Weather - Station

Version - 0.1.0

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Table of Contents

Introduction

Libraries

Kotlinx Serialization

TornadoFX

JSerialComm

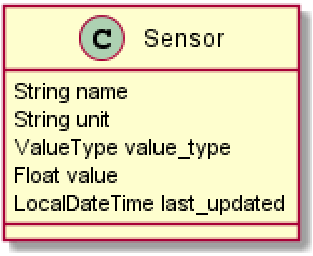
Shortcuts

Table 1. Shortcuts

Shortcut	Action
`Ctrl + C`	Connect to Arduino

Architecture

Sensor model



Sensors

Sensorlist

The list of available sensors is initialized using a JSON file. In this file all sensors and their required attributes are described. So that the application is able to read the file correctly it must correspond exactly to the specified format.

The file contains an attribute called `sensors`. This is a list type and must contain all sensor definitions. A sensor definition is enclosed by a pair of opening and closing braces `{ … }`. Each definition requires a `name`, a `value_type` and a `unit`. The ordering of these is important. As value type any of the defined constants in the `ValueType` enum could be used.

Listing 1. sensorlist-example

```
{
  "sensors": [ ①
    { ②
      "name":  "Sensor 1",
      "value_type": "FLOAT",
      "unit": "°C"
    },
    {
      "name":  "Sensor 2",
      "value_type": "FLOAT",
      "unit": "°C"
    }
  ]
}
```

① Start of the sensor list

② Start of a sensor definition

ℹ Line breaks and spaces are reduntant. All attributes of a sensor could also be in one line. But for clearnesses it is recommended to use the same formating.

Build the documentation

Use: `asciidoctor-pdf -r asciidoctor-diagram documentation.adoc`

Install rouge

```
gem install rouge
```