

Systems Note 25

Mayavi package in 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 pyenv version created in Note14

```
cd ~/jn_production
```

To enter the environment created in Note 15

```
pipenv shell
```

```
brew install gnuplot installs vtk
```

```
pipenv install QtPy Pyface wxPython PySide2 PyQt5 traits traitsui
```

```
git clone https://github.com/enthought/mayavi.git (Version 4.7.1 at install time)
```

```
cd mayavi
```

```
pipenv install -r requirements.txt
```

```
python setup.py install
```

```
jupyter nbextension install --py mayavi --user
```

```
jupyter nbextension enable --py mayavi --user
```

```
pipenv install ipyevents
```

```
jupyter-lab
```

