

Installing Python and Wing on a Mac



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Overview



- You have to separately install two items on your computer.
 1. **Python**: You need to go to <http://www.python.org/> for this.
 2. **Wing IDE**: You need to go to <http://www.wingware.com/> for this.

Installing Python On a Mac



1. Python comes in two versions: Python 2 and Python 3. We will use Python 2.
2. The latest Python 2 release is Python 2.7.6. This is what you should download.
3. First check to see if Python 2.7.6 is already installed on your machine
 - Open a terminal window and type “python”
 - If Python 2.7.6 is installed you will see

```
Python 2.7.6 (v2.7.6:3a1dbod2747e, Nov 10 2013, 00:42:54)
[GCC 4.2.1 (Apple Inc. build 5666) (dot 3)] on darwin
Type "help", "copyright", "credits" or "license" for more information.
```
4. If Python 2.7.6 is not installed:
 - Go to <http://www.python.org/getit>
 - Scroll down to see 2.7.6 installers
 - Download and run either **Python 2.7.6 Mac OS X 32-bit i386/PPC Installer** or **Python 2.7.6 Mac OS X 64-bit/32-bit x86-64/i386 Installer** depending on the version of your Mac OS.

Installing Wing On a Mac



1. **Wing is an Integrated Development Environment (IDE)**
 - Simplifies editing, running, and debugging Python programs
2. **Install Wing IDE 101 version 5.0.2-1**
 - Go to <http://wingware.com/>
 - Select the “Download” on the top right
 - Select Version 5.0
 - Select the “Wing IDE 101” tab (Wing 101 is free!)
 - Download and run “Wing IDE 101 / OS X 10.6” (wingide-101-5.0.2-1.dmg)
 - From the folder that opens, drag the WingIDE link (feather icon) to your lauchpad (or wherever you want to start Wing from)
3. **You should be set. Now run Wing and in the Python shell window you should see a message such as:**

```
Python 2.7.6 (v2.7.6:3a1db0d2747e, Nov 10 2013, 00:42:54)
[GCC 4.2.1 (Apple Inc. build 5666) (dot 3)]
Type "help", "copyright", "credits" or "license" for more information.
```

4. **Wing Tutorial**
 - The Wing tutorial in Help -> Tutorial is very helpful and worth doing

Configuring Wing On a Mac



- There is a small chance that Wing is not “connected” to Python 2.7.6. (That is, you don’t get the message about Python 2.7.6 in the Python shell window of Wing.)

- In this case, you can configure Wing/Python as follows:
 - In the upper IDE window select “Edit -> Configure Python”
 - Select the “Custom” button for the Python Executable
 - ✦ Browse to and select “/Library/Frameworks/Python.framework/Versions/2.7/bin/python”
 - ✦ Close Wing, restart it, and confirm that 2.7.6 is running in the Python shell window

Additional Help



You can watch this video for additional help:

- **[Installing Python and Wing IDE 101 on Mac OS X](http://www.youtube.com/watch?v=jmjTAXbH-SA)**
(<http://www.youtube.com/watch?v=jmjTAXbH-SA>)
- Just be sure to install Python 2.7.6 and Wing IDE 101 v.5.0.2-1.