

Systems Note 29

Jupyter Packages on Linux

Hardware - Mac mini (2018)

OS - macOS Catalina 10.15.5

Emulation - VirtualBox 6.1.12 r139181 (Qt5.6.3) at install time

Emulated OS - Ubuntu 20

In ubuntu `uname -a` shows Linux 5.4.0-42-generic #46-Ubuntu SMP Fri Jul 10 2020 x86_64 x3 GNU/Linux

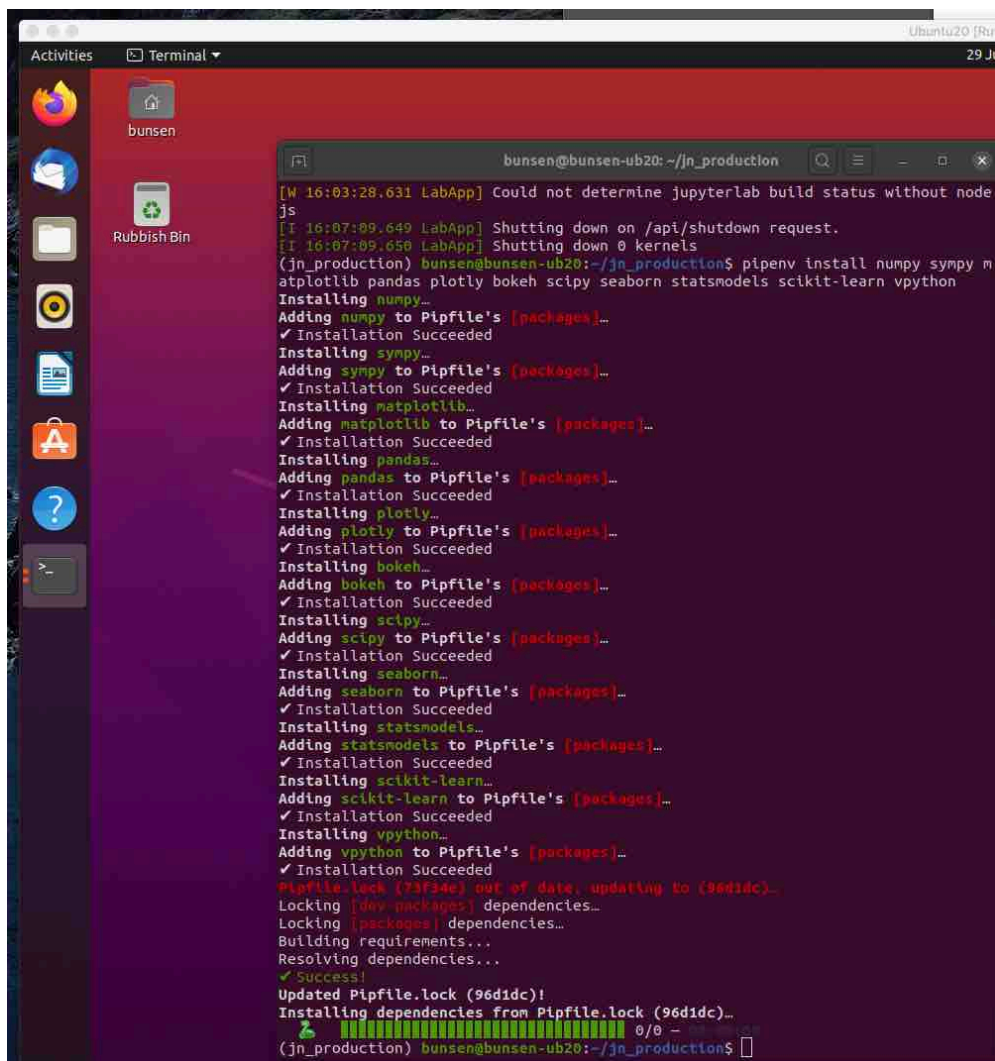
In terminal to enter the pyenv version created in Note27

```
cd ~/jn_production
```

To enter the environment created in Note28

```
pipenv shell
```

```
pipenv install numpy sympy matplotlib pandas plotly bokeh scipy seaborn statsmodels scikit-learn vpython nodejs
```



Default firefox does not run vpython graphics. Install Chrome

wget https://dl.google.com/linux/direct/google-chrome-stable_current_amd64.deb

```
sudo apt install ./google-chrome-stable_current_amd64.deb
```

Top Left Activities Search Google Chrome, Make Default browser ticked OK

```
sudo apt install nodejs
```

```
sudo apt install npm
```

```
jupyter-lab
```

Jigsaw piece icon enable jupyterlab Extension Manager

Install ipyevents extension and jupyter-widgets/jupyter-lab manager Rebuild

Use command jupyter notebook to access vpython package etc as jupyter-lab not displaying vpython output at present in virtual env.