

USE DASHBOARD NODE FOR CREATING UI(WEB APP)

DEVELOP THE WEB APPLICATION USING NODE-RED SERVICE

Date	14 November 2022
Team ID	PNT2022TMID48307
Project Name	Industry-specific intelligent fire management system
Maximum Marks	8 Marks

node-red-ibm-v-2021-11-13.au-syd.mybluemix.net/flow/3e5b7d2a5cf2e53b

Node-RED

Flow 1

common

- inject
- debug
- complete
- catch
- status
- link in
- link call
- link out
- comment

function

- function
- switch
- change
- range
- template
- delay
- trigger
- timer
- convertbyk

Temperature

Humidity

Webpage

FAN ON

FAN OFF

ibmiot

msg.payload

Temperature

Humidity

http

ibmiot

msg.payload

http

ibmiot in node

Delete

Copy

Properties

- Authentication: API Key
- API Key: api
- Input Type: Device Event
- Device Type: All or +
- Device Id: All or device id e.g. api10c0231
- Event: All or +
- Format: All or json
- QoS: 0
- Name: IBM IoT
- Service: registered

Use the Input Type property to configure this node to receive data from IoT Devices. Commands sent to IoT Devices, Status Messages referring to IoT Devices, or Status Messages referring to Applications. Check the info tab, to get more information about each node.

laudeen is presenting

meet.google.com is sharing your screen. Stop sharing Hide

20°C Cloudy

Search

Task View

File Explorer

Microsoft Edge

Google Chrome

WhatsApp

Zoom

Calendar

Photos

Music

Settings

Power

node-red-lluv-2022-11-13.au-syd.mybluemix.net/red/#flow/3e5b7d2a5cf2e52b

Node-RED

Flow 1

inject
debug
complete
catch
status
link in
link call
link out
comment

function
function
switch
change
range
template
delay
trigger
filter

Temperature
Humidity
msg.payload
Temperature
Humidity
[get] /data
Webpage
http
FAN ON
FAN OFF
[get] /command
http
IBM IoT
msg.payload

debug

11/16/2022, 8:12:31 PM node: 6b7afb0d0d48e2763
iot-2/type/NodeId/1234/ev/status/fmt/json :
msg.payload : number
71

11/16/2022, 8:12:50 PM node: 6b7afb0d0d48e2763
iot-2/type/NodeId/1234/ev/status/fmt/json :
msg.payload : number
4

11/16/2022, 8:12:51 PM node: 6b7afb0d0d48e2763
iot-2/type/NodeId/1234/ev/status/fmt/json :
msg.payload : number
32

11/16/2022, 8:13:10 PM node: 6b7afb0d0d48e2763
iot-2/type/NodeId/1234/ev/status/fmt/json :
msg.payload : number
25

11/16/2022, 8:13:11 PM node: 6b7afb0d0d48e2763
iot-2/type/NodeId/1234/ev/status/fmt/json :
msg.payload : number
82

11/16/2022, 8:13:31 PM node: 6b7afb0d0d48e2763
iot-2/type/NodeId/1234/ev/status/fmt/json :
msg.payload : number
62

11/16/2022, 8:13:31 PM node: 6b7afb0d0d48e2763
iot-2/type/NodeId/1234/ev/status/fmt/json :
msg.payload : number
43

11/16/2022, 8:13:50 PM node: 6b7afb0d0d48e2763
iot-2/type/NodeId/1234/ev/status/fmt/json :
msg.payload : number
98

11/16/2022, 8:13:51 PM node: 6b7afb0d0d48e2763

SENSORapp.apk

30°C Cloudy

Search

20:27 16-11-2022

SENSOR

Hydrus374Shell

```
Published data Successfully: {'temperature': 32, 'humidity': 50}
Published data Successfully: {'temperature': 60, 'humidity': 60}
Published data Successfully: {'temperature': -10, 'humidity': 20}
Published data Successfully: {'temperature': 50, 'humidity': 0}
Published data Successfully: {'temperature': -12, 'humidity': 77}
Published data Successfully: {'temperature': 13, 'humidity': 55}
Published data Successfully: {'temperature': 16, 'humidity': 20}
Published data Successfully: {'temperature': 50, 'humidity': 50}
Published data Successfully: {'temperature': -15, 'humidity': 87}
Published data Successfully: {'temperature': 101, 'humidity': 10}
Published data Successfully: {'temperature': 120, 'humidity': 50}
Published data Successfully: {'temperature': 12, 'humidity': 70}
Published data Successfully: {'temperature': -6, 'humidity': 71}
Published data Successfully: {'temperature': 71, 'humidity': 77}
Command received: sensor
den is on
Published data Successfully: {'temperature': 101, 'humidity': 50}
Command received: sensoroff
-8/13/2024
Published data Successfully: {'temperature': 0, 'humidity': 60}
Published data Successfully: {'temperature': 117, 'humidity': 11}
Published data Successfully: {'temperature': 0, 'humidity': 0}
Published data Successfully: {'temperature': 51, 'humidity': 73}
Published data Successfully: {'temperature': 10, 'humidity': 30}
Published data Successfully: {'temperature': 121, 'humidity': 73}
Published data Successfully: {'temperature': 51, 'humidity': 60}
Published data Successfully: {'temperature': 102, 'humidity': 121}
Published data Successfully: {'temperature': 102, 'humidity': 57}
Published data Successfully: {'temperature': 69, 'humidity': 71}
Published data Successfully: {'temperature': 71, 'humidity': 29}
Published data Successfully: {'temperature': 53, 'humidity': 19}
Published data Successfully: {'temperature': 77, 'humidity': 11}
Published data Successfully: {'temperature': 73, 'humidity': 60}
Published data Successfully: {'temperature': 69, 'humidity': 62}
Published data Successfully: {'temperature': 61, 'humidity': 16}
Published data Successfully: {'temperature': 60, 'humidity': 35}
Published data Successfully: {'temperature': 112, 'humidity': 21}
Command received: sensor
den is on
```

Temperature

112

Humidity

24

FAN ON

FAN OFF

view page | ctrl + q | ctrl + w | Stop | 1/36

