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# Configuration Options for PhyPiDAQ

# device configuration files
DeviceFile: config/ADS1115Config.yaml
#DeviceFile: config/MCP3008Config.yaml
#DeviceFile: config/PSConfig.yaml
#DeviceFile: config/MAX31865Config.yaml
#DeviceFile: config/GPIOCCount.yaml
#DeviceFile: config/DS18B20Config.yaml
#DeviceFile: config/MAX31855Config.yaml

## an example of multiple devices
#DeviceFile: [config/ADS1115Config.yaml, config/GPIOCCount.yaml]

DisplayModule: DataLogger
# DisplayModule: DataGraphs # text, bar-graph, history and xy-view
Interval: 0.1 # logging interval
XYmode: true # enable/disable XY-display

# channel-specific information
ChanLabels: [U, I] # names for channels
ChanUnits: [V, mA] # units for channels
ChanColors: [darkblue, sienna] # channel colours in display

# eventually overwrite Channel Limits obtained from device config
ChanLimits:
- [0.0, 2.5] # chan 0
- [0., 0.2] # chan 1
## - [0., 1.] # chan 2

# calibration of channel values
# - null or - <factor> or - [ [ <true values> ], [ <raw
values> ] ]
#ChanCalib:
# - 1. # chan0: simple calibration factor
# - [ [0.,1.], [0., 1.] ] # chan1: interpolation: [true]([<raw>]
)
# - null # chan2: no calibration

# apply formulae to calibrated channel values
ChanFormula:
- c0 # chan0
- c1 * 0.1 # chan1
# - null # chan2 : no formula

# name of output file
DataFile: null # file name for output file
DataFile: Kennlnie_LED.csv # file name for output file
#CSVseparator: ';'

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