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.
Python 2.7.9 INSTALLATION

Python 2.7.9 Set-up

Select whether to install Python 2.7.9 (64-bit) for all users of this computer.
- Install for all users
- Install just for me (not available on Windows Vista)
Python 2.7.9 Set-up

![Python 2.7.9 Setup Image]

Python 2.7.9 Set-up

![Customize Python 2.7.9 Image]
Python 2.7.9 Set-up

MySQL INSTALLATION
MySQL Set-up

Click and expand Developer Components.
MySQL Set-up

Click and expand **C. Include Files/Lib Files**

MySQL Set-up

Select the option **This feature will be installed on local hard drive**.
MySQL Set-up

MySQL Set-up
MySQL Set-up

Wizard Completed

MySQL Server S.1 - Setup Wizard

Configure the MySQL Server now

MySQL Server Instance Configuration Wizard

Welcome to the MySQL Server Instance Configuration Wizard 1.8.17.0

The Configuration Wizard will guide you to configure
the MySQL Server 5.1 server instance. To continue,
click Next.
MySQL Set-up

Select 200 from the dropdown menu
MySQL Set-up

Leave the default 'Port Number' as is.
MySQL Set-up

Type password as: 1234
MySQL Set-up

MySQL Server Instance Configuration Wizard
Configure the MySQL Server 5.1 server instance.

Processing configuration...
- Prepare configuration
- Write configuration file
- Start service
- Apply security settings

Configuration file created.
Windows service MySQL installed.
Service started successfully.
Security settings applied.

Finish
MySQL-python Set-up

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
MySQL-python INSTALLATION

MySQL-python Set-up

MySQL-python-1.2.5
MySQL-python Set-up

The system should automatically detect Python27 as the python directory. If not, it means that there are other python versions installed on your computer. Check and remove other python versions before proceeding with the installation.
MySQL-python Set-up

MySQL-python-1.2.5

Matplotlib 1.4.3

INSTALLATION
Matplotlib Set-up

The system should automatically detect Python27 as the python directory. If not, it means that there are other python versions installed on your computer. Check and remove other python versions, before proceeding with the installation.
Matplotlib Set-up

**matplotlib-1.4.3**

Matplotlib Set-up

**matplotlib-1.4.3**
Python Parallels 1.6.4 Set-up

1. From command prompt window, navigate to the folder ‘pp-1.6.4’

2. Type: `python setup.py install`
PyParsing 2.0.3 Set-up

1. From command prompt window, navigate to the folder ‘pyparsing-2.0.3’
2. Type: `python setup.py install`
**SIX 1.9.0 Set-up**

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

2. Type: python setup.py install
Python Dateutil 2.4.2 Set-up

1. From command prompt window, navigate to the folder ‘python-dateutil-2.4.2’

2. Type: python setup.py install
PyQt Set-up

PyQt Set-up
PyQt Set-up

Completing the PyQt Setup Wizard

PopGen INSTALLATION
PopGen Set-up

Create a folder named “workspace” under “C:\” drive

PopGen Set-up

Copy the PopGen_1_1 folder to the “workspace” folder
Addition of ‘PopGen’ folder to system environmental variable ‘PYTHONPATH’

1. Right click on My Computer (or Computer or This PC) and go to Properties.
2. In the ‘Properties’ window, click on Advanced system settings.
Addition of ‘PopGen’ folder to system environmental variable ‘PYTHONPATH’

Click on **Environment Variables**

Addition of ‘PopGen’ folder to system environmental variable ‘PYTHONPATH’

Click on **New**
Addition of ‘PopGen’ folder to system environmental variable ‘PYTHONPATH’

Type `PYTHONPATH` in the variable name field and `C:\workspace\PopGen_1_1` in the variable value field.

Addition of ‘PopGen’ folder to system environmental variable ‘PYTHONPATH’
Addition of ‘PopGen ’folder to system environmental variable ‘PYTHONPATH’
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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Thank You!