Arduino Humidity Sensor Library

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Check the output for invalid data: over or under 100 (how to report?)

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2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

HIH4030Humidity

3 Class Documentation

3.1 HIH4030Humidity Class Reference

Arduino library for retrieving data from Honeywell's HIH4030 Humidity sensor.

```
#include <HIH4030Humidity.h>
```

Public Member Functions

- HIH4030Humidity ()

    Default constructor.
- void begin ()

    Begin using default values: humidityPin = A0.
- void begin (int humidityPin)

    Begin with user selected analog inputpin.
- int getHumidityRaw ()

    Returns the humidity as a raw value: ADC output: 0 -> 1023.
- float getHumidityPercentage ()

    Returns the relative humidity percentage. Should be between 0% and 100%.
- void setTemperature (int temperature)

    setTemperature: set the room temperature (used in humidity calculation)(default value: 20 ° Celsius).

3.1.1 Member Function Documentation

3.1.1.1 float HIH4030Humidity::getHumidityPercentage ( )

Todo Check the output for invalid data: over or under 100 (how to report?)