

Installation instructions for the Python Workshop

Tuesday, July 15th 2014

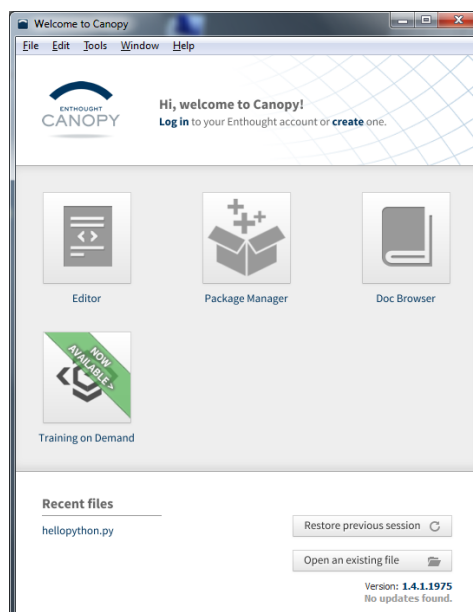
These instructions explain what you need to install depending on your experience and the operating system you use.

Windows and Mac users:

Everything you need (and much much more) is contained in the free Canopy Express installation. Canopy is a software bundle containing an integrated editor, Python and Python packages we will use. You can get the Canopy here:
<https://store.enthought.com/downloads/>

Normally, the web browser picks the right installation file for you depending on your operating system and the architecture, but it is a good idea to verify the choice: Make sure you download the software for the right platform (Windows or Mac), and the right version (either 32 bit or 64 bit). If you're unsure which version to download you can find the information by right click on My Computer and Properties in Windows. On Mac follow the instructions here (<http://support.apple.com/kb/ht3696>).

Once Canopy is installed, you can check if it works properly by opening Enthought Canopy. You should see the following window open:



If it opens you are ready for the workshop!

Experienced Mac/Linux users:

If you prefer a light-weight solution to Canopy, feel free to obtain Python and only the packages we will use in the workshop. We will use the numpy package (www.numpy.org/) and the matplotlib (<http://matplotlib.org/>). This solution might require some fiddling around, so if you do not want to spend time tweaking your computer getting Canopy is probably a better idea.

Linux users can get everything from the repository.

Experienced Mac users can use Macports (<http://www.macports.org/>) to get what they need from Terminal:

```
sudo port install py27-numpy py27-scipy py27-matplotlib py27-ipython
```

If you require any sort of help, ping Jack, Ivana or a closest nerd to you!