

# Installing Python and Wing on a Mac



**JAN 18, 2012**

# Installing Python On a Mac



## 1. Please use Python 2.7.2!

- Stable release - compatible with more 3<sup>rd</sup> party software than Python 3.2.2
- Simplifies providing help if everyone is using the same release
- Your programming assignments may be machine graded assuming Python 2.7.2

## 2. First check to see if Python 2.7.2 is already installed on your machine

- Open a terminal window and type “python”
- If Python 2.7.2 is installed you will see  
`Python 2.7.2 (v2.7.2:8527427914a2, Jun 11 2011, 14:13:39)  
[GCC 4.0.1 (Apple Inc. build 5493)] on darwin  
Type "help", "copyright", "credits" or "license" for more information.`

## 3. If Python 2.7.2 is not installed:

- Go to <http://www.python.org/getit>
- Download and run `Python 2.7.2 Mac OS X 32-bit i386/PPC Installer`  
(python-2.7.2-macosx10.3.dmg)

# 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.4.1.2**
  - 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-101-4.1.2-1-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 2.7.2 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 2.7.2 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 2.7.2 and Wing IDE 101 v.4.1.2!