Raspberry Pi notes

# Setup / customizations / installing

## Linux Services:

### Start a service

sudo nano /etc/systemd/system/dcabot.service

Content:

[Unit]

Description=Dollar-Cost Averaging (DCA) Bot

After=network.target

[Service]

ExecStart=/usr/bin/python3 /home/slavek/DcaBotCcxt/DcaBot.py

WorkingDirectory=/home/slavek/DcaBotCcxt

User=slavek

Restart=always

[Install]

WantedBy=multi-user.target

sudo systemctl enable polywatcher.service

sudo systemctl start polywatcher.service

sudo systemctl daemon-reload

### Useful service commends

systemctl list-units --type=service  
- list all services   
sudo journalctl -u dcabot.service -n 100 --no-pager  
sudo journalctl -u polywatcher.service --vacuum-time=3600s  
systemctl status polywatcher.service

journalctl -e

## Mycodo

<https://kizniche.github.io/Mycodo/>

### Install

curl -L https://kizniche.github.io/Mycodo/install | bash

### Stop and remove

sudo service mycodo stop

sudo service mycodoflask stop

sudo service nginx stop

## I2C enable

1. sudo nano /boot/config.txt
2. dtparam=i2c\_arm=on; dtparam=i2c\_vc=on
3. Test with python script from here: https://github.com/switchdoclabs/SDL\_Pi\_HDC1080\_Python3/blob/master/testHDC1080.py

# Fixing issues / debugging

## Raspberry pi not installing ccxt issue

https://stackoverflow.com/questions/22073516/failed-to-install-python-cryptography-package-with-pip-and-setup-py

sudo apt-get install build-essential libssl-dev libffi-dev python-dev

pip install cryptography

# New grower setup

sudo apt-get update

sudo apt-get upgrade

[Install mycodo](#_Install)

I2C setup [here](#_I2C_enable)