

DEVELOP A WEB APPLICATION USING NODE-RED SERVICE

DEVELOP THE WEB APPLICATION USING NODE-RED SERVICE

Date	13 November 2022
Team ID	PNT2022TMID26511
Project Name	Industry-specific intelligent fire management system
Maximum Marks	8 Marks

IBM

IoT-B1-1M3E (Eve

Your Platform tempor

Application Details -

Node-RED : node-red

IBM Watson IoT Platf

JioNet

node-red-uwrpn-2022-11-12.eu-gb.mybluemix.net/red/#flow/caec8888b429a5cb

Brown Purple Beige... Node-RED : node-r... IBM Watson IoT Pla... IBM App Developm... IBM Cloud Account

Node-RED

Deploy

filter nodes

Flow 1

common

inject

debug

complete

catch

status

link in

link call

link out

comment

function

network

input

ibmiot in

IBM IoT

connected

msg.payload

debug

all nodes

all

11/12/2022, 11:13:08 PM node: aa0ccf3bbeaf648e
iot-
2/type/sona22devicetype/id/sona22/evt/event_1/fmt/json
: msg.payload : Object
{ Temperature: 87, Humdity: 33 }

11/12/2022, 11:13:11 PM node: aa0ccf3bbeaf648e
iot-
2/type/sona22devicetype/id/sona22/evt/event_1/fmt/json
: msg.payload : Object
{ Temperature: 31, Humdity: 65 }

11/12/2022, 11:13:14 PM node: aa0ccf3bbeaf648e
iot-
2/type/sona22devicetype/id/sona22/evt/event_1/fmt/json
: msg.payload : Object
{ Temperature: 74, Humdity: 48 }

11/12/2022, 11:13:17 PM node: aa0ccf3bbeaf648e
iot-
2/type/sona22devicetype/id/sona22/evt/event_1/fmt/json
: msg.payload : Object
{ Temperature: 16, Humdity: 44 }

11/12/2022, 11:13:20 PM node: aa0ccf3bbeaf648e
iot-
2/type/sona22devicetype/id/sona22/evt/event_1/fmt/json
: msg.payload : Object
{ Temperature: 47, Humdity: 8 }

11/12/2022, 11:13:22 PM node: aa0ccf3bbeaf648e

Type here to search

27°C Cloudy

23:13
12-11-2022

IBMNode-RED : nodeIBM Watson IoTJioNetNode-RED Dashb

node-red-uwrpn-2022-11-12.eu-gb.mybluemix.net/red/#flow/caec8888b429a5cb

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Node-RED

Deploy

filter nodes

catchstatuslink inlink calllink outcomment

function

functionswitchchangeirangerangetemplatedelaytriggerfilter

Flow 1

```
graph LR; IoT[IBM IoT] --> Payload[msg.payload]; IoT --> TempNode[Temperature node]; TempNode --> HumidityNode[Humidity]; HumidityNode --> HumidityOutput[Humidity]; HumidityNode --> TempOutput[Temperature];
```

debug

all nodesall

11/12/2022, 11:36:46 PM node: aa0ccf3bbeaf648e iot- 2/type/sona22devicetype/id/sona22/evt/event_1/fmt/json : msg.payload : Object { Temperature: 82, Humidity: 96 }

11/12/2022, 11:36:49 PM node: aa0ccf3bbeaf648e iot- 2/type/sona22devicetype/id/sona22/evt/event_1/fmt/json : msg.payload : Object { Temperature: 84, Humidity: 96 }

11/12/2022, 11:36:52 PM node: aa0ccf3bbeaf648e iot- 2/type/sona22devicetype/id/sona22/evt/event_1/fmt/json : msg.payload : Object { Temperature: 95, Humidity: 22 }

11/12/2022, 11:36:55 PM node: aa0ccf3bbeaf648e iot- 2/type/sona22devicetype/id/sona22/evt/event_1/fmt/json : msg.payload : Object { Temperature: 59, Humidity: 28 }

11/12/2022, 11:36:58 PM node: aa0ccf3bbeaf648e iot- 2/type/sona22devicetype/id/sona22/evt/event_1/fmt/json : msg.payload : Object { Temperature: 80, Humidity: 55 }

11/12/2022, 11:37:01 PM node: aa0ccf3bbeaf648e

Type here to search

22°C Cloudy 23:44 12-11-2022