

Jupyter

setup

setup virtual environment

```
sudo apt install python3-virtualenv
mkdir <path_to_project>
cd <path_to_project>
virtualenv -p python3 lib
source lib/bin/activate
pip install -U pip wheel
pip install -U jupyter
```

bash kernel

add bash kernel

```
pip install bash_kernel
python -m bash_kernel.install
```

start bash console

[console --kernel bash](#)

nodejs

pre-requisite: python virtualenv need to be “virtualenv”, not “venv”

```
pip install nodeenv
nodeenv --python-virtualenv
```

TODO nodejs kernel

tensor flow

tensor flow

```
pip install tensorflow
```

daily job

```
cd <path_to_project>  
source lib/bin/activate  
jupyter notebook
```

https://github.com/goatchurchprime/jupyter_micropython_kernel/

```
git clone https://github.com/goatchurchprime/jupyter_micropython_kernel.git  
pip install -e jupyter_micropython_kernel  
python -m jupyter_micropython_kernel.install
```

widgets

```
pip install ipywidgets  
jupyter nbextension enable --py widgetsnbextension
```

turtle [docs](#)

```
pip install https://github.com/takluyver/mobilechelonian/archive/master.zip
```

run jupyter

```
jupyter notebook
```

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