

Installing Python and Wing IDE on a Mac



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Overview



- You have to separately install two items on your computer.
 1. **Python 3**: You need to go to <http://www.python.org/> for this.
 2. **Wing IDE 101**: 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 3.
2. The latest Python 3 release is Python 3.4.2. This is what you should download.
3. First check to see if Python 3.4.2 is already installed on your machine
 - Open a terminal window and type “python3”
 - If Python 3.4.2 is installed you will see
Python 3.4.2 (v3.4.2:ab2c023a9432, Oct 5 2014, 20:42:22)
[GCC 4.2.1 (Apple Inc. build 5666) (dot 3)] on darwin
Type "help", "copyright", "credits" or "license" for more information.
4. If Python 3.4.2 is not installed:
 - Go to <http://www.python.org/getit/>
 - Click on “Download Python 3.4.2”
 - This will download Python 3.4.2 and you just need to click on this package in the download window to complete the installation.

Installing Wing IDE 101 On a Mac



- 1. Wing is an Integrated Development Environment (IDE)**
 - Simplifies editing, running, and debugging Python programs
- 2. Install Wing IDE 101 version 5.0.9-1 (the latest version)**
 - Go to <http://wingware.com/>
 - Select “Download” on the top right
 - Select the “Wing IDE 101” tab (Wing 101 is free!)
 - On the right you’ll see green button; click on this to download the Wing Installer
 - Click on the Wing IDE “.dmg” file in your download window
 - 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:**

```
3.4.2 (v3.4.2:ab2c023a9432, Oct 5 2014, 20:42:22)
[GCC 4.2.1 (Apple Inc. build 5666) (dot 3)]Python
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 3.4.2. (That is, you don’t get the message about Python 3.4.2 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/3.4/bin/python3
 - ✦ Close Wing, restart it, and confirm that Python 3.4.2 is running in the Python shell window

Additional Help



You can watch this video if you need 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 3.4.2 and Wing IDE 101 v.5.0.9-1.