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wokwi.com/projects/347562244003856978

WOKWI SAVE SHARE sketch.ino Docs

sketch.ino • diagram.json libraries.txt Library Manager

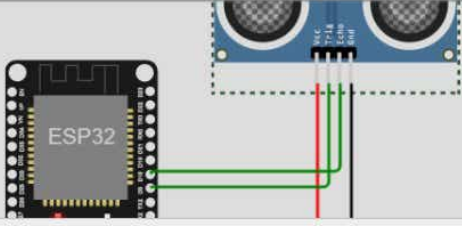
```
19 PubSubClient client(server, 1883, WiFiClient);
20 void publishData();
21
22 const int trigpin=5;
23 const int echopin=18;
24 String command;
25 String data="";
26
27 long duration;
28 int dist;
29
30 void setup()
31 {
32   Serial.begin(115200);
33   pinMode(trigpin, OUTPUT);
34   pinMode(echopin, INPUT);
35   wifiConnect();
36   mqttConnect();
37 }
38
39 void loop() {
40   publishData();
41   delay(500);
42
43   if (!client.loop()) {
44     mqttConnect();
45   }
46 }
```

Simulation

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Editing Ultrasonic Distance Sensor

Distance: 104cm



Publish OK

Sending payload: {"Distance":0}

Publish OK

Sending payload: {"Distance":0}

Publish OK

Show all

Project report.pdf

Failed - System busy

Type here to search

ENG 03:53 PM 19-11-2022

3:54

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IBM Watson IoT Platform



yuva732002@gmail.com

ID: b5mqro



Browse

Action

Device Types

Interfaces

Add Device +

Distance	{"Distance":42}	json	a few seconds ago
Distance	{"Distance":74}	json	a few seconds ago
Distance	{"Distance":74}	json	a few seconds ago
Distance	{"Distance":73}	json	a few seconds ago
Distance	{"Distance":0}	json	a few seconds ago