

QuShape Installation

Executable files will be made available in the near future. At present, users need to download and install the Python software to be able to run QuShape.

Instructions for Windows

- (1) Download **PythonXY** from www.pythonxy.com and install as instructed.
- (2) Download the **QuShape** software package from this website to a chosen folder on your computer.

To run QuShape, open the **IDLE** program by going to **Start → Programs → Pythonxy → IDLE**. This will open the **Python Shell**.

In the Python Shell from the **File** menu use the **Open** option to go to the (unzipped) folder containing the QuShape software and open the **mainWindow.py** script.

Start the graphic user interface (GUI) by either clicking **F5** key on the keyboard or clicking the **Run Module** option in the **Run** menu in the **mainWindow.py** screen.

Follow instructions in the **QuShape Tutorial** to operate the GUI.

Instructions for Mac OS X

First, make sure you have **X11** installed. If not, it can be downloaded from apple.com/support/.

- (1) Download **Enthought Python Distribution for Mac Os X** from enthought.com and install as instructed.
- (2) Download **Qt4** from qt.nokia.com/downloads/mac-os-cpp and install as instructed.
Note: for **10.6** or higher, make sure to download the “**cocoa**” package.
- (3) Install **SIP**: from riverbankcomputing.co.uk/software/sip/download get the current version of SIP and install in the terminal. Read the **readme** text for details.

For OS X 10.6 or higher, enter this code:

```
python configure.py --arch=i386
make
sudo make install
```

Otherwise, enter the following code:

```
cd sip-4.10
python configure.py
make
sudo make install
cd ..
```

(4) Install **PyQT** from riverbankcomputing.co.uk/software/pyqt/download get the current version of PyQt (Mac OS Source). Read the **readme** text for details.

For OS X 10.6 or higher, enter this code:

```
python configure.py --use-arch=i386
make
sudo make install
```

Otherwise, enter the following code:

```
cd PyQt-mac-gpl-4.7
python configure.py (you will have to accept licenses by typing 'yes')
make
make install
cd ..
```

To run QuShape, open the **IDLE** program in (Application/Enthought/EPDv7.0.0/IDLE).

From the **File** menu use **Open** to run **MainWindow** script.

Under the **/src/** folder, open **mainwindow.py**.

Note: if “**make:command not found**” error message appears, you need to install **X11**. It can be downloaded from apple.com/support/.