

Develop The Web Application Using Node-RED

Use Dashboard Nodes For Creating UI(Web App)

UI Nodes Installation

Team ID	PNT2022TMID24443
Project Name	GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

IBM Watson IoT Platform113319106025@smartinternz.comID: uyw6glAdd Device +

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The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
event_1	{"randomNumber":86}	json	a few seconds ago
event_1	{"randomNumber":67}	json	a few seconds ago
event_1	{"randomNumber":48}	json	a minute ago
event_1	{"randomNumber":37}	json	a minute ago
event_1	{"randomNumber":86}	json	a minute ago

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Node-RED interface showing a flow named "Flow 1" with two nodes: "IBM IoT" and "debug 1". The "IBM IoT" node is connected to the "debug 1" node. The "debug 1" node is highlighted with a dashed orange border.

The left sidebar shows the "common" and "function" node categories. The "common" category includes nodes like inject, debug, complete, catch, status, link in, link call, link out, and comment. The "function" category includes nodes like function, switch, and change.

The right sidebar shows the "debug" console with a list of messages. The messages are JSON objects containing a "randomNumber" property. The messages are:

- 11/9/2022, 1:53:43 PM node: debug 1
iot-2/type/NodeMCUID/1523/evt/event_1/fmt/json :
msg.payload : Object
▶ { randomNumber: 86 }
- 11/9/2022, 1:53:44 PM node: debug 1
iot-2/type/NodeMCUID/1523/evt/event_1/fmt/json :
msg.payload : Object
▶ { randomNumber: 37 }
- 11/9/2022, 1:53:45 PM node: debug 1
iot-2/type/NodeMCUID/1523/evt/event_1/fmt/json :
msg.payload : Object
▶ { randomNumber: 48 }
- 11/9/2022, 1:53:46 PM node: debug 1
iot-2/type/NodeMCUID/1523/evt/event_1/fmt/json :
msg.payload : Object
▶ { randomNumber: 67 }

The bottom status bar shows the system clock (13:53, 09-11-2022) and the language (ENG US).

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event_1	{"randomNumber":37}	json	a minute ago
event_1	{"randomNumber":86}	json	a minute ago

① What functions can I apply?

