

esp32-dht22.ino diagram.json libraries.txt Library Manager

Simulation

```
1 #include <Wire.h>
2 #include <WiFi.h>
3 #include <PubSubClient.h>
4
5 #define ORG "wt19pn"
6 #define DEVICE_TYPE "nodemcu"
7 #define DEVICE_ID "12345"
8 #define TOKEN "12345678"
9
10 char server[] = ORG ".messaging.internetofthings.ibmcloud.com";
11 char publishTopic[] = "iot-2/evt/datastart/json";
12 char authMethod[] = "use-token-auth";
13 char token[] = TOKEN;
14 char clientId[] = "d-" ORG "/" DEVICE_TYPE "/" DEVICE_ID;
15
16 WiFiClient wificlient;
17 PubSubClient client(server, 1883, wificlient);
18
19 float temperature = 0;
20 int gas = 0;
21 int flame = 0;
22
23 String flame_status = "";
24 String gas_status = "";
25 String exhaust_fan_status = "";
26 String sprinkler_status = "";
27
28
29 void setup() {
```



Connecting to Wifi.Wifi connected, IP address: 10.10.0.2  
Reconnecting MQTT client to  
wt19pn.messaging.internetofthings.ibmcloud.com

Publish OK  
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