

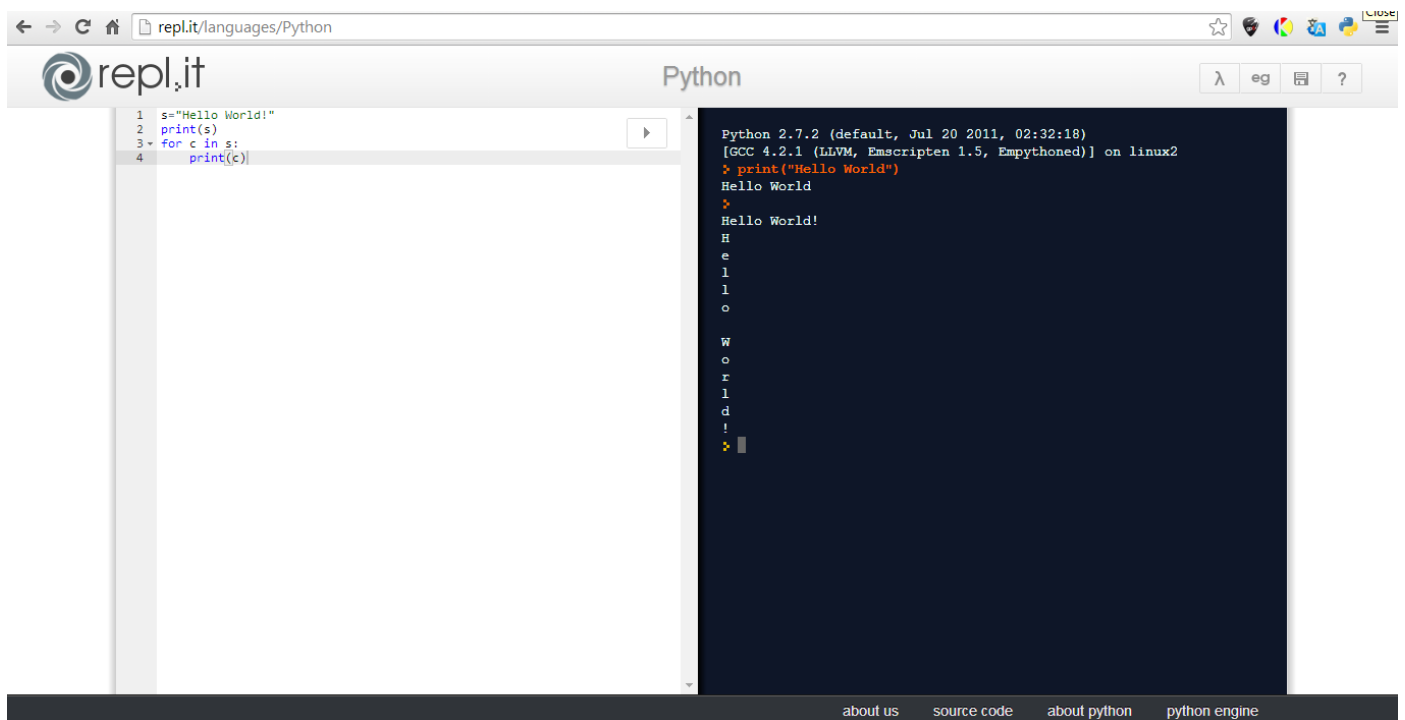
Setting up a Python environment

1. Browser-based interpreter

The easiest way to work with a simple Python environment is to enter the following URL in the primary web browser on your home PC:

<http://repl.it/languages/Python>

This will launch a web page with an interpreter environment on the right hand side and a free form code entry environment on the left hand side. You can enter Python code on either side. If you use the left hand screen, you press the arrow to execute it – output appears in the right hand window as illustrated below. This is a recommended starting environment to use for Python beginners.



2. Pythonista on iPad or iPhone

Pythonista is a highly rated paid app that you can install on iOS (either iPad or iPhone) that provides a fully functional Python environment. It has the added bonus of integrating with iOS functionality. It will work better on iPad with the bigger screen. The app costs £4.99 in iTunes so you will need to ask your parent or guardian for permission to purchase it.

<https://itunes.apple.com/gb/app/pythonista/>

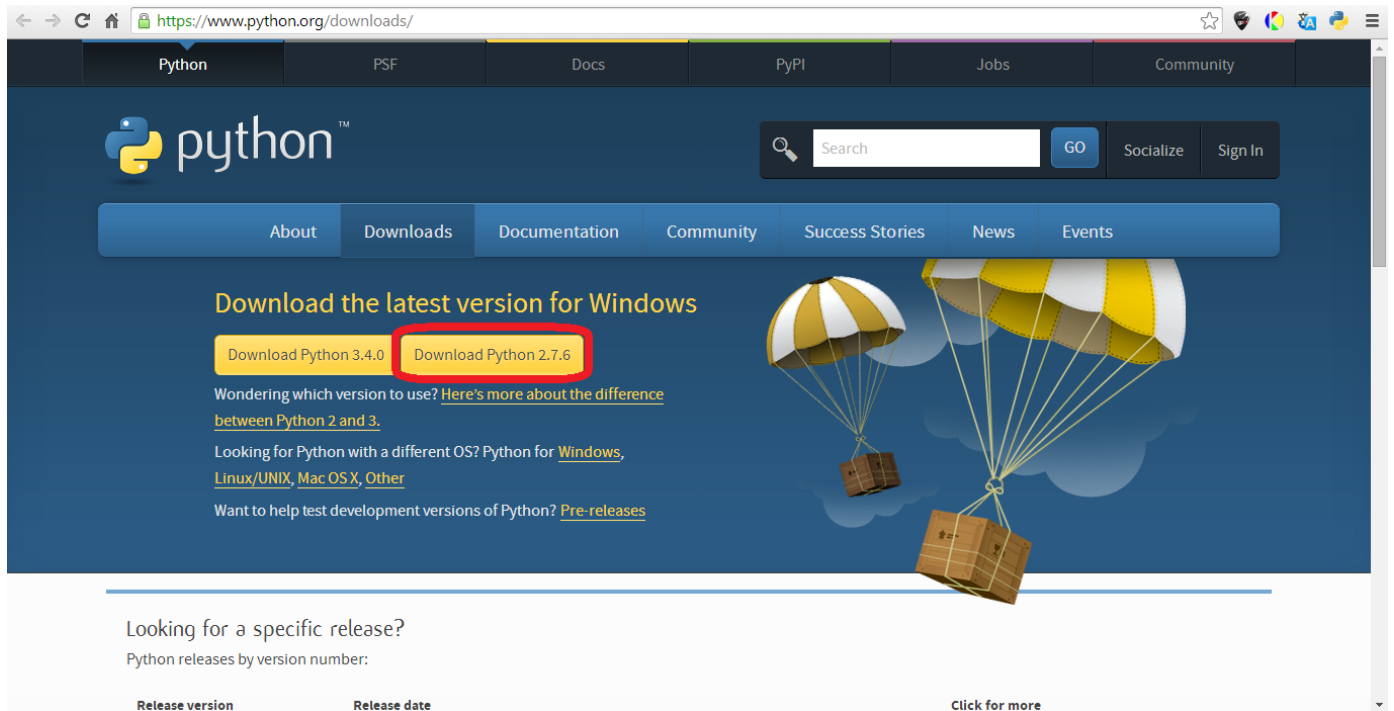


3. Local Python installation on Windows

The next stage up when you've progressed from absolute beginner is to install Python on a local Windows based PC. For this you need to go to this URL:

<http://www.python.org/downloads>

and click and download the Python 2.7.6 Windows installer package as per screenshot below and then install the .msi Microsoft Installer package.



You may need admin rights which should be ok if it's your home PC. You can install on any version of Windows. Once you've installed Python, IDLE will be available via the Windows Start menu.

4. Raspberry Pi

Python is installed by default on the Raspberry Pi once you have configured and set that device up. You can access the interpreter directly via the command line without entering the graphical environment. Alternatively you can launch the graphical environment by typing "startx" from the command line and you should then see IDLE accessible via an icon on the desktop.