



FREE eBook

LEARNING

ipython-notebook

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**#ipython-
notebook**

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About

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Chapter 1: Getting started with ipython-notebook

Remarks

This section provides an overview of what ipython-notebook is, and why a developer might want to use it.

It should also mention any large subjects within ipython-notebook, and link out to the related topics. Since the Documentation for ipython-notebook is new, you may need to create initial versions of those related topics.

Examples

Installation or Setup

Detailed instructions on getting ipython-notebook set up or installed:

Please Note: iPython Notebook is now *no longer supported* as all of the functionality has been moved into to the [Jupyter](#) project.

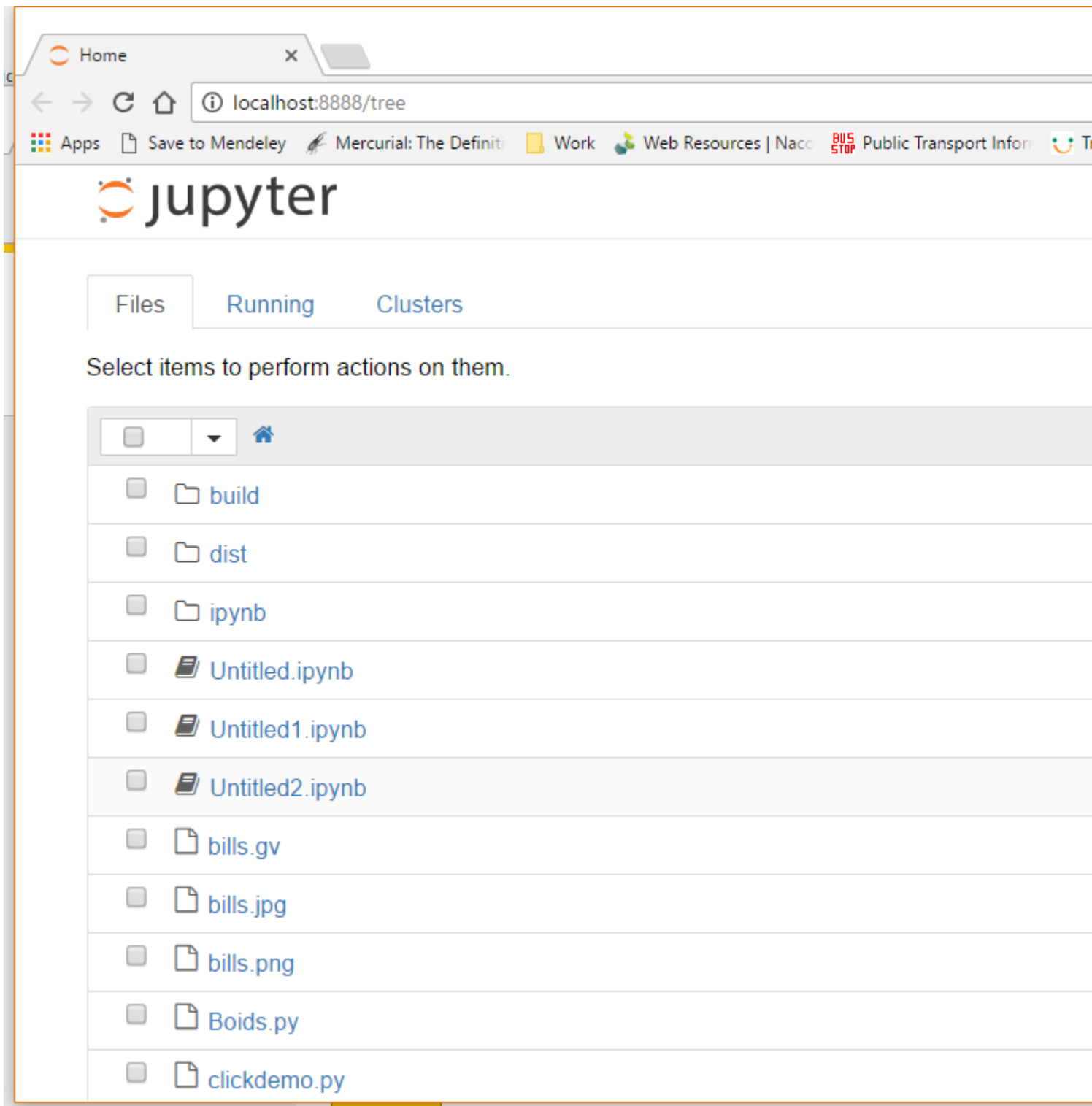
Prerequisite

To install Jupyter or iPython Notebook you must have python installed at at least version 2.7.3+ or 3.3+ - python can be installed from the [main python site](#), from your Linux/OS-X distribution or as one of the bundled packages such as [Anaconda recommended](#).

Installing Jupyter Notebook

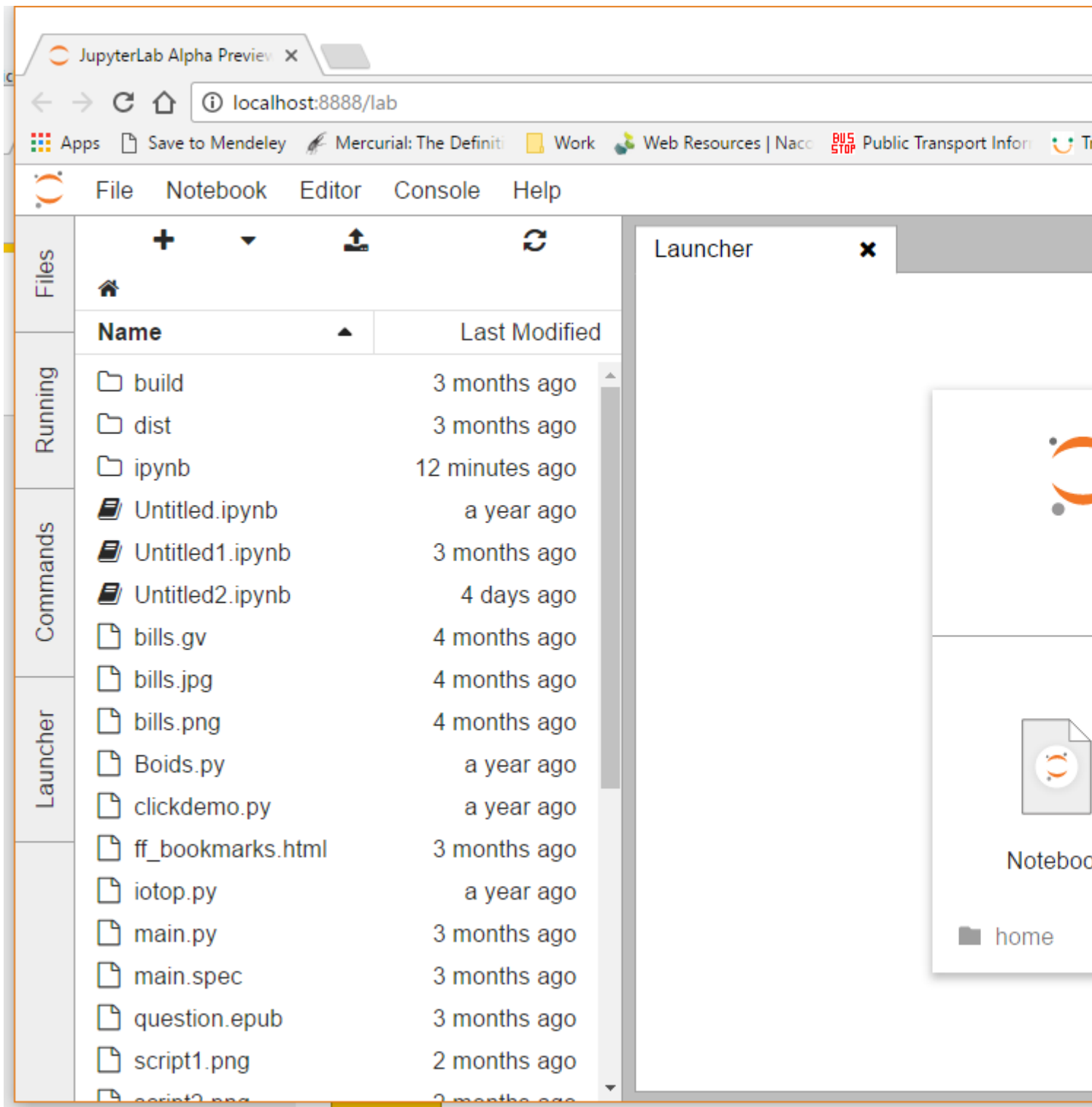
To install the Jupyter Notebook:

- In Anaconda: Ensure you are running a recent version of Anaconda for Python 3 and you already have Jupyter and it's Notebook installed just run with `jupyter notebook`
- Using pip *Linux and OS-X users may need to prefix all the following commands with `sudo`:*
- Update pip with: `python -m pip install --upgrade pip`
- Install Jupyter with: `pip install --upgrade jupyter`
- Run with: `jupyter notebook` to start the server and you should see the "home" interface in your browser:



For instructions on how to enable additional kernels see the Jupyter site.

Note: There is currently, 2016, a new, *next generation*, user interface for Jupyter under active development called [Jupyter Lab](#) which is worth watching:



Legacy Systems

On legacy systems iPython it **may** be possible to install iPython notebook to a python system with pip installed use the command:

```
pip install ipython[notebook]
```

Every time that you run ipython notebook you will receive a warning:

```
[TerminalIPythonApp] WARNING | Subcommand `ipython notebook` is deprecated and will be removed
in future versions.
[TerminalIPythonApp] WARNING | You likely want to use `jupyter notebook` in the future
```

and find that you **are** running Jupyter.

Note on Importing Libraries

On some systems, *notably OS-X or when running from a Virtual Environment*, the notebook **may** not recognize some of the libraries installed on the underlying system, *this is due to the system python and that being used to run the notebook being different installations*. Adding the libraries can be done independently in the notebooks environment by the following command from within the iPython environment:

```
!pip install [desired library]
```

Or with the following code:

```
import pip
pip.main(['install', 'library-name']) # '-U' can be added after install to update existing
packages
```

Read [Getting started with ipython-notebook online](https://riptutorial.com/ipython-notebook/topic/7948/getting-started-with-ipython-notebook): <https://riptutorial.com/ipython-notebook/topic/7948/getting-started-with-ipython-notebook>

Credits

S. No	Chapters	Contributors
1	Getting started with ipython-notebook	amin , Community , Roberto Izquierdo , Steve Barnes