

Development of Web Application Using Node-Red

PROJECT NAME	GAS LEAKAGE MONITORING & ALERTING SYSTEM FOR INDUSTRIES
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node-red-imqzc-2022-11-14.eu-gb.mybluemix.net/red/#flow/6a26464b868795a5

Node-RED

Flow 1

debug

common

debug

msg.payload

temperature

humidity

hazardousgas

Temperature gauge

humidity gauge

hazardousgas gauge

light on

light off

function

IBM IoT

[get] /sensordata

http

debug

iot-2/type/Testdevicetype/id/12345/evt/status/fmt/json :
msg.payload : number
76
11/15/2022, 6:43:01 PM node: e87eb12d1c4446e5
iot-2/type/Testdevicetype/id/12345/evt/status/fmt/json :
msg.payload : Object
{ temperature: 1, humidity: 23,
hazardousgas: 100 }
11/15/2022, 6:43:01 PM node: e87eb12d1c4446e5
iot-2/type/Testdevicetype/id/12345/evt/status/fmt/json :
msg.payload : number
1
11/15/2022, 6:43:01 PM node: e87eb12d1c4446e5
iot-2/type/Testdevicetype/id/12345/evt/status/fmt/json :
msg.payload : number
23
11/15/2022, 6:43:01 PM node: e87eb12d1c4446e5
iot-2/type/Testdevicetype/id/12345/evt/status/fmt/json :
msg.payload : number
100

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Node-RED

Flow 1

debug

common

debug

light on

light off

[get] /sensordata

[get] /control

switch

http request

msg.payload

humidity gauge

hazardousgas gauge

function

IBM IoT

http

msg.payload

debug

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msg.payload : number
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iot-2/type/Testdevicetype/id/12345/evt/status/fmt/json :
msg.payload : number
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11/15/2022, 6:43:01 PM node: e87eb12d1c4446e5
iot-2/type/Testdevicetype/id/12345/evt/status/fmt/json :
msg.payload : number
100