

Broadcast data with HTTP



```
ESPRUINO WEB IDE

6 // 10.0;
7   let pm10 = (buffer.charCodeAt(4) | (buffer.charCodeAt(5) << 8))
8 // 10.0;
9
10   return {
11     pm2_5: pm2_5,
12     pm10: pm10
13   };
14 }
15
16 var pm2_5 = 0, pm10 = 0;
17 var http = require("http");
18 http.createServer(function (request, response) {
19   response.end(`{ pm25: ${pm2_5}, pm10: ${pm10}}`);
20 }).listen(8080);
21
22 Serial2.setup(9600, { tx:D17, rx:D16 });
23
24 Serial2.on('data', function (buffer) {
25   const data = parseSDS(buffer);
26   pm2_5 = data.pm2_5;
27   pm10 = data.pm10;
28 });
29
```

DISCONNECTED

Broadcast data with HTTP



```
ESPRUINO WEB IDE

7
8   return {
9     pm2_5: pm2_5,
10    pm10: pm10
11  };
12
13
14  var wifi = require("Wifi");
15  wifi.connect("WLAN1-AF969L", { password: "167YaYtm22BB8DQ6" },
16    function(err) {
17      if (err) {
18        console.log(err);
19        return;
20      }
21      console.log(`Connected! I'm here with IP ${wifi.getIP().ip}`);
22    });
23
24  var pm2_5 = 0, pm10 = 0;
25  var http = require("http");
26  http.createServer(function (request, response) {
27    response.end(`{ pm25: ${pm2_5}, pm10: ${pm10}}`);
28  }).listen(8080);
29
30  Serial2.setup(9600, { tx:D17, rx:D16 });
31  Serial2.on('data', function (buffer) {
```

CONNECTED TO PORT /DEV/CU.SLAB_USBTUART

CU.SLAB_USBTUART