

cmon_log

- m name
- m_verbose
- virtual initialize() = 0
- virtual finalize() = 0
- virtual log_climate_data = 0
- get_date_time_str()

cmon_log_disk

- m_climate_data_file
- initialize()
- finalize()
- log_climate_data()

cmon_log_net

- m_sc
- initialize()
- finalize()
- log_climate_data()

Thingspeak

Channel info:

Channel name: caramonpiChannel id: 75139

Address: https://thingspeak.com/channels/75139/

Write API Key: xxxxxxxxRead API Key: yyyyyyyy

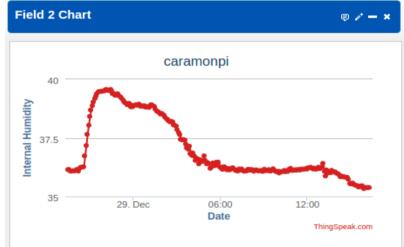
- Field 1: Internal Temperature
- Field 2: Internal Humidity
- Field 3: External Temperature

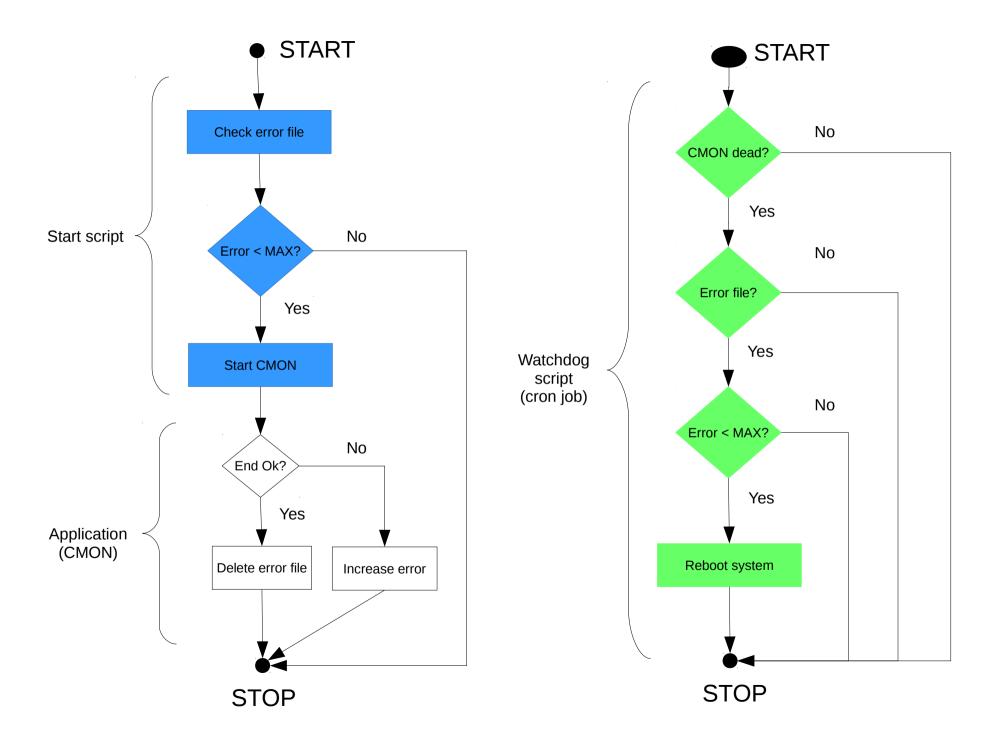
Update channel:

curl --fail --silent --data \
"key=<WRITEKEY>&field1=<VAL1>&field2=<VAL2>&field3=<VAL3>" https://api.thingspeak.com/update

Check return code: echo \$?







List active cron jobs

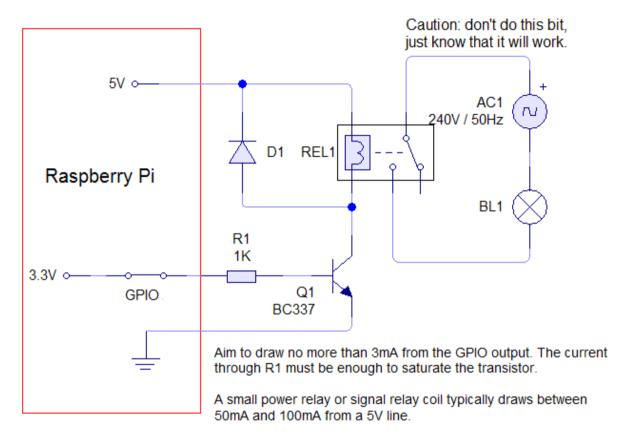
Disable cron job

Raspberry Pi2 , Connector P1

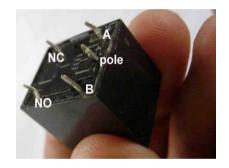
| | 5V Power | 5V Power | Ground | GPIO14 UARTO_TXD | GPIO15 UARTO_RXD | GPIO18 PCM_CLK | Ground | GP1023 | GP1024 | Ground | GP1025 | GPIO8 SPIO_CEO_N | GPIO7 SPIO_CE1_N | ID_SC I2C ID EEPROM | Ground | GP1012 | Ground | GP1016 | GPI020 | GP1021 | |
|---------------|--------------------|--------------------------|-------------------------|---------------------|---------------------|-------------------|----------------|--------|--------------|---------------------|--------------------|---------------------|---------------------|------------------------|-------------------|--------|--------|--------|--------|--------------|-------------|
| Pi Model B/B+ | 1 2 | б 4 | 2 | 7 | (a) | 11 12 | 13 41 41 | 15 16 | 17 18 | (S) | 21 22 | 23 24 | \$2 \$2 | 27 28 | \$0 \$0 \$0 | 31 32 | 33 34 | 35 36 | 37 38 | 39 40 | Pi Model B+ |
| | 3V3 Power | GPIO2 SDA1 I2C | GPIO3 SCL112C | GP104 | Ground | GPIO17 | GPI027 | GP1022 | 3V3 Power | GPIO10 SPI0_MOSI | GPIO9 SPI0_MISO | GPIO11 SPI0_SCLK | Ground | ID_SD 12C ID EEPROM | GPIO5 | GP106 | GPI013 | GPI019 | GP1026 | Ground | |

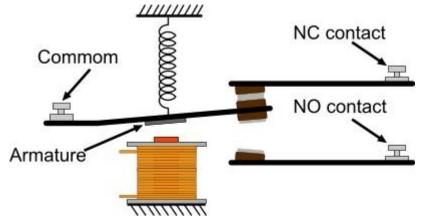
CMON, GPIO

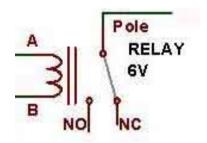
| Pin | GPIO | Direction | Description |
|-----|------|-----------|----------------|
| 7 | 4 | - | 1-Wire |
| 11 | 17 | Out | LED - Alive |
| 12 | 18 | Out | LED - Sysfail |
| 13 | 27 | | |
| 15 | 22 | In | Start disabled |
| 16 | 23 | | |
| 18 | 24 | | |
| 22 | 25 | | |

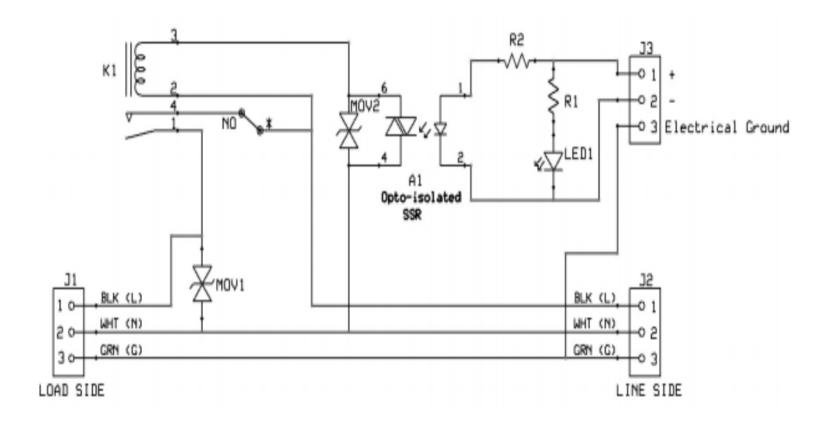


NC = Normal Closed NO = Normal Open









http://www.powerswitchtail.com/

PowerSwitch Tail Kit for 200-240vac mains PN PSTK-240

