

Room Layout



Poor Cooling



Thermostat

- ▶ Closed Loop control device for heating and/or cooling system
- ▶ Senses current temperature and

Home Assistant

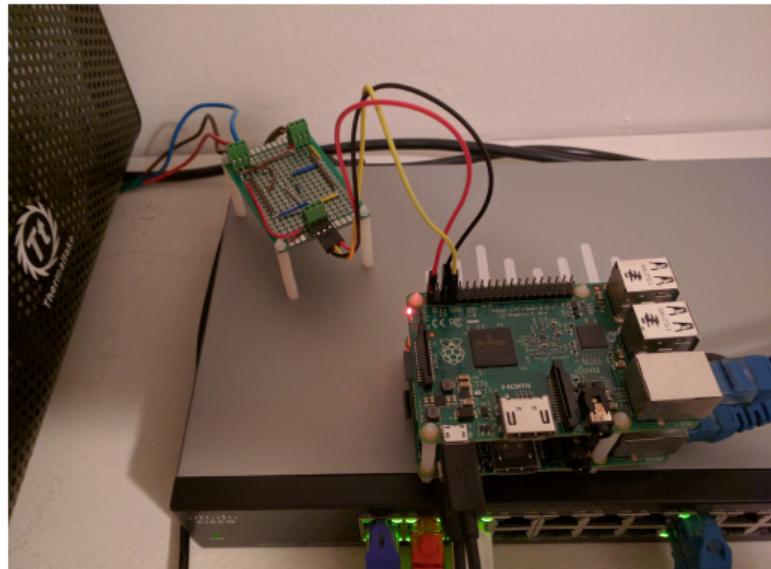
- ▶ Open Source Home Automation Platform
- ▶ Written in Python 3
- ▶ Has support for over 600 different components
- ▶ Runs locally (with all data locally)

Controlling the AC

- ▶ Can't take apart the AC (I don't own it)
- ▶ No identifying information for the AC
- ▶

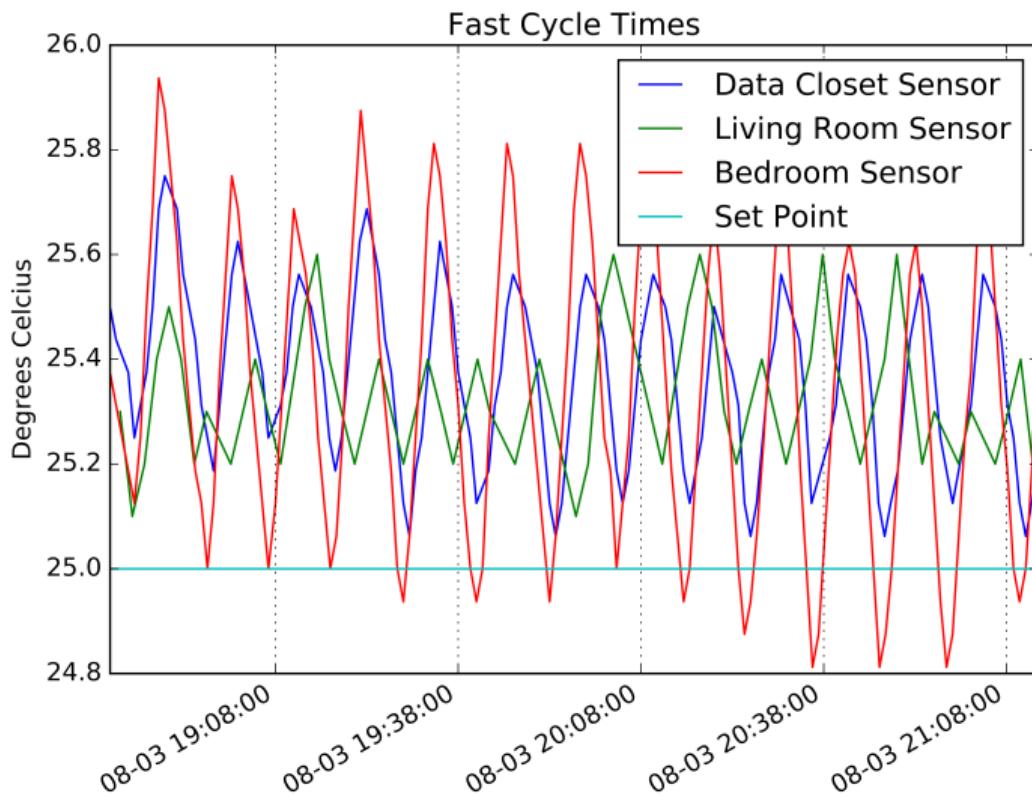
Bedroom Temperature Sensing

- ▶ Track bedroom temperature and data closet
- ▶



DallasMQTT

Cycle Time



Starting to Automate

Location Tracking

Owntracks

Future Work

Where to get more information

- ▶ Blog Post <http://blog.kortar.org/?p=319>
- ▶ <https://home-assistant.io/>
- ▶ <https://github.com/mtreinisch/dallasMQTT>

Questions?