DHT

An Arduino library for reading the DHT family of temperature and humidity sensors.

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Features

- Support for DHT11 and DHT22, AM2302, RHT03
- Auto detect sensor model
- Low memory footprint
- Very small code

Usage

include "DHT.h"

```
DHT dht;

void setup()
{
  Serial.begin(9600);

  dht.setup(2); // data pin 2
}

void loop()
{
  delay(dht.getMinimumSamplingPeriod());

  Serial.print(dht.getHumidity());
  Serial.print("\t");
  Serial.print(dht.getTemperature());
}
```

Also check out the example how to read out your sensor. For all the options, see dht.h.

Installation

Place the DHT library folder in your `<arduinosketchfolder>/libraries/` folder. You may need to create the `libraries` subfolder if its your first library. Restart the Arduino IDE.