Installing Python and Wing on a PC

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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 PC

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 command window and type "python"
   - If Python 2.7.6 is already installed you will see a message such as

     Python 2.7.6 (default, Sep 18 2013, 15:08:59) [MSC v.1500 32 bit (Intel)] on win32

     Type "help", "copyright", "credits" or "license" for more information.

4. If Python 2.7.6 is not installed:
   - Go to http://www.python.org/download/
   - Download and run Python 2.7.6 Windows Installer (python-2.7.6.msi) (accept all the install recommendations)

Installing Wing On a PC

1. **Wing is an Integrated Development Environment (IDE)**
   - Simplifies editing, running, and debugging Python programs

2. **Install Wing IDE 101 verson 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 / Windows" (wingide-101-5.0.2-1.exe)

3. **You should be set. Now run Wing and in the Python shell window you should see a message such as:**

   ActivePython 2.7.6 (ActiveState Software Inc.) based on
   Python 2.7.6 (default, Sep 16 2013, 23:16:52) [MSC v.1500 32 bit (Intel)] on win 32
   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 PC

- 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 thus 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 "c:\Python27\python.exe"
    - Close Wing, restart it, and confirm that 2.7.6 is running in the Python shell window

Additional Help

- You can also watch the following video on installing Python and the Wing IDE on your machines: **http://www.youtube.com/watch?v=OrpavIGbkSw**

- In this video Python 3 and Wing IDE 101 v.4 are being installed. For our purposes, be sure to install Python 2.7.6 and Wing IDE 101 v.5.0.2-1!