

Systems Note 15

Jupyter on Apple

Hardware - Intel Mac mini (2018)

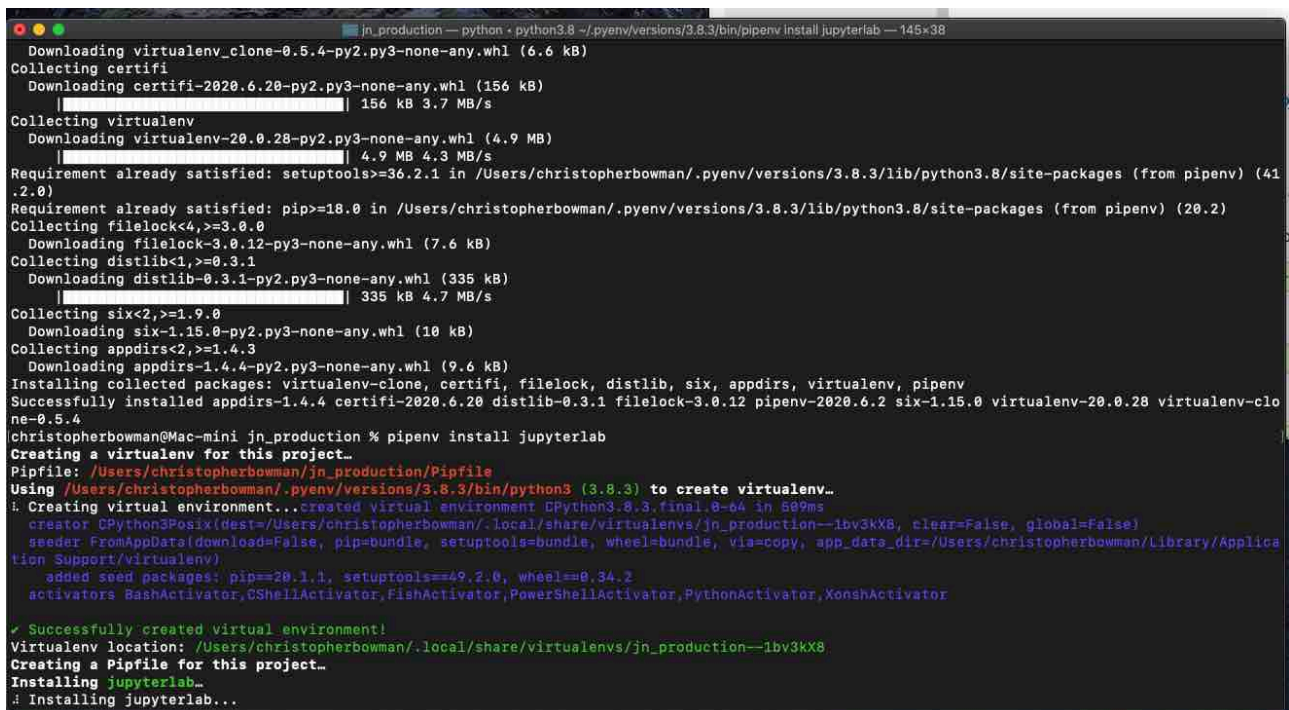
OS - macOS Catalina 10.15.6

uname -a gives Darwin 19.6.0 Jul 5 2020 xnu-6153.141.1~9/RELEASE_X86_64

In terminal to enter the pyenv version created in Note14

```
cd ~/jn_production
```

```
pipenv install jupyterlab
```



```
jn_production — python · python3.8 ~/pyenv/versions/3.8.3/bin/pipenv install jupyterlab — 145x38
Downloading virtualenv_clone-0.5.4-py2.py3-none-any.whl (6.6 kB)
Collecting certifi
  Downloading certifi-2020.6.20-py2.py3-none-any.whl (156 kB)
    |#####| 156 kB 3.7 MB/s
Collecting virtualenv
  Downloading virtualenv-20.0.28-py2.py3-none-any.whl (4.9 MB)
    |#####| 4.9 MB 4.3 MB/s
Requirement already satisfied: setuptools>=36.2.1 in /Users/christopherbowman/.pyenv/versions/3.8.3/lib/python3.8/site-packages (from pipenv) (41.2.0)
Requirement already satisfied: pip>=18.0 in /Users/christopherbowman/.pyenv/versions/3.8.3/lib/python3.8/site-packages (from pipenv) (20.2)
Collecting filelock<4,>=3.0.0
  Downloading filelock-3.0.12-py3-none-any.whl (7.6 kB)
Collecting distlib<1,>=0.3.1
  Downloading distlib-0.3.1-py2.py3-none-any.whl (335 kB)
    |#####| 335 kB 4.7 MB/s
Collecting six<2,>=1.9.0
  Downloading six-1.15.0-py2.py3-none-any.whl (10 kB)
Collecting appdirs<2,>=1.4.3
  Downloading appdirs-1.4.4-py2.py3-none-any.whl (9.6 kB)
Installing collected packages: virtualenv-clone, certifi, filelock, distlib, six, appdirs, virtualenv, pipenv
Successfully installed appdirs-1.4.4 certifi-2020.6.20 distlib-0.3.1 filelock-3.0.12 pipenv-2020.6.2 six-1.15.0 virtualenv-20.0.28 virtualenv-clone-0.5.4
christopherbowman@Mac-mini jn_production % pipenv install jupyterlab
Creating a virtualenv for this project..
Pipfile: /Users/christopherbowman/jn_production/Pipfile
Using /Users/christopherbowman/.pyenv/versions/3.8.3/bin/python3 (3.8.3) to create virtualenv..
i. Creating virtual environment...created virtual environment CPython3.8.3.final.0-64 in 509ms
creator CPython3Posix(dest=/Users/christopherbowman/.local/share/virtualenvs/jn_production-1bv3kx8, clear=False, global=False)
seeders FromAppData(download=False, pip=bundle, setuptools=bundle, wheel=bundle, via=copy, app_data_dir=/Users/christopherbowman/Library/Application Support/virtualenv)
added seed packages: pip==20.1.1, setuptools==49.2.0, wheel==0.34.2
activators BashActivator,CSHELLActivator,FishActivator,PowerShellActivator,PythonActivator,XonshActivator

✓ Successfully created virtual environment!
Virtualenv location: /Users/christopherbowman/.local/share/virtualenvs/jn_production-1bv3kx8
Creating a Pipfile for this project..
Installing jupyterlab..
i Installing jupyterlab...
```

```
pipenv shell
```

```
jupyterlab
```

