Arduino Humidity Sensor Library

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Generated by Doxygen 1.7.6.1 on Sun Jul 15 2012.

Contents

1 Todo List

Member HumidityHIH4030::getHumidityPercentage ()

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

2 Class Index

2.1 Class List

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

3 Class Documentation

3.1 HumidityHIH4030 Class Reference

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

`#include <HumidityHIH4030.h>`

Public Member Functions

- HumidityHIH4030 ()
  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 void HumidityHIH4030::begin (int *humidityPin*)

default Temperature: 20° Celcius

3.1.1.2 float HumidityHIH4030::getHumidityPercentage ( )

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