

Miniconda

	 Windows	 Mac OS X	 Linux
Python 3.7	64-bit (exe installer) 32-bit (exe installer)	64-bit (bash installer) 64-bit (.pkg installer)	64-bit (bash installer) 32-bit (bash installer)
Python 2.7	64-bit (exe installer) 32-bit (exe installer)	64-bit (bash installer) 64-bit (.pkg installer)	64-bit (bash installer) 32-bit (bash installer)

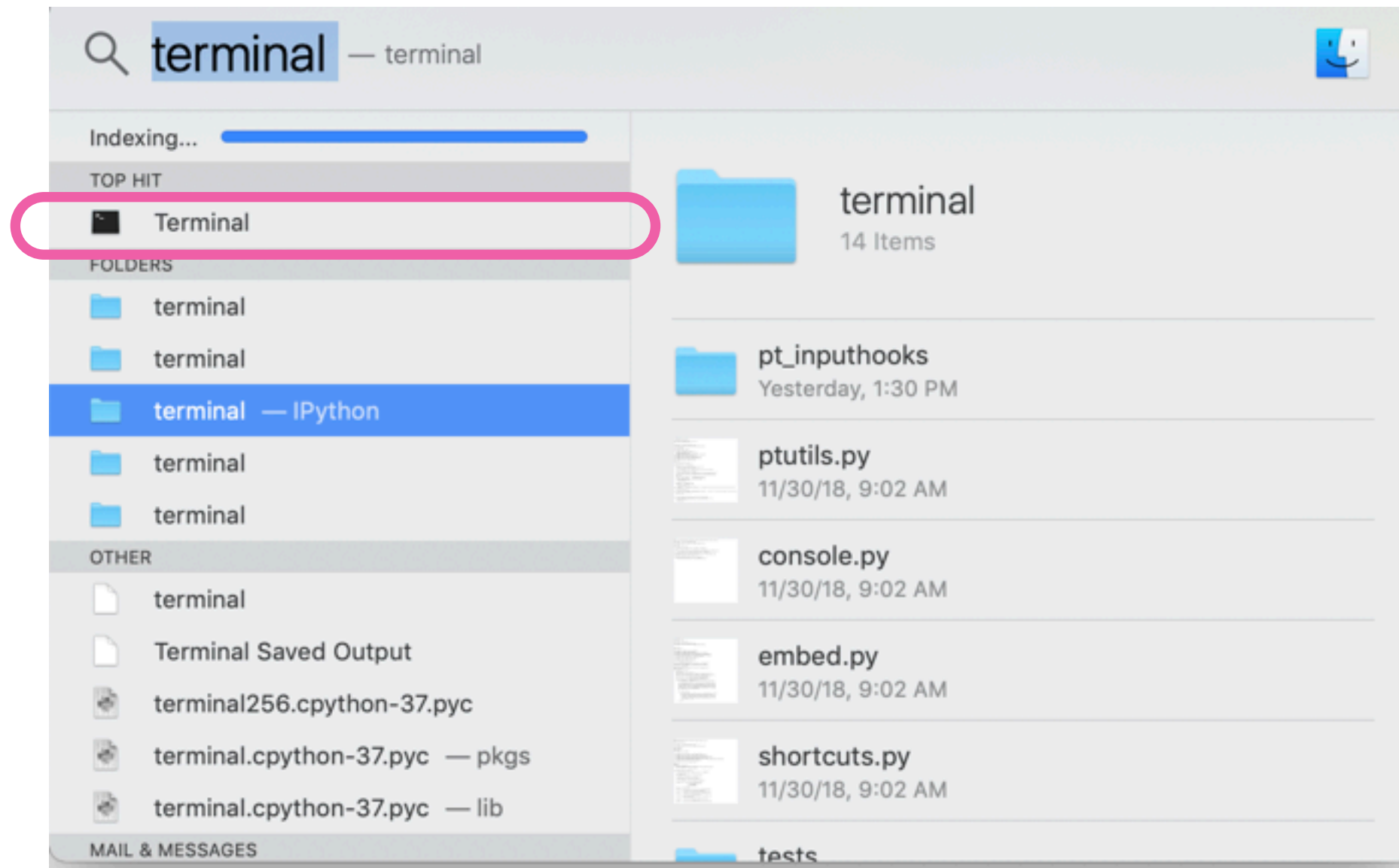
Installation instructions

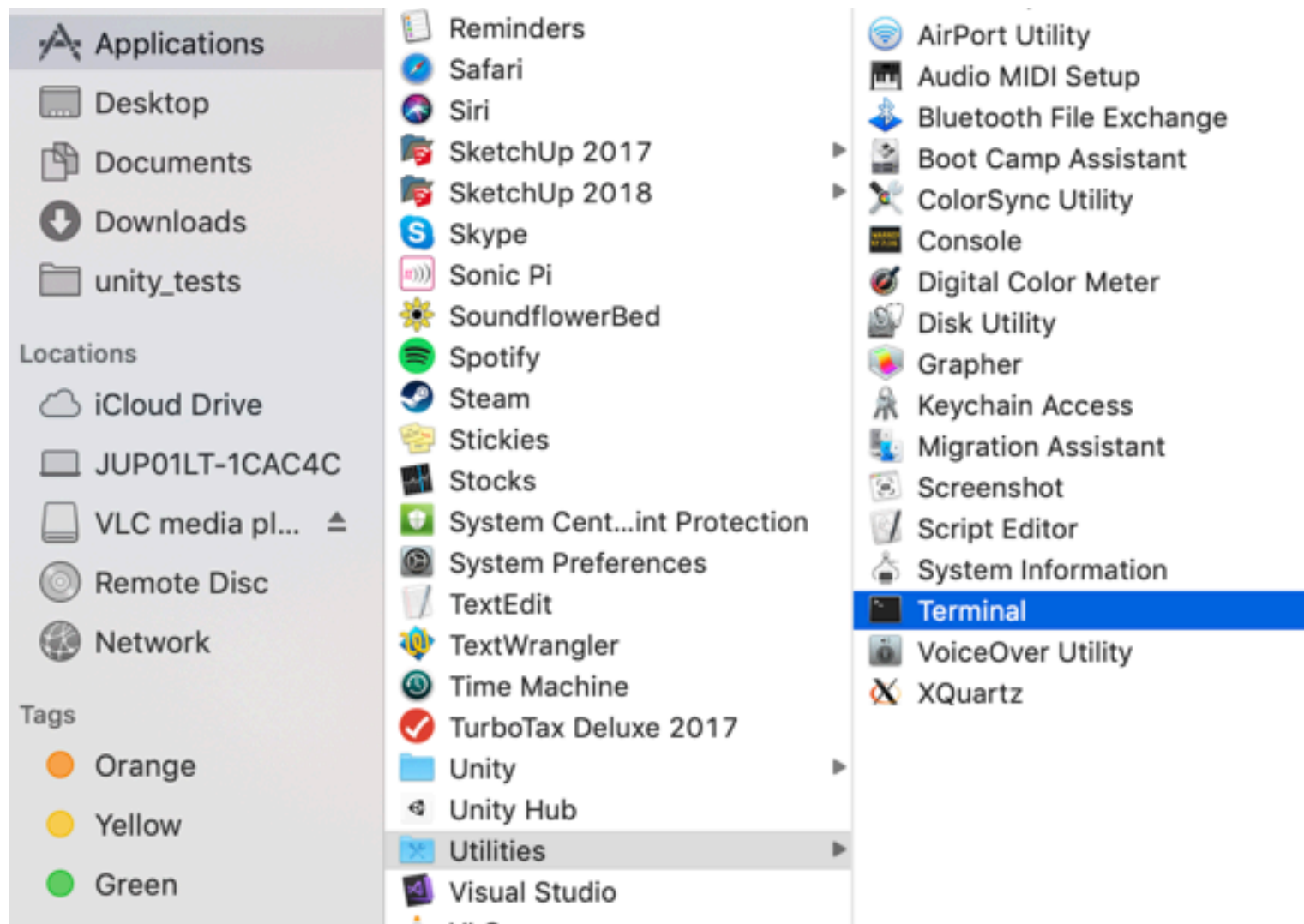
Other resources:

- [Miniconda with Python 3.7 for Power8 & Power9](#)
- [Miniconda with Python 2.7 for Power8 & Power9](#)
- [Miniconda Docker images](#)
- [Miniconda AWS images](#)
- [Archive and MD5 sums for the installers](#)
- [conda change log](#)

These Miniconda installers contain the conda package manager and Python. Once Miniconda is installed, you can use the conda command to install any other packages and create environments, etc. For example:

Start Terminal.app. You can get to it via Spotlight.





Or in the finder via **Applications > Utilities > Terminal.app**

```
JUP01LT-1CAC4C:~ annina$ conda install scipy
[Solving environment: done]

## Package Plan ##

  environment location: /Users/annina/miniconda3

  added / updated specs:
    - scipy

The following packages will be downloaded:

package | build | size
-----|-----|-----
mkl-2019.1 | 144 | 154.4 MB
intel-openmp-2019.1 | 144 | 1.1 MB
libgfortran-3.0.1 | h93005f0_2 | 495 KB
numpy-base-1.15.4 | py37h6575580_0 | 4.1 MB
scipy-1.1.0 | py37h1410ff5_2 | 14.9 MB
blas-1.0 | mkl | 5 KB
mkl_random-1.0.2 | py37h27c97d8_0 | 358 KB
numpy-1.15.4 | py37hacdab7b_0 | 47 KB
mkl_fft-1.0.10 | py37h5e564d8_0 | 153 KB
-----|-----|-----
Total: | | 175.6 MB

The following NEW packages will be INSTALLED:

blas: 1.0-mkl
intel-openmp: 2019.1-144
libgfortran: 3.0.1-h93005f0_2
mkl: 2019.1-144
mkl_fft: 1.0.10-py37h5e564d8_0
mkl_random: 1.0.2-py37h27c97d8_0
numpy: 1.15.4-py37hacdab7b_0
numpy-base: 1.15.4-py37h6575580_0
scipy: 1.1.0-py37h1410ff5_2

Proceed ([y]/n)? y
```

In terminal, type the following and hit enter:
conda install scipy

```
annina — conda install scipy — 105x41

JUP01LT-1CAC4C:~ annina$ conda install scipy
[Solving environment: done]

## Package Plan ##

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numpy-base: 1.15.4-py37h6575580_0
scipy: 1.1.0-py37h1410ff5_2

Proceed ([y]/n)? y
```

If terminal prompts you with: **Proceed ([y] / n)?** Type the following and hit enter:

y


```
annina — -bash — 105x41

mkl-2019.1          |          144      154.4 MB
intel-openmp-2019.1 |          144        1.1 MB
libgfortran-3.0.1   |      h93005f0_2     495 KB
numpy-base-1.15.4   |  py37h6575580_0     4.1 MB
scipy-1.1.0          |  py37h1410ff5_2    14.9 MB
blas-1.0            |          mkl         5 KB
mkl_random-1.0.2     |  py37h27c97d8_0    358 KB
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numpy:               1.15.4-py37hacdab7b_0
numpy-base:         1.15.4-py37h6575580_0
scipy:               1.1.0-py37h1410ff5_2

Proceed ([y]/n)? y

Downloading and Extracting Packages
mkl-2019.1          | 154.4 MB | ##### | 100%
intel-openmp-2019.1 | 1.1 MB   | ##### | 100%
libgfortran-3.0.1   | 495 KB   | ##### | 100%
numpy-base-1.15.4   | 4.1 MB   | ##### | 100%
scipy-1.1.0         | 14.9 MB  | ##### | 100%
blas-1.0            | 5 KB     | ##### | 100%
mkl_random-1.0.2     | 358 KB   | ##### | 100%
numpy-1.15.4        | 47 KB    | ##### | 100%
mkl_fft-1.0.10      | 153 KB   | ##### | 100%
Preparing transaction: done
Verifying transaction: done
Executing transaction: done
(base) JUP01LT-1CAC4C:~ annina$ conda install jupyter
```

Next, type the following and hit enter:
conda install jupyter

Also install matplotlib by typing the following and hitting enter:

conda install matplotlib

Then close the terminal and re-open the terminal. In terminal, type the following then hit enter:

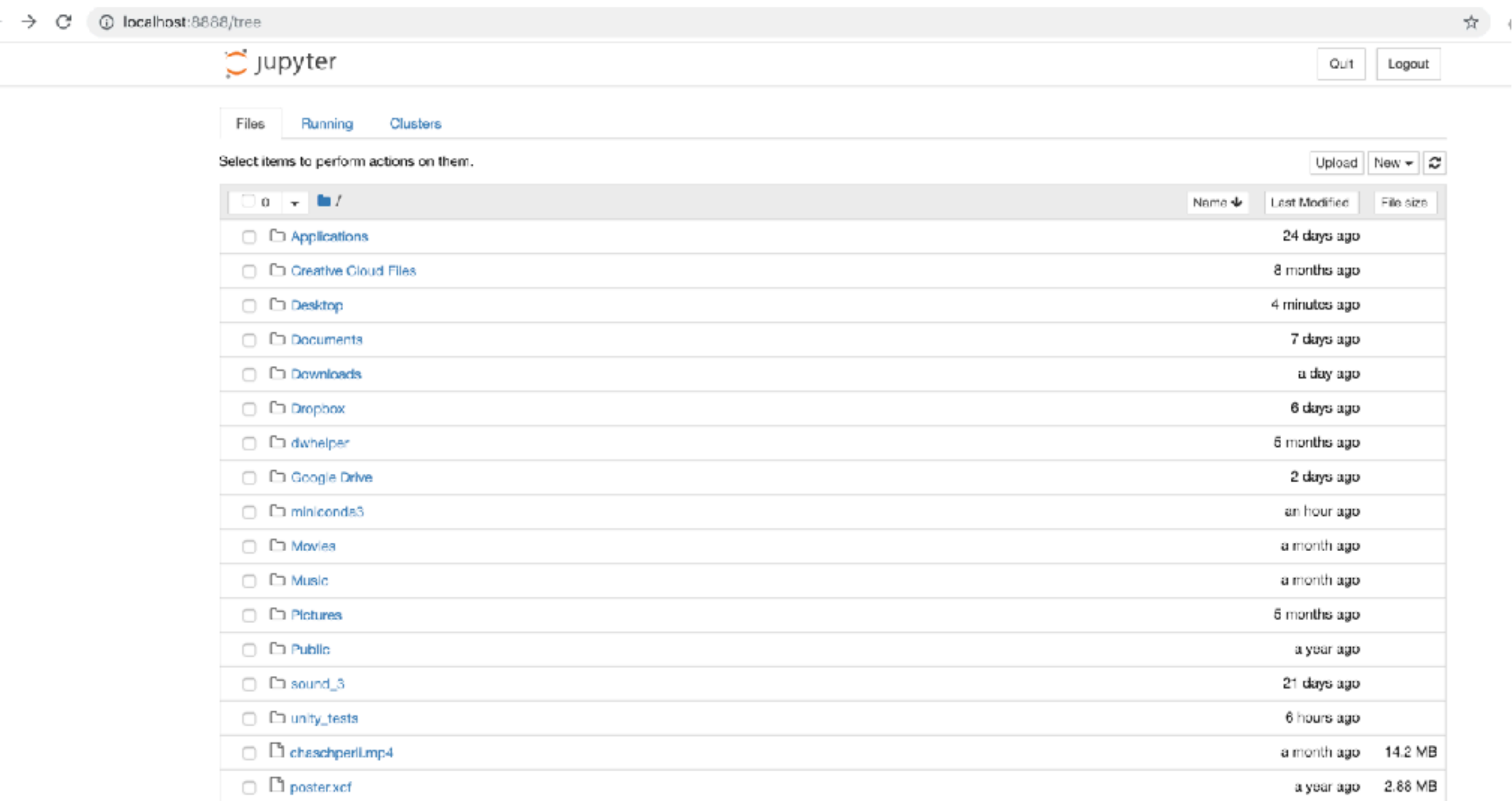
jupyter notebook

A screenshot of a macOS terminal window. The title bar at the top shows three colored window control buttons (red, yellow, green) on the left, and a home icon followed by the text 'annina — -bash — 118x31' on the right. The terminal content shows a prompt '(base) JUP01LT-1CAC4C:~ annina\$' followed by the command 'jupyter notebook' being typed, with a black cursor at the end of the command.

```
(base) JUP01LT-1CAC4C:~ annina$ jupyter notebook
```

Whatever browser you have listed as “default” should now show the jupyter notebook.

First, navigate to a folder where you can safely store the notebook.



The screenshot shows the JupyterLab interface in a web browser. The address bar displays 'localhost:8888/tree'. The Jupyter logo is in the top left, and 'Out' and 'Logout' buttons are in the top right. Below the logo are tabs for 'Files', 'Running', and 'Clusters'. A message says 'Select items to perform actions on them.' with 'Upload', 'New', and a refresh icon to the right. The main area is a file browser showing a list of files and folders. The list has columns for 'Name', 'Last Modified', and 'File size'. The files are listed as follows:

Name	Last Modified	File size
Applications	24 days ago	
Creative Cloud Files	8 months ago	
Desktop	4 minutes ago	
Documents	7 days ago	
Downloads	a day ago	
Dropbox	6 days ago	
dlwhelper	6 months ago	
Google Drive	2 days ago	
miniconda3	an hour ago	
Movies	a month ago	
Music	a month ago	
Pictures	6 months ago	
Public	a year ago	
sound_3	21 days ago	
unity_tests	6 hours ago	
chaschperlump4	a month ago	14.2 MB
poster.xcf	a year ago	2.66 MB

Then, create a new notebook like this:

pyter

Quit Logout

Running Clusters

ms to perform actions on them.

Upload New ↕

▼ /

Name ↓

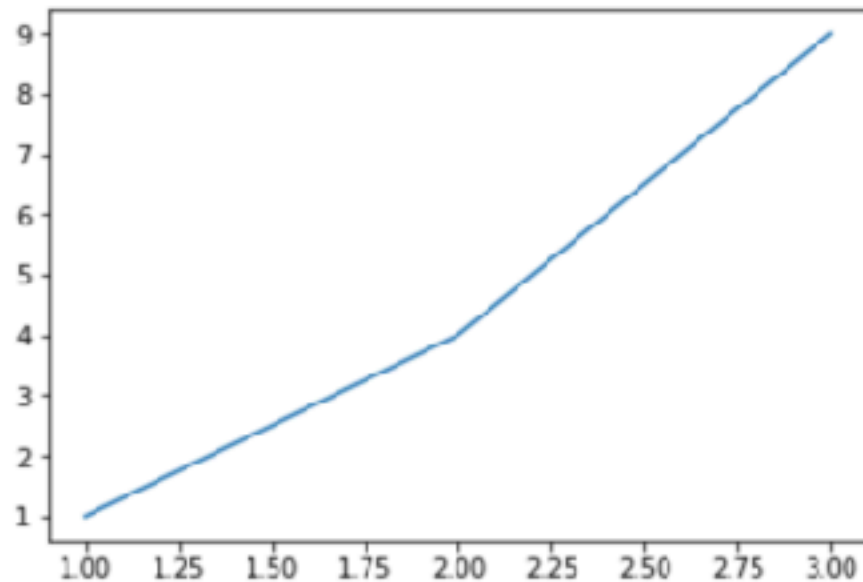
Notebook:
Python 3

Other:
Text File
Folder
Terminal

Applications	
Creative Cloud Files	
Desktop	
Documents	
Downloads	a day ago
Dropbox	6 days ago
dwhelper	5 months ago
Google Drive	2 days ago
miniconda3	an hour ago

Type the following lines. Hit return to go to a new line. Hit Shift & return after show() to display the graph.

```
In [5]: from pylab import *  
x = [1,2,3]  
y = [1,4,9]  
plot(x,y)  
show()
```



Save your notebook frequently.