

Installing Anaconda Python on a Linux* PC

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*These examples use Gentoo Linux and the LXDE Desktop;
other Linux distributions may require slightly different steps

Download Anaconda Python 3.6 (<https://www.anaconda.com/download/#linux>)

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Anaconda 5.2 For Linux Installer

Python 3.6 version *

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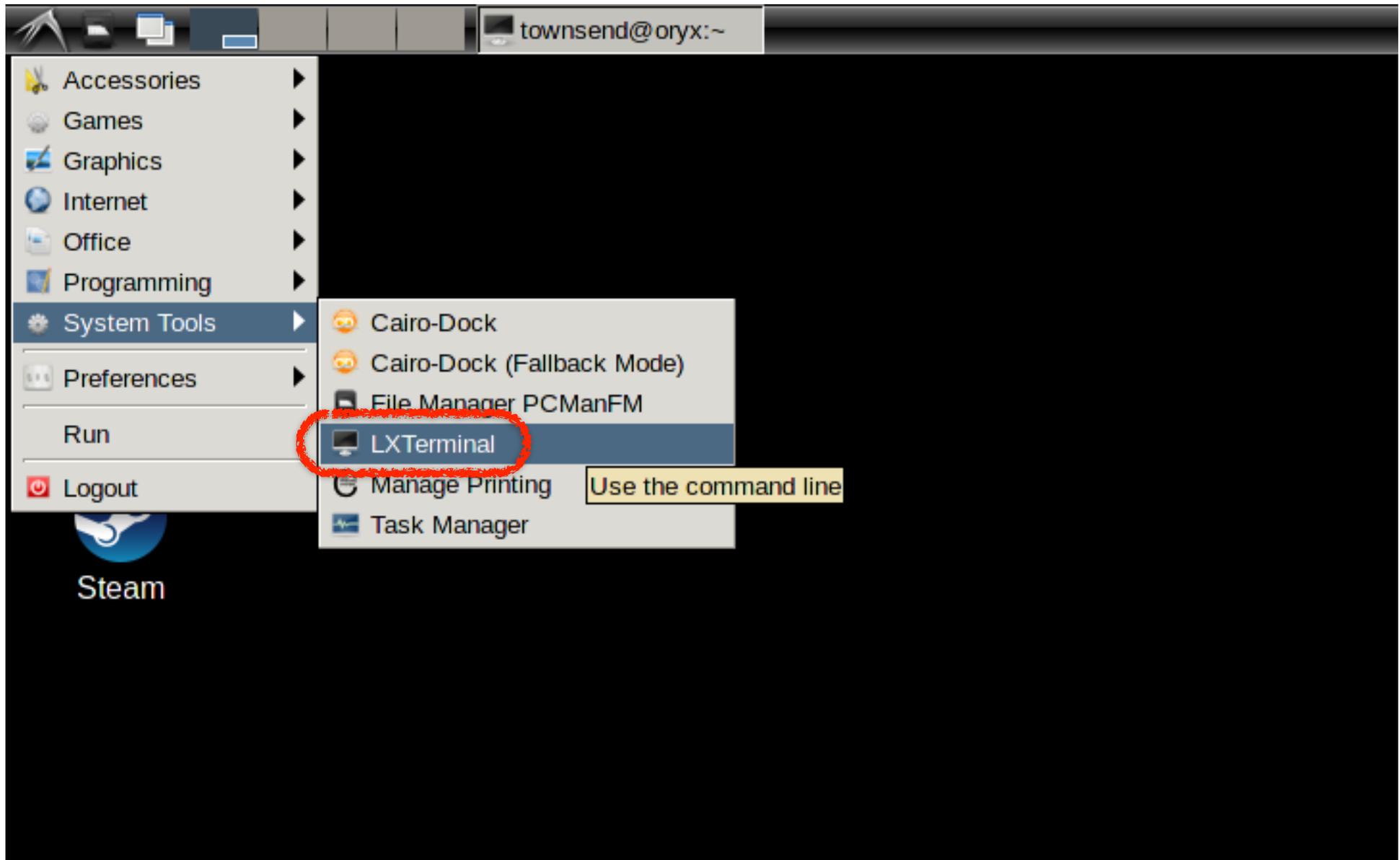
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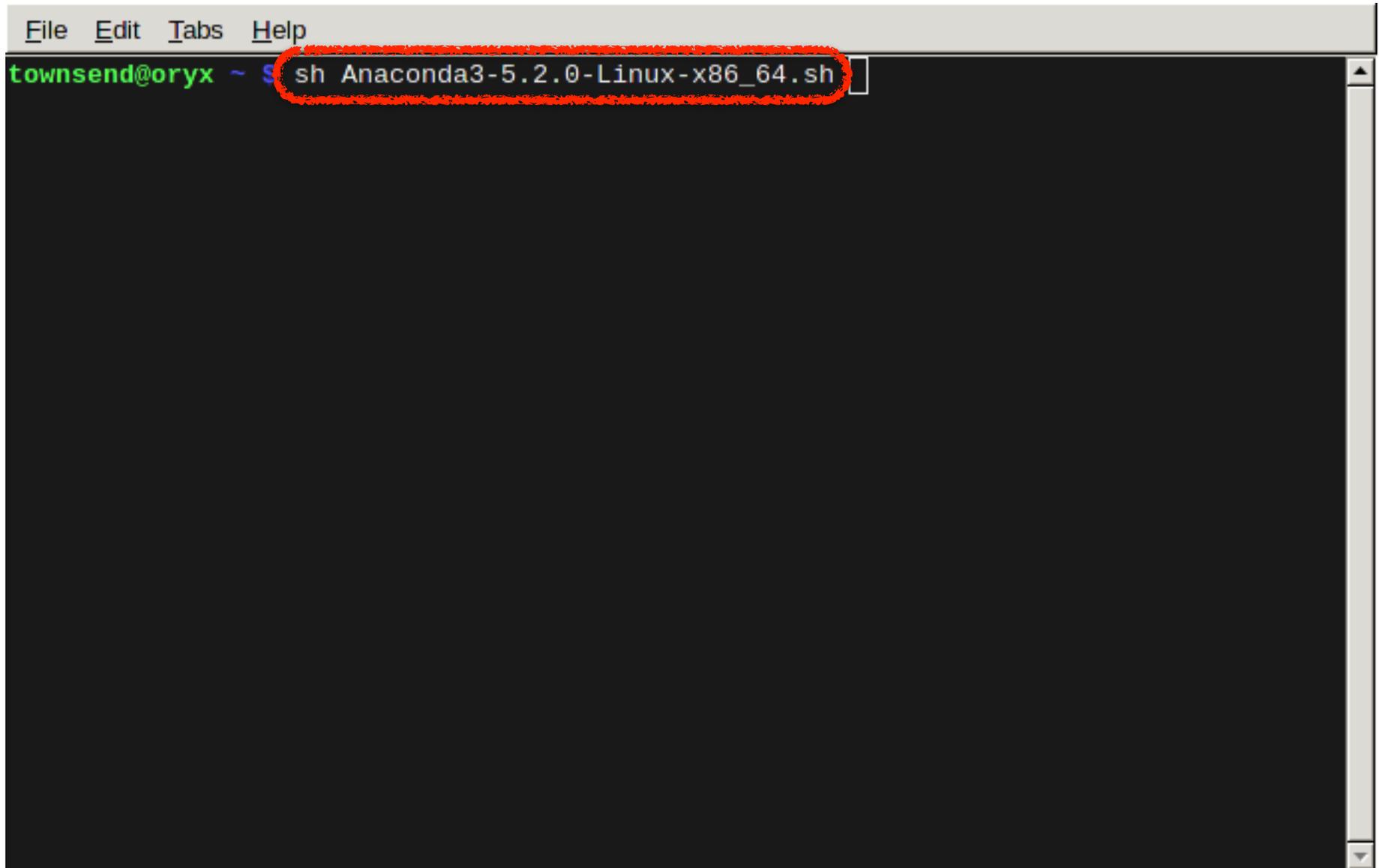
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Find and launch the Terminal app



Begin the installation



A terminal window with a menu bar containing 'File', 'Edit', 'Tabs', and 'Help'. The prompt is 'townsend@oryx ~ \$'. The command 'sh Anaconda3-5.2.0-Linux-x86_64.sh' is entered and highlighted with a red circle.

```
townsend@oryx ~ $ sh Anaconda3-5.2.0-Linux-x86_64.sh
```

Agree to the license

File Edit Tabs Help

openssl

The OpenSSL Project is a collaborative effort to develop a robust, commercial-grade, full-featured, and Open Source toolkit implementing the Transport Layer Security (TLS) and Secure Sockets Layer (SSL) protocols as well as a full-strength general purpose cryptography library.

pycrypto

A collection of both secure hash functions (such as SHA256 and RIPEMD160), and various encryption algorithms (AES, DES, RSA, ElGamal, etc.).

pyopenssl

A thin Python wrapper around (a subset of) the OpenSSL library.

kerberos (krb5, non-Windows platforms)

A network authentication protocol designed to provide strong authentication for client/server applications by using secret-key cryptography.

cryptography

A Python library which exposes cryptographic recipes and primitives.

Do you accept the license terms? [yes|no]

[no] >>> yes

Complete the installation

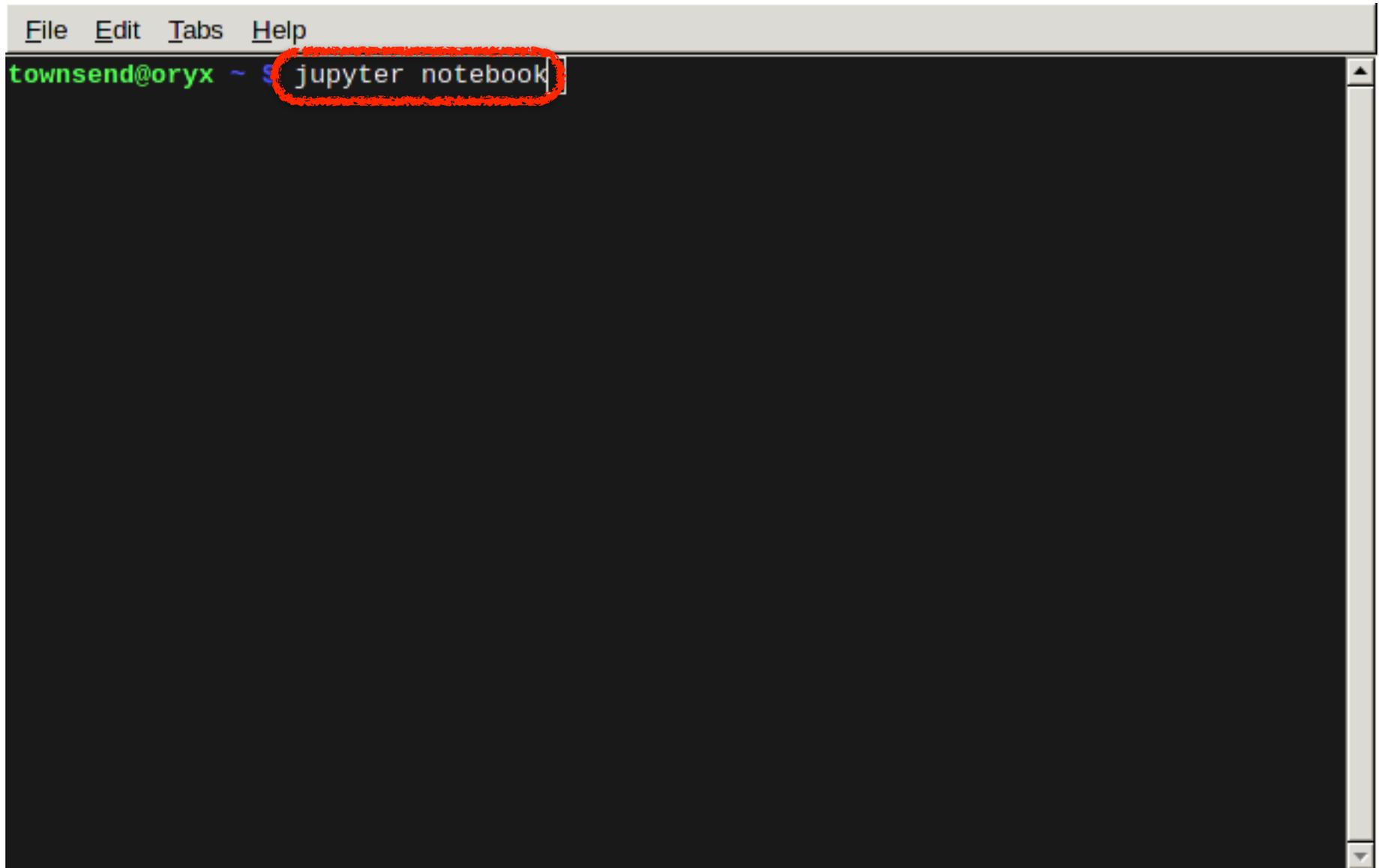
```
File Edit Tabs Help
installing: patsy-0.5.0-py36_0 ...
installing: pytables-3.4.3-py36h02b9ad4_2 ...
installing: pytest-astropy-0.3.0-py36_0 ...
installing: scikit-learn-0.19.1-py36h7aa7ec6_0 ...
installing: astropy-3.0.2-py36h3010b51_1 ...
installing: odo-0.5.1-py36h90ed295_0 ...
installing: scikit-image-0.13.1-py36h14c3975_1 ...
installing: statsmodels-0.9.0-py36h3010b51_0 ...
installing: blaze-0.11.3-py36h4e06776_0 ...
installing: seaborn-0.8.1-py36hfad7ec4_0 ...
installing: anaconda-5.2.0-py36_3 ...
installation finished.
Do you wish the installer to prepend the Anaconda3 install location
to PATH in your /home/townsend/.bashrc ? [yes|no]
[no] >>> yes

Appending source /home/townsend/anaconda3/bin/activate to /home/townsend/.bashrc
A backup will be made to: /home/townsend/.bashrc-anaconda3.bak

For this change to become active, you have to open a new terminal.

Thank you for installing Anaconda3!
townsend@oryx ~ $
```

Launch jupyter from the Terminal app



A screenshot of a terminal window with a menu bar at the top containing 'File', 'Edit', 'Tabs', and 'Help'. The terminal prompt is 'townsend@oryx ~ \$'. The command 'jupyter notebook' is typed into the terminal and is highlighted with a red dashed border. The terminal background is black, and the text is white.

```
townsend@oryx ~ $ jupyter notebook
```

Create a new folder — this will be where all your Astronomy 310 work resides



Logout

Files

Running

Clusters

Select items to perform actions on them.

Upload

New ▾



<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	▼			
<input type="checkbox"/>		anaconda		
<input type="checkbox"/>		beta2		
<input type="checkbox"/>		bin		
<input type="checkbox"/>		cbound		
<input type="checkbox"/>		Creative Cloud Files		12 days ago
<input type="checkbox"/>		data		a year ago
<input type="checkbox"/>		Desktop		13 hours ago
<input type="checkbox"/>		devel		12 days ago
<input type="checkbox"/>		Documents		23 days ago

- Notebook:
 - Python 3
- Other:
 - Text File
 - Folder**
 - Terminal

Select the new folder

<input type="checkbox"/>	📁 p.dSYM	2 months ago
<input type="checkbox"/>	📁 Pictures	a month ago
<input type="checkbox"/>	📁 Public	8 months ago
<input type="checkbox"/>	📁 python	8 months ago
<input type="checkbox"/>	📁 sigorie-most	3 months ago
<input type="checkbox"/>	📁 tmp	23 days ago
<input checked="" type="checkbox"/>	📁 Untitled Folder	a minute ago
<input type="checkbox"/>	📁 work	2 months ago
<input type="checkbox"/>	📄 abstract.txt	4 months ago
<input type="checkbox"/>	📄 appendix.aux	4 months ago
<input type="checkbox"/>	📄 appendix.log	4 months ago
<input type="checkbox"/>	📄 appendix.pdf	4 months ago
<input type="checkbox"/>	📄 appendix.tex	4 months ago

Rename the new folder to “astro_310” (use the *Rename* button at the top)

Jupyter

Logout

Rename directory



Enter a new directory name:

astro_310

Cancel

Rename

<input type="checkbox"/>	cbound	16 days ago
<input type="checkbox"/>	Creative Cloud Files	12 days ago
<input type="checkbox"/>	data	a year ago
<input type="checkbox"/>	Desktop	13 hours ago
<input type="checkbox"/>	devel	12 days ago
<input type="checkbox"/>	Documents	23 days ago

Change current folder to “astro_310” by clicking on the folder name



Logout

Files

Running

Clusters

Select items to perform actions on them.

Upload

New ▾



<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Name ↑	Last Modified ↑
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	anaconda	19 minutes ago
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	astro_310	2 minutes ago
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	beta2	3 months ago
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	bin	12 days ago
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	cbound	16 days ago
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Creative Cloud Files	12 days ago
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	data	a year ago
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Desktop	13 hours ago
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	devel	12 days ago

Create a new Python 3 notebook



Logout

Files

Running

Clusters

Select items to perform actions on them.

Upload

New ▾



▾ / astro_310

⏪ ..

Notebook list empty.

Notebook:

Python 3

Other:

Text File

Folder

Terminal

Enter a command, and then press the “Run Cell” (▶|) button or hit *Shift-Enter*

 jupyter Untitled (unsaved changes)

 Logout

File Edit View Insert Cell Kernel Widgets Help Trusted Python 3

          Code 

```
In [ ]: print('hello world!')
```

Success!

 jupyter Untitled (unsaved changes)

 Logout

File Edit View Insert Cell Kernel Widgets Help Trusted Python 3

          Code  

```
In [1]: print('hello world!')
```

```
hello world!
```

```
In [ ]:
```