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 Wings-Fantasy Upload arduino source code

427bd89 on 9 Jan 2019

1 contributor

RawBlameHistory

53 lines (50 sloc)1.6 KB

```
1  #include <SoftwareSerial.h>
2
3  SoftwareSerial wifiSerial(11, 12); //RX, TX
4
5  void setup() {
6      pinMode(LED_BUILTIN, OUTPUT);
7      digitalWrite(LED_BUILTIN, LOW);
8      pinMode(2, OUTPUT);
9      pinMode(3, OUTPUT);
10     pinMode(4, OUTPUT);
11     wifiSerial.begin(9600);
12     delay(2000);
13     wifiSerial.println("AT+CIPSTART=\\"TCP\\",\\"192.168.50.100\\",23598");
14     delay(2000);
15     wifiSerial.println("AT+CIPSEND=37");
16     delay(500);
17     wifiSerial.println("{\"msg\":\"CLIENT_ONLINE\\",\"name\":\"home\"}");
18     delay(1000);
19 }
20
21 void loop() {
22     String msg = "";
23     if (wifiSerial.available()) {
24         while (wifiSerial.available() > 0) {
25             msg += char(wifiSerial.read());
26             delay(2);
27         }
28         if (!msg.compareTo("\r\n+IPD,14:{\"msg\":\"Doki\"}")) {
29             wifiSerial.println("AT+CIPSEND=14");
30             delay(500);
31             wifiSerial.println("{\"msg\":\"Doki\"}");
32             delay(500);
33         } else if (!msg.compareTo("\r\n+IPD,28:{\"aims\":\"L1\\",\"status\":\"off\"}")) {
34             digitalWrite(2, LOW);
35             delay(500);
36         } else if (!msg.compareTo("\r\n+IPD,27:{\"aims\":\"L1\\",\"status\":\"on\"}")) {
37             digitalWrite(2, HIGH);
38             delay(500);
39         } else if (!msg.compareTo("\r\n+IPD,28:{\"aims\":\"L2\\",\"status\":\"off\"}")) {
40             digitalWrite(3, LOW);
41             delay(500);
42         } else if (!msg.compareTo("\r\n+IPD,27:{\"aims\":\"L2\\",\"status\":\"on\"}")) {
43             digitalWrite(3, HIGH);
44             delay(500);
45         } else if (!msg.compareTo("\r\n+IPD,28:{\"aims\":\"L3\\",\"status\":\"off\"}")) {
46             digitalWrite(4, LOW);
47             delay(500);
48         } else if (!msg.compareTo("\r\n+IPD,27:{\"aims\":\"L3\\",\"status\":\"on\"}")) {
```

```
49     digitalWrite(4, HIGH);  
50     delay(500);  
51 }  
52 }  
53 }
```