

DEVELOP A WEB APPLICATION USING NODE-RED SERVICE

Team id:	PNT2022TMID52180
Project name:	IoT based smart crop protection system for agriculture

Node-RED on IBM Cloud

Node-RED

Flow-based programming for the Internet of Things

Node-RED is a programming tool for wiring together hardware devices, APIs and online services in new and interesting ways.

This instance is running as an IBM Cloud application, giving it access to the wide range of services available on the platform.

More information about Node-RED, including documentation, can be found at nodered.org.

Go to your Node-RED flow editor

[Learn how to customise Node-RED](#)

Service Details | IBM Watson IoT | Node-RED: 169... | IBM | IBM-48117-166... | Online Word Pro... | New Tab

Not secure | 169.51.206.42:32711/red/#flow/b695ce9348a0811f

Node-RED

filter nodes

Flow 1

debug

```

11/16/2022, 2:07:01 AM node: 2f5d770d7c5b5f0a
iot-2/type/raspberry/id/123/evt/IoTSensor/rmt/json :
msg.payload : number
107

11/16/2022, 2:07:01 AM node: 2f5d770d7c5b5f0a
iot-2/type/raspberry/id/123/evt/IoTSensor/rmt/json :
msg.payload : number
61

11/16/2022, 2:07:11 AM node: 2f5d770d7c5b5f0a
iot-2/type/raspberry/id/123/evt/IoTSensor/rmt/json :
msg.payload : Object
* { temp: 109, HumId: 72 }

11/16/2022, 2:07:11 AM node: 2f5d770d7c5b5f0a
iot-2/type/raspberry/id/123/evt/IoTSensor/rmt/json :
msg.payload : number
109

11/16/2022, 2:07:12 AM node: 2f5d770d7c5b5f0a
iot-2/type/raspberry/id/123/evt/IoTSensor/rmt/json :
msg.payload : number
72

```

169.51.206.42:32711/red/#

Type here to search

30°C Cloudy 02:07 16-11-2022

Service Details | IBM Watson IoT | Node-RED: 169... | Node-RED D... | IBM | IBM-48117-1... | Online Word Pro... | New Tab

Not secure | 169.51.206.42:32711/ui/#/i/0?socketid=KNYUxeS_99_WSK-AAAB

smart crop protection

crop protection

Humidity

99 units

MOTOR ON

MOTOR OFF

sensor data

110

105

Type here to search

30°C Cloudy 02:08 16-11-2022

