Requirements

- library interrupts
    - https://github.com/phil-lavin/raspberry-pi-gpio-interrupt/blob/master/gpio-interrupt.c
    - https://github.com/WiringPi/WiringPi/tree/master
- UDP multicast
    - https://openbook.rheinwerk-verlag.de/linux_unix_programmierung/Kap11-018.htm
- adaptive struct
- thread GPIO
- thread timer
- thread logging
- thread receive
- services (systemd/systemctl)

notes

- check thread/process priorities