

kilb2-SampleCode

GitHub repository for reading Kitronyx snapshot files and log files

Code Purpose

Collection of sample code and source code in various programming languages for aggregating data from Snapshot and Log folders' converted CSV files using Kitronyx products

FolderTree

```
CalculateDriftRate
├── README.md
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├── SampleCode
│   ├── calc_drift_rate.m
│   ├── main.m
│   └── Read_ConvertLogFile_1_dimension_data.m
├── Drift_Sample_ConvertLogFilePage 01
│   ├── Drift_AdcData-1d.csv
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└── src
    └── calc_drift_rate.m
```

MATLAB

Version: R2023b Update 7 (23.2.0.2515942) 64bit January 30, 2024

Code Description

```
calc_drift_rate.m
- MATLAB file containing a function to calculate drift rate for all log data
- Returns [drift_rate] when given a drift infomation struct.
- drift infomation struct format example:
  - drift_info.Time_start
  - drift_info.Time_end
```

- drift_info.ADC_begin
- drift_info.ADC_end

명령 창

Drift start time: 1, Drift end time: 7488.03, Drift start ADC: 76, Drift end ADC: 80
Drift rate of all log:1.3585 %log10time
f >>

작업 공간

이름	값	클래스
col	24	double
drift_ADC_d...	1x7488 cell	cell
drift_info	1x1 struct	struct
drift_log_5i...	1x7488 cell	cell
drift_rate	1.3585	double
measured_n...	66	double
row	5	double