp27-none-win_amd64
 - ❑ scipy-0.16.1-cp27-none-win_amd64
2. Copy and paste the following sub-folders to *"C:/Python27/Lib/site-packages"*
 - ❑ numpy
 - ❑ numpy-1.9.2.data
 - ❑ numpy-1.9.2.dist-info
 - ❑ scipy
 - ❑ scipy-0.16.1.dist-info



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The logo for MySQL-python, featuring a dark teal background with a lighter teal circle on the left. The text "MySQL-python" is written in white, sans-serif font across the center.

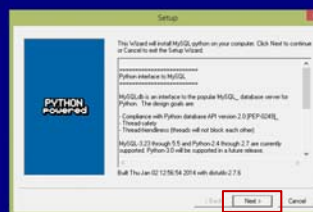
MySQL-python

INSTALLATION

MySQL-python Set-up

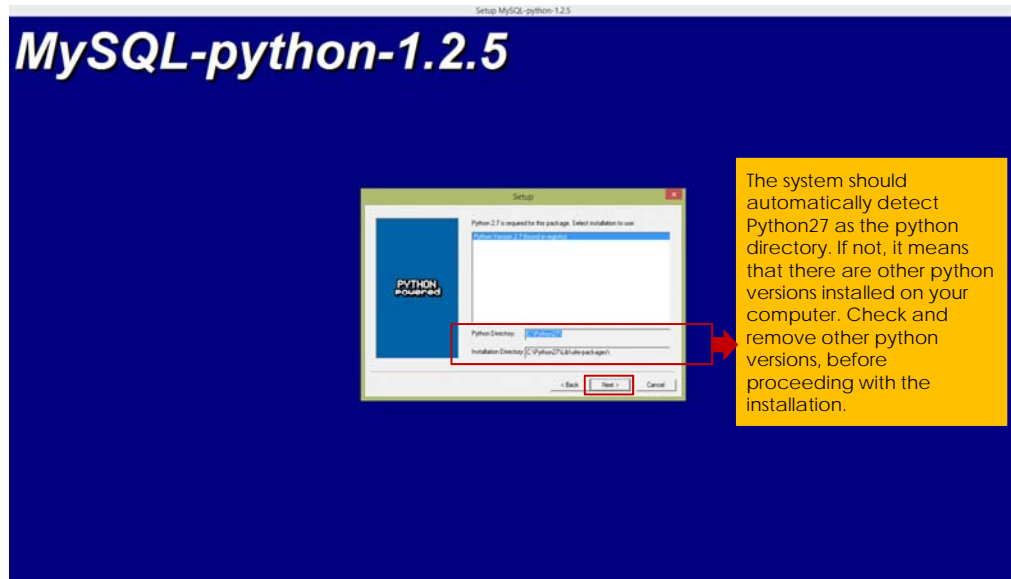
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MySQL-python-1.2.5



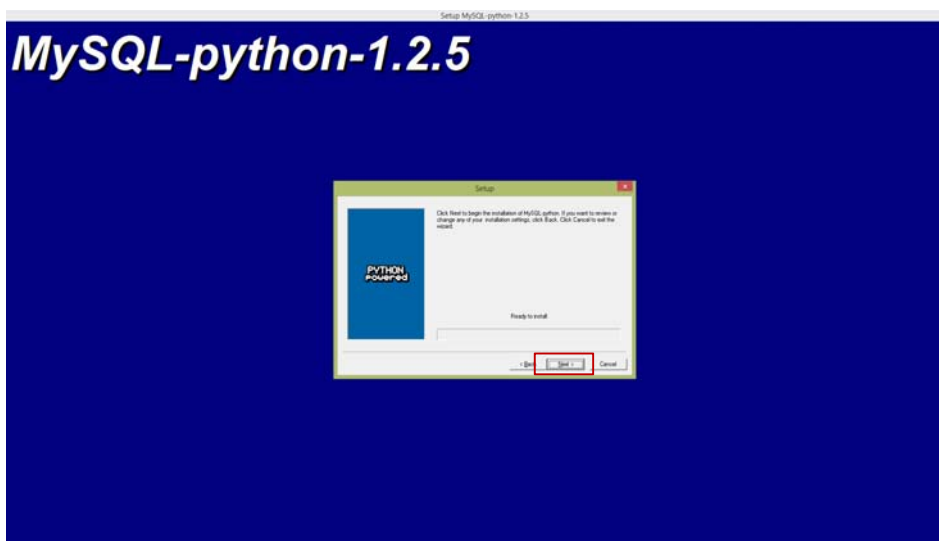
MySQL-python Set-up

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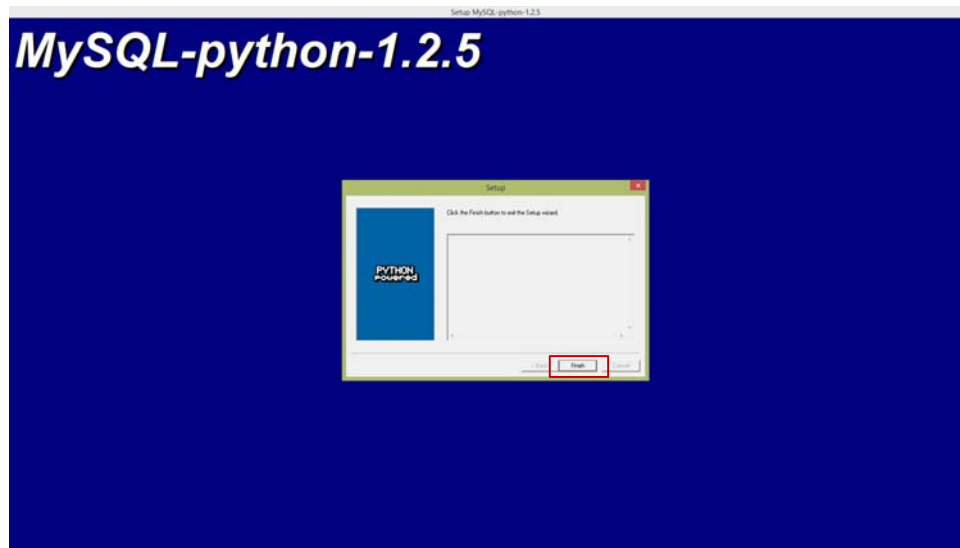
MySQL-python Set-up

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MySQL-python Set-up

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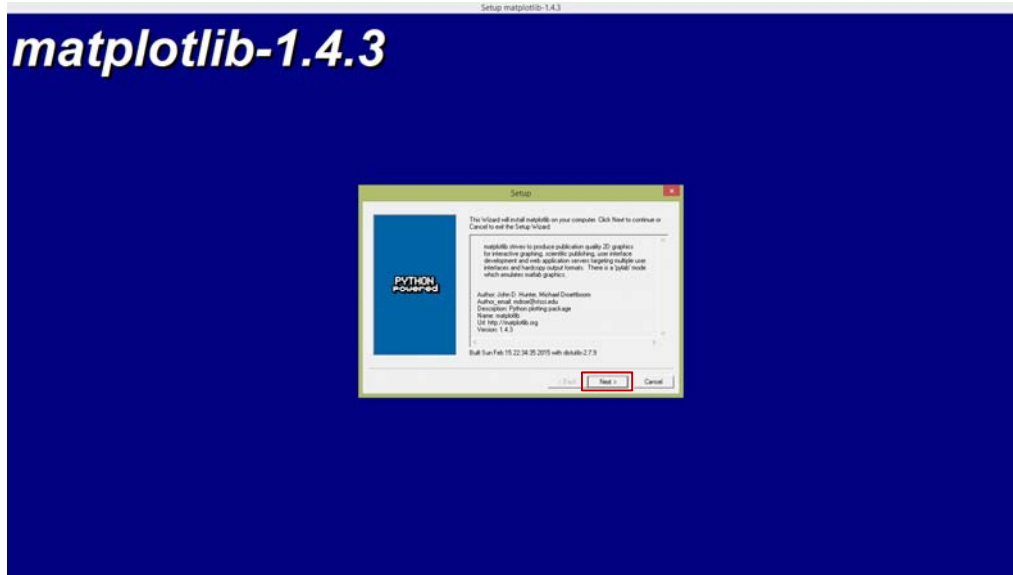


INSTALLATION

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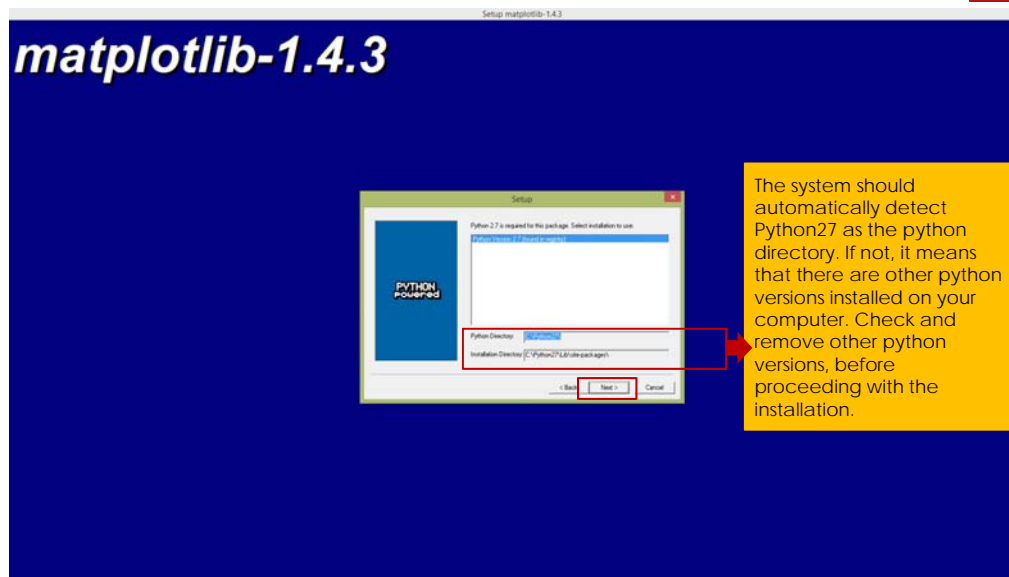
Matplotlib Set-up

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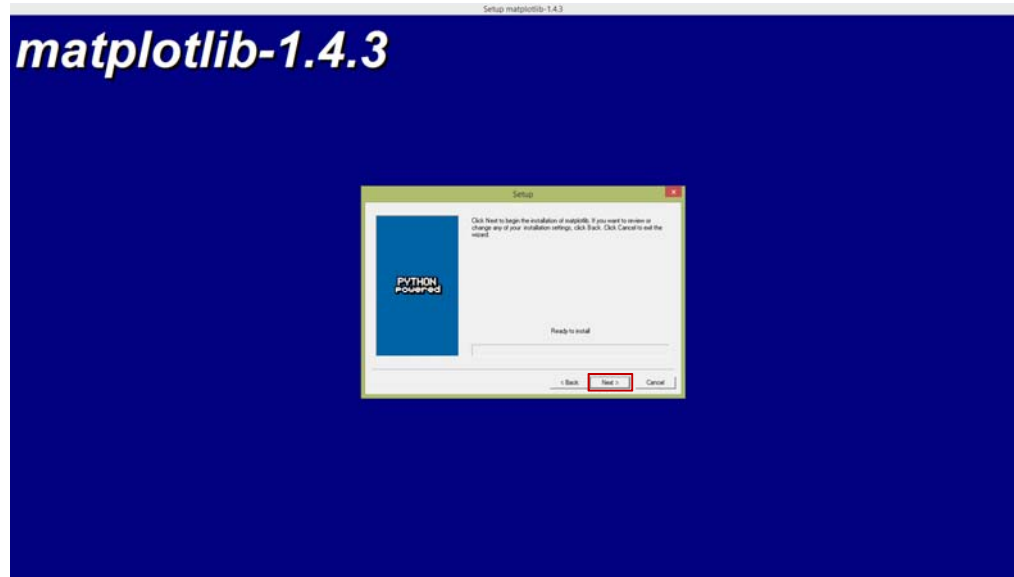
Matplotlib Set-up

38



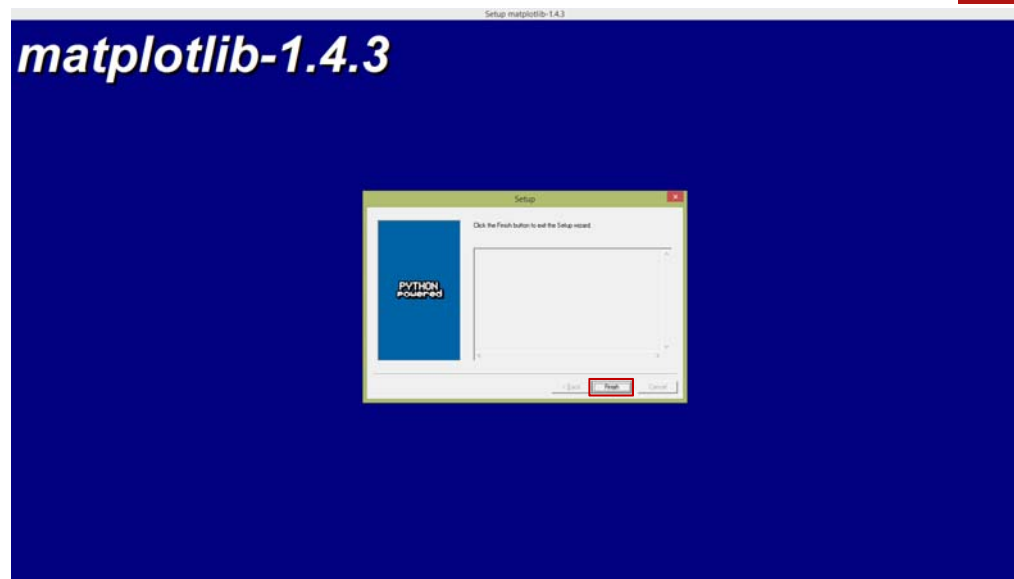
Matplotlib Set-up

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Matplotlib Set-up

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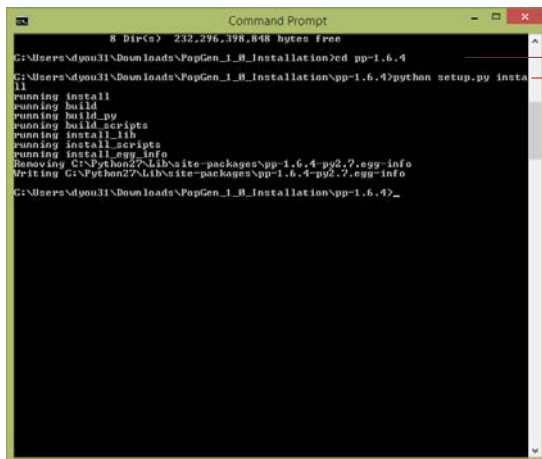
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PYTHON PARALLELS 1.6.4

INSTALLATION

Python Parallels 1.6.4 Set-up

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```

C:\Users\ajon31\Downloads\PopGen_1.0_Installation> cd pp-1.6.4
C:\Users\ajon31\Downloads\PopGen_1.0_Installation\pp-1.6.4> python setup.py install
running install
running build
running build_py
running build_scripts
running install_lib
running install_scripts
running install_egg_info
removing C:\Python27\lib\site-packages\pp-1.6.4-py2.7.egg-info
writing C:\Python27\lib\site-packages\pp-1.6.4-py2.7.egg-info
C:\Users\ajon31\Downloads\PopGen_1.0_Installation\pp-1.6.4>

```

1. From command prompt window, navigate to the folder 'pp-1.6.4'
2. Type: `python setup.py install`

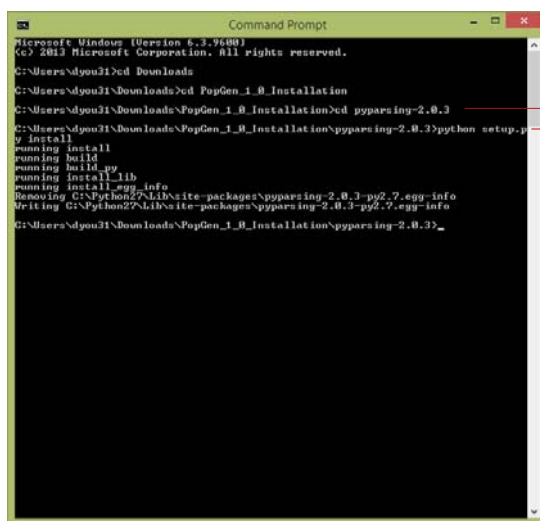
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PYPARSING 2.0.3

INSTALLATION

PyParsing 2.0.3 Set-up

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```

Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\dyou21>cd Downloads
C:\Users\dyou21\Downloads>cd PopGen_1.0_Installation
C:\Users\dyou21\Downloads\PopGen_1.0_Installation>cd pyparsing-2.0.3
C:\Users\dyou21\Downloads\PopGen_1.0_Installation\pyparsing-2.0.3>python setup.py install
running install
running build
running build_py
running install_lib
running install_egg_info
Removing C:\Python27\Lib\site-packages\pyparsing-2.0.3-py2.7.egg-info
Writing C:\Python27\Lib\site-packages\pyparsing-2.0.3-py2.7.egg-info
C:\Users\dyou21\Downloads\PopGen_1.0_Installation\pyparsing-2.0.3>

```

1. From command prompt window, navigate to the folder 'pyparsing-2.0.3'

2. Type: python setup.py install

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SIX 1.9.0

INSTALLATION

SIX 1.9.0 Set-up

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```

C:\Users\dyou31\Downloads\PopGen_1.0\Installation>cd six-1.9.0
C:\Users\dyou31\Downloads\PopGen_1.0\Installation\six-1.9.0>python setup.py install
running install
running build
running egg_info
writing six.egg-info\PKG-INFO
writing top-level names to six.egg-info\top_level.txt
writing dependency links to six.egg-info\dependency_links.txt
reading manifest file 'six.egg-info\SOURCES.txt'
reading manifest template 'MANIFEST.in'
no previously-included directories found matching 'documentation\build'
writing manifest file 'six.egg-info\SOURCES.txt'
installing library code to build\bdist.win-amd64-egg
running install_lib
running build_py
creating build\lib\xix.py -> build\bdist.win-amd64-egg
byte-compiling build\bdist.win-amd64-egg\six.py to six.pyc
creating build\bdist.win-amd64-egg\EGG-INFO
copying six.egg-info\PKG-INFO -> build\bdist.win-amd64-egg\EGG-INFO
copying six.egg-info\SOURCES.txt -> build\bdist.win-amd64-egg\EGG-INFO
copying six.egg-info\dependency_links.txt -> build\bdist.win-amd64-egg\EGG-INFO
copying six.egg-info\top_level.txt -> build\bdist.win-amd64-egg\EGG-INFO
zip_safe flag not set; analyzing archive contents...
six: module reference path
creating 'dist\six-1.9.0-py2.7.egg' and adding 'build\bdist.win-amd64-egg' to it
removing 'build\bdist.win-amd64-egg' (and everything under it)
Processing six-1.9.0-py2.7.egg
removing c:\python27\lib\site-packages\six-1.9.0-py2.7.egg (and everything under it)
creating c:\python27\lib\site-packages\six-1.9.0-py2.7.egg
Extracting six-1.9.0-py2.7.egg to c:\python27\lib\site-packages
six 1.9.0 is already the active version in easy-install.pth
Installing c:\python27\lib\site-packages\six-1.9.0-py2.7.egg
Processing dependencies for six==1.9.0
Finished processing dependencies for six==1.9.0
C:\Users\dyou31\Downloads\PopGen_1.0\Installation>cd six-1.9.0

```

1. From command prompt window, navigate to the folder 'six-1.9.0'

2. Type: python setup.py install

INSTALLATION

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1. From command prompt window, navigate to the folder 'python-dateutil-2.4.2'
2. Type: `python setup.py install`

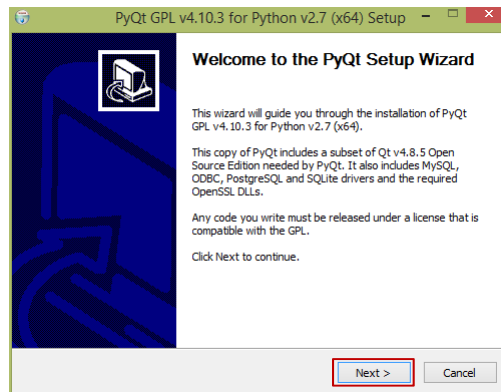
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The PyQt logo features a large teal circle with a white grid pattern. The word "PyQt" is written in white, sans-serif font across the center of the circle. The background is a dark teal gradient.

INSTALLATION

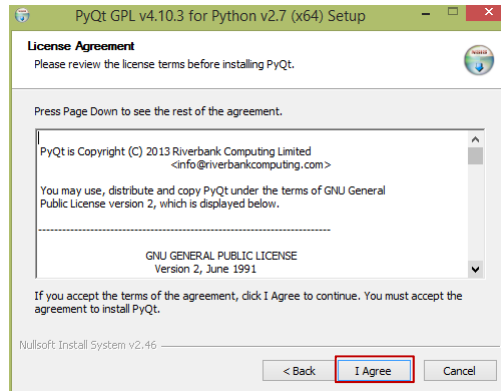
PyQt Set-up

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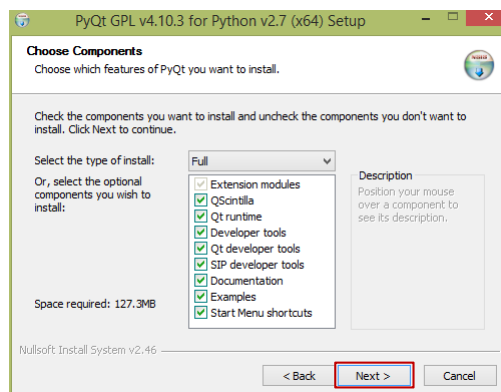
PyQt Set-up

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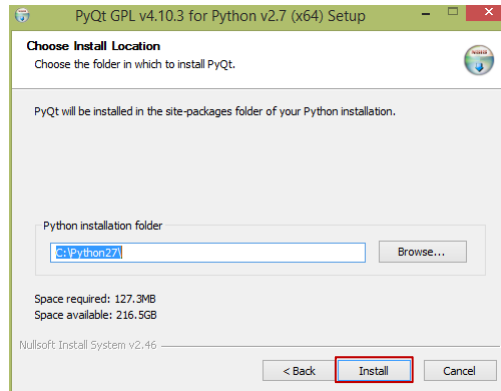
PyQt Set-up

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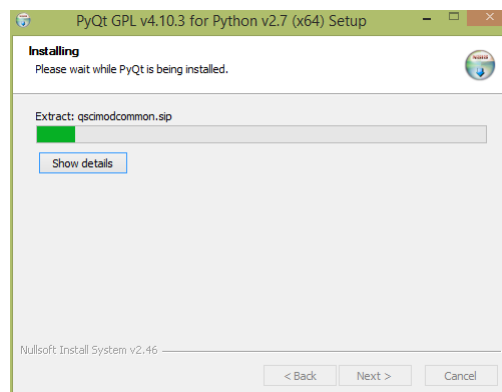
PyQt Set-up

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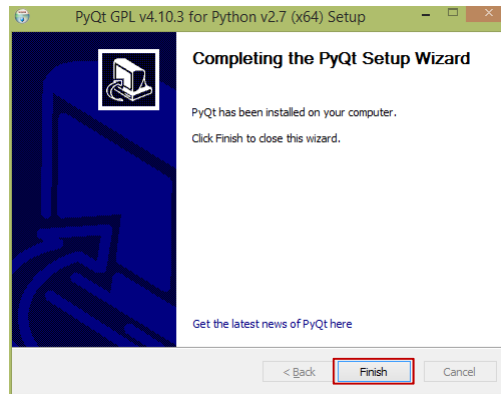
PyQt Set-up

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PyQt Set-up

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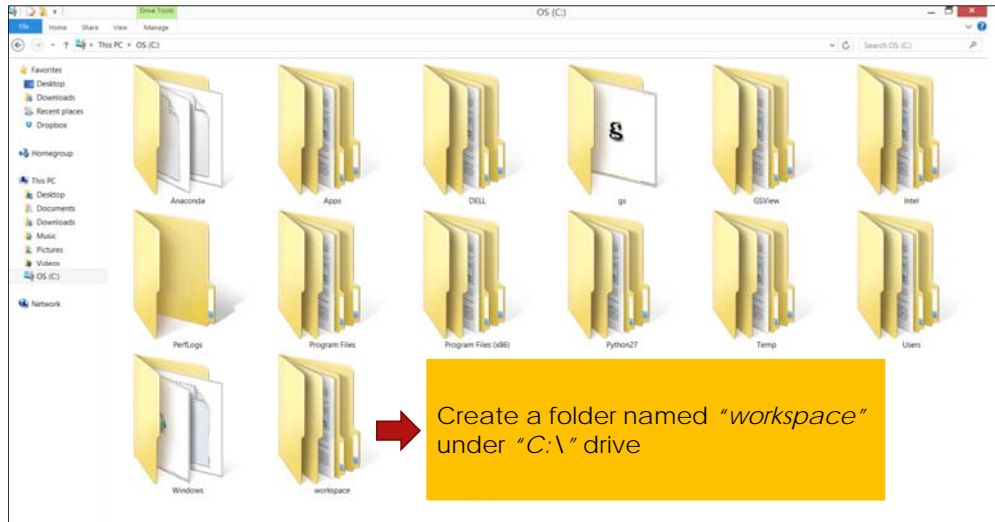


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INSTALLATION

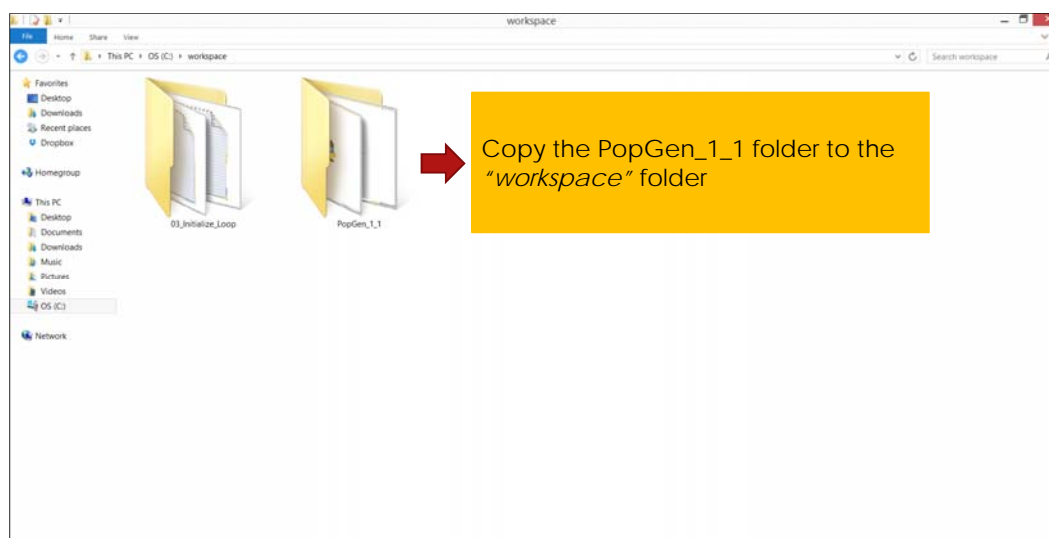
PopGen Set-up

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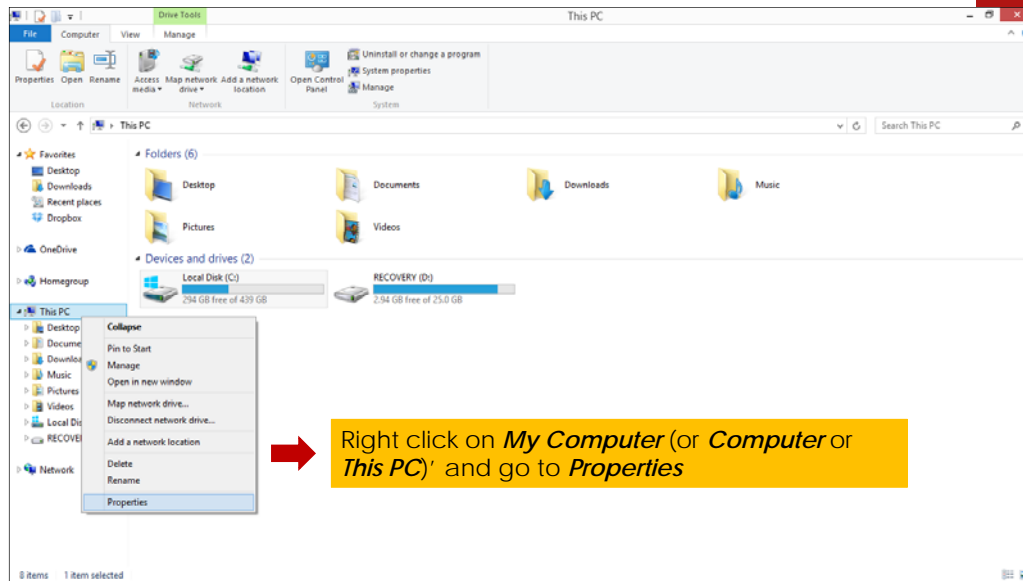
PopGen Set-up

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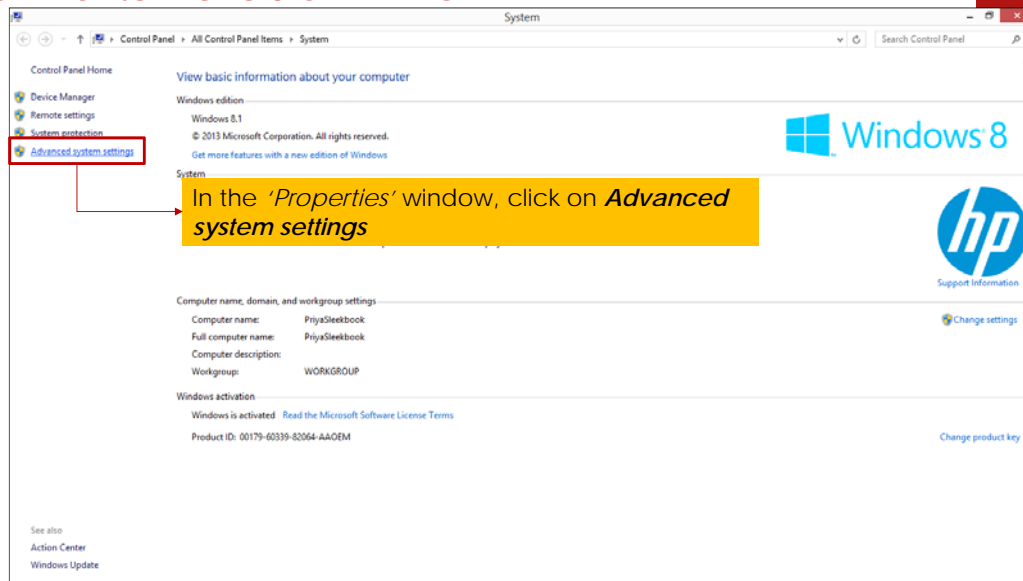
Addition of 'PopGen' folder to system environmental variable 'PYTHONPATH'

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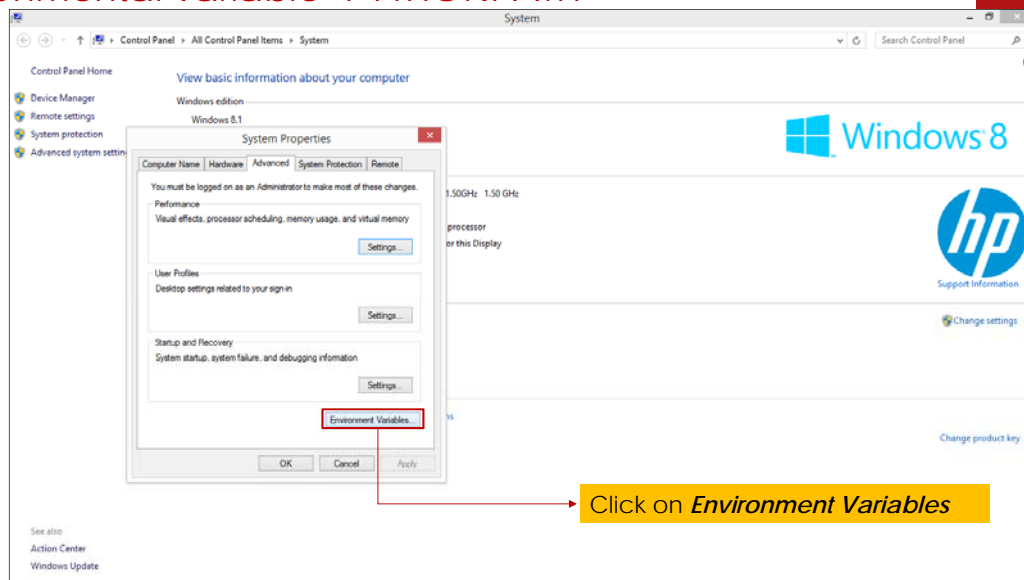
Addition of 'PopGen' folder to system environmental variable 'PYTHONPATH'

60



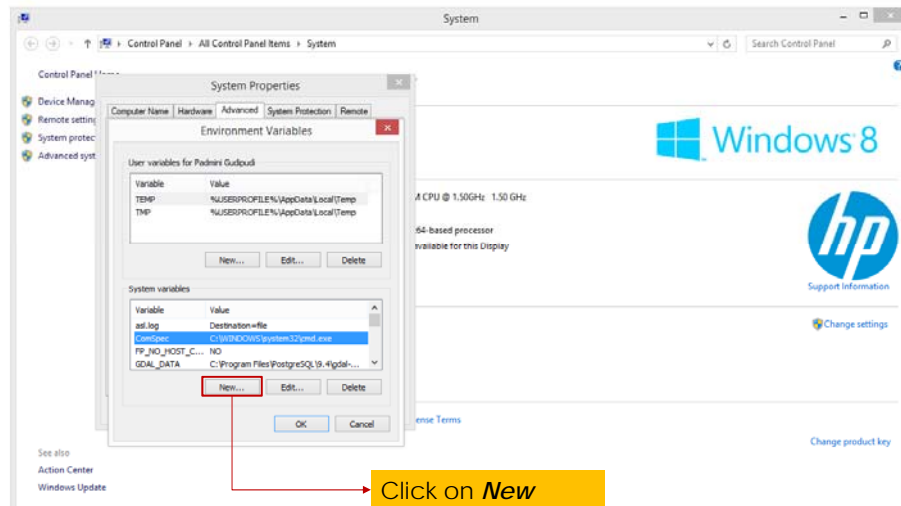
Addition of 'PopGen' folder to system environmental variable 'PYTHONPATH'

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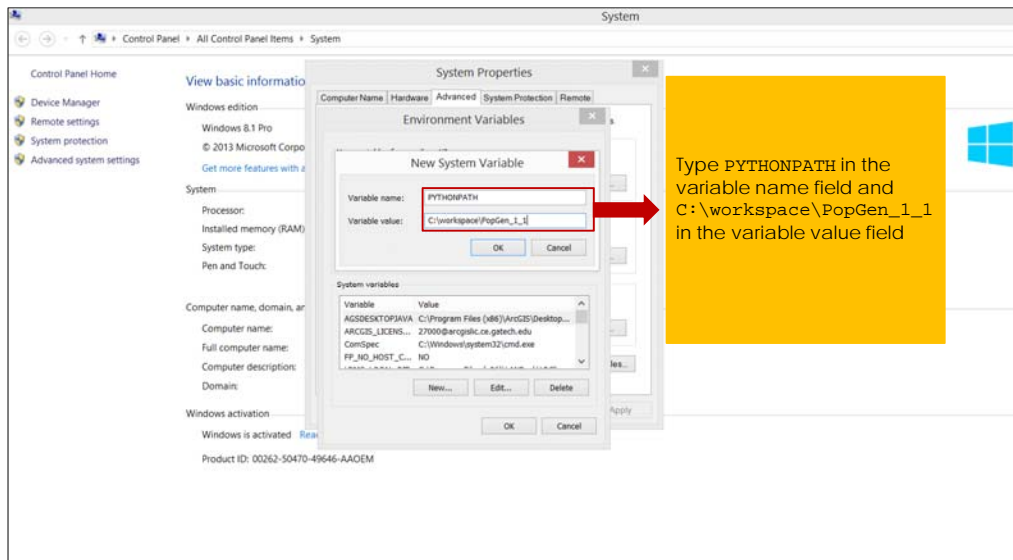
Addition of 'PopGen' folder to system environmental variable 'PYTHONPATH'

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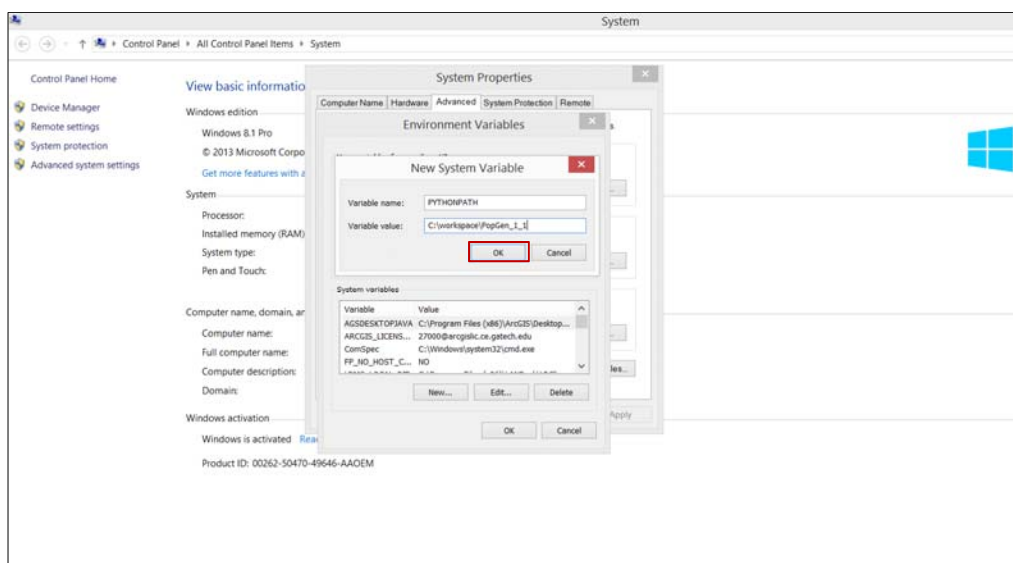
Addition of 'PopGen' folder to system environmental variable 'PYTHONPATH'

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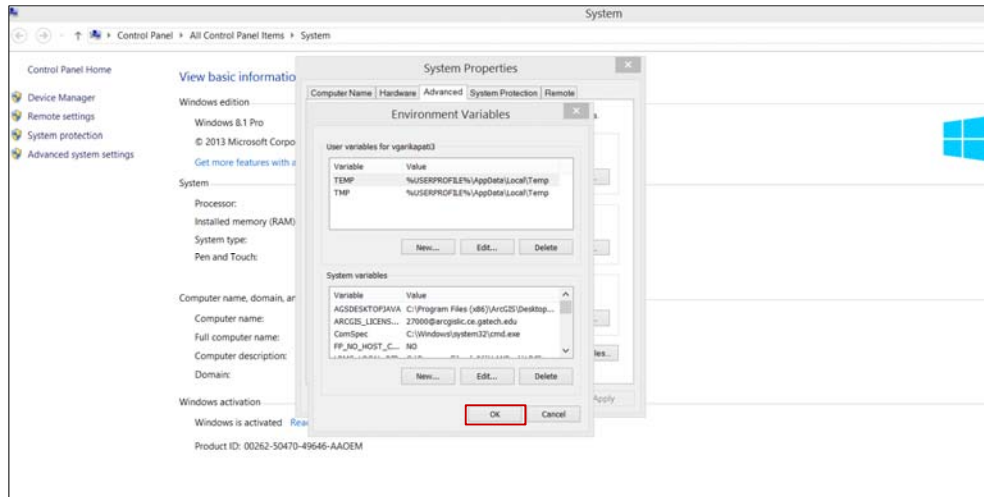
Addition of 'PopGen' folder to system environmental variable 'PYTHONPATH'

64



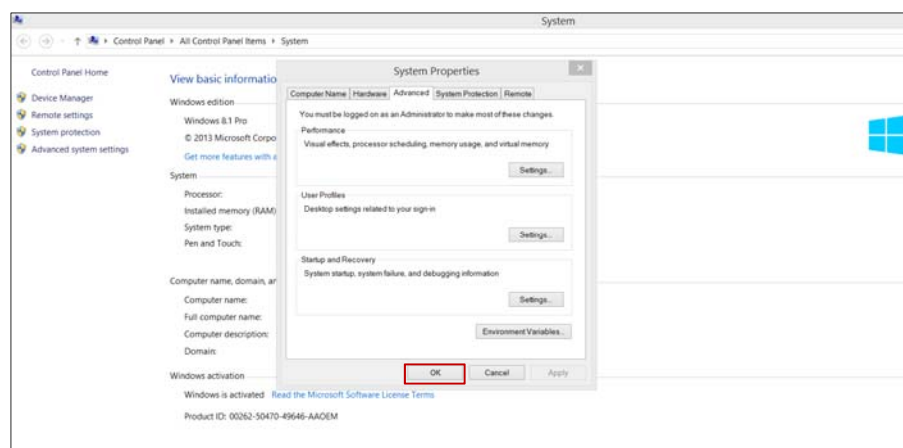
Addition of 'PopGen' folder to system environmental variable 'PYTHONPATH'

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Addition of 'PopGen' folder to system environmental variable 'PYTHONPATH'

66



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PopGen: Installation Check!

- ▶ Once all the softwares are installed, restart the computer and navigate to "*C:\workspace\PopGen_1_1\gui*" and double click on **PopGen.bat**
- ▶ If you see a screen similar to the one shown below, your installation is successful. Happy Synthesizing!!!



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Contact Information

- ▶ **Venu Garikapati**, Georgia Institute of Technology,
venu.garikapati@gatech.edu
- ▶ **Daehyun You**, Georgia Institute of Technology,
daehyun.you@gatech.edu
- ▶ **Ram Pendyala**, Georgia Institute of Technology,
ram.pendyala@ce.gatech.edu

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