

Installing Canopy (and Python) on your own computer.

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I want this to be a shared document where participants in CS111 can help each other install Canopy on their own computers. I have begun with a section on what to do on a Macintosh running Mavericks. I would be grateful if others who have successfully installed on different platforms would add to these guidelines.

Macintosh 10.9 Mavericks:

1. Go to <http://www.enthought.com/products/canopy/>
2. Click "Get Canopy"
3. Click the "For Academics" tab
4. Click "Request licence"
5. Create an account for yourself. When you have completed the process you will be able to:
6. Click "You can now download Enthought Canopy"
7. Be sure to scroll down past 'Canopy Express' to the Canopy Full Installer
8. Click "Download Canopy-1.4.1, 64-bit for Mac OSX"
9. WAIT for the download to complete
10. Using the Finder: Go to your Downloads folder
11. Double-click canopy1.4.1-full-osx.dmg
12. When it's done, you should be able to drag a canopy image to an image representing your applications folder. Do so.
13. WAIT for it to finish.
14. Now go to your applications folder and double-click Canopy
(You will need to OK a warning about applications downloaded from the internet, and you will need to OK the location for your Canopy environment. Do so.)
15. Say "Yes" to Canopy being your default Python environment.
16. Click "Start using Canopy"

17. Go to Preferences (under the Canopy menu) and select the Python tab.
18. Set the Pylab backend to Inline(SVG) -- this is to enable graphics to work for you
19. Select "Editor". You should see two panes on the right hand side. The lower is your Python interactions pane.
20. Write and run your first Python program:
After the "In [1]:" prompt type '2+2' and hit Enter
If all is well you should see "Out[1]: 4"

Windows 8/8.1:

Follow above instructions to step 7.

8. Make sure the tab is set to "Windows" and download canopy ([link](#) for 64-bit). Keep track of where it's downloaded to. If you do not set anything, it should show up in your downloads folder.
9. Let the download complete.
10. Navigate to your downloads folder or wherever you saved your download.
11. Double-click canopy-1.5.1-win-64.msi. A Setup Wizard should open.
12. Click next through the Setup Wizard, agreeing to license terms as prompted, until Canopy is installing.
13. Let the installation complete.
14. Finish and allow Canopy to launch ("Launch Canopy when setup exits.")
(You will need to OK the location for your Canopy environment.)
15. Say "Yes" to Canopy being your default Python environment and start.
16. Log in using the credentials created in steps 1-7.
17. In the bar up top, mouse over "Edit" and click on "Preferences."
18. In the window that opens, select the Python tab. Set the Pylab backend to Inline(SVG) -- this is to enable graphics to work for you. Close the window when you are done.
19. Select "Editor". You should see two panes on the right hand side. The lower is your Python interactions pane.
20. Write and run your first Python program:
After the "In [1]:" prompt type '2+2' and hit Enter
If all is well you should see "Out[1]: 4"