

Installing Python and Wing on a Mac



JAN, 2013

Installing Python On a Mac



- 1. Please use Python 2.7.3 (or 2.7.2)!**
 - Stable release - compatible with more 3rd party software than Python 3.3.0
 - Simplifies providing help if everyone is using the same release
 - Your programming assignments may be machine graded assuming Python 2.7.3 (or 2.7.2).
- 2. First check to see if Python 2.7.3 (or 2.7.2) is already installed on your machine**
 - Open a terminal window and type “python”
 - If Python 2.7.3 is installed you will see
Python 2.7.3 (v2.7.3:70274d53c1dd, Apr 9 2012, 20:52:43)
[GCC 4.2.1 (Apple Inc. build 5666) (dot 3)] on darwin
Type "help", "copyright", "credits" or "license" for more information.
 - You'll see something similar if 2.7.2 is installed.
- 3. If Python 2.7.3 (2.7.2.) is not installed:**
 - Go to <http://www.python.org/getit>
 - Scroll down to see 2.7.3 installers
 - Download and run either Python 2.7.3 Mac OS X 32-bit i386/PPC Installer or Python 2.7.3 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 v.4.1.10-1**
 - Go to <http://wingware.com/>
 - Select "Download", then select the "Wing IDE 101" tab (Wing 101 is free!)
 - Scroll down the page, download, and run "**Wing IDE 101 / OS X 10.3+ (Intel) with X11 Server**" (wingide-101-4.1.10-1-i386.dmg)
 - From the folder that opens, drag the WingIDE link (feather icon) to your launchpad (or wherever you want to start Wing from)

3. **Configure Wing**
 - Click on the "Python Shell" tab in lower IDE window
 - If Python 2.7.3 is not running in the Python shell window, see "Setting the Python Executable on the next page"
 - In the upper IDE window select "Edit -> Configure Python"
 - Select the "Custom" button for the Python Path
 - ✦ Select "Insert" under the Python Path window
 - ✦ Navigate to (and create if necessary) your Python program folder(s)

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

Installing Wing On a Mac



5. Setting the Python Executable in Wing

- 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 2.7.3 is running in the Python shell window

6. 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 2.7.3 and Wing IDE 101 v.4.1.10-1!