Octoprint

https://community.octoprint.org/t/setting-up-octoprint-on-a-raspberry-pi-running-raspbian-or-raspberry-pi-os/2337

```
cd ~
sudo apt update
sudo apt install python3-pip python3-dev python3-setuptools python3-venv git
libyaml-dev build-essential
mkdir OctoPrint && cd OctoPrint
python3 -m venv venv
source venv/bin/activate
```

In the virtual environment do:

```
pip install pip --upgrade
pip install octoprint
```

Add user to tty and dialout group to allow access to serial port:

```
sudo usermod -a -G tty $USER
sudo usermod -a -G dialout $USER

#reboot required for the new group to take effect. For temporary access:
sudo chown $USER /dev/ttyUSB0
sudo chmod a+rw /dev/ttyUSB0
```

Start service:

```
~/OctoPrint/venv/bin/octoprint serve
```

Access it via http://localhost:5000

Autostart service:

```
wget
https://github.com/OctoPrint/OctoPrint/raw/master/scripts/octoprint.service
sudo mv octoprint.service /etc/systemd/system/octoprint.service
sudo sed -i 's/pi/'"$USER"'/g' /etc/systemd/system/octoprint.service
sudo systemctl enable octoprint.service
```

Update:

```
cd ~/OctoPrint
python3 -m venv venv
source venv/bin/activate
pip install pip --upgrade
pip install setuptools --upgrade
```

```
pip install octoprint --upgrade
```

Tuya Smart Plug

https://pypi.org/project/tinytuya/ https://plugins.octoprint.org/plugins/tuyasmartplug/

From:
http://wuff.dyndns.org/ - **Wulf's Various Things**

Permanent link:
http://wuff.dyndns.org/doku.php?id=3dprinter:octoprint&rev=1682775632

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