

Develop The Web Application Using Node-RED

Date	4 November 2022
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Project	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

The screenshot displays the Node-RED web interface in a browser window. The main workspace shows a flow named 'Flow 2' with the following components and connections:

- Start Node:** A 'Hello Node-RED!' node.
- Input Nodes:** Two 'light on' buttons and one 'light off' button.
- Processing Nodes:** Two function nodes labeled 'temp' and 'humty' (likely for temperature and humidity calculations). A 'function' node is connected to the 'light off' button.
- Output Nodes:** A 'msg.payload' node, a 'temperature' gauge, a 'humidity' gauge, and a 'chart' node.
- External Services:** Two 'IBM IoT' nodes are present, one connected to the 'temp' and 'humty' nodes, and another connected to the 'function' node.

The right-hand sidebar shows the 'debug' console with the following log entries:

```
11/15/2022, 10:43:32 PM node: IBM IoT
msg: string[75]
>Error: getaddrinfo ENOTFOUND
wlp5bv.messaging.internetofthing
s.ibmcloud.com"

11/15/2022, 10:43:33 PM node: IBM IoT
msg: string[75]
>Error: getaddrinfo ENOTFOUND
wlp5bv.messaging.internetofthing
s.ibmcloud.com"

11/15/2022, 10:45:23 PM node: msg payload
iot-2/type/nathi/ldnathi_2/levt/event_1/fmt/json :
msg.payload: Object
{ gas: 62, temp: 26, hum: 15 }

11/15/2022, 10:45:23 PM node: msg payload
iot-2/type/nathi/ldnathi_2/levt/event_1/fmt/json :
msg.payload: Object
{ gas: 62, temp: 26, hum: 15 }

11/15/2022, 10:45:23 PM node: debug 1
iot-2/type/nathi/ldnathi_2/levt/event_1/fmt/json :
msg.payload: Object
{ gas: 62, temp: 26, hum: 15 }
```