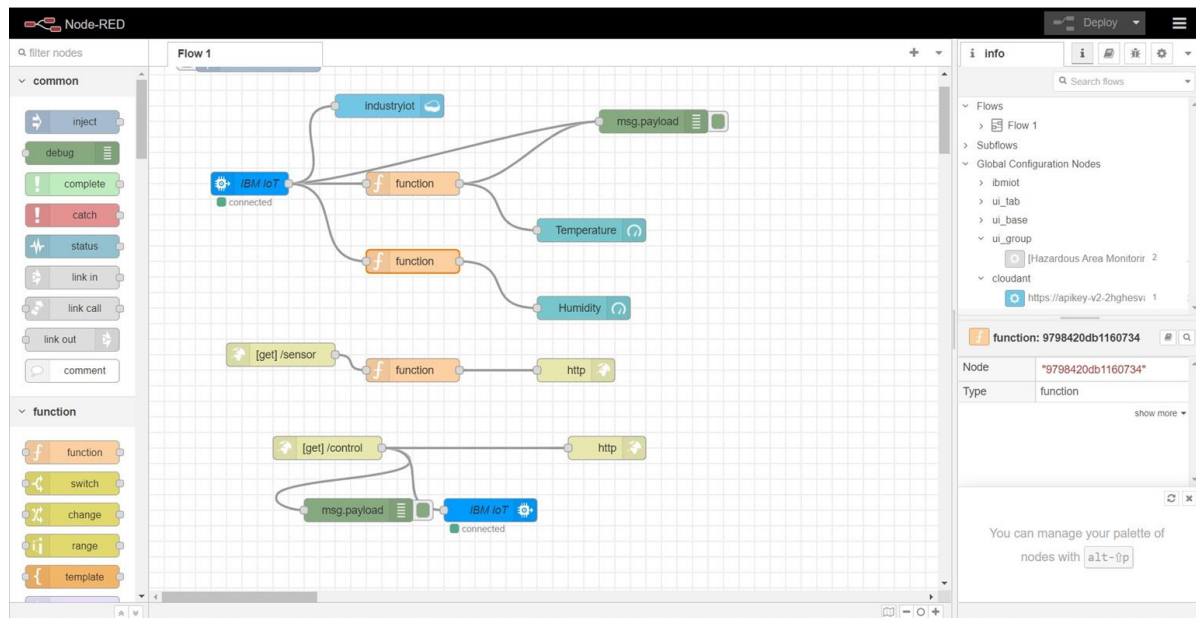


Use Dashboard Nodes For Creating UI(Web App)

Date	10 November 2022
Team Id	PNT2022TMID10955
Title	Hazardous Area Monitoring for Industrial Plant using IoT

Node red flow



Dashboard configuration

The screenshot shows the Node-RED web interface. On the left, the 'filter nodes' sidebar is open, showing 'common' and 'function' node categories. The main workspace displays 'Flow 1' with a sequence of nodes: an IBM IoT Gateway, an 'industryiot' node, two 'function' nodes, a '[get]/sensor' node, another 'function' node, a '[get]/control' node, a 'msg.payload' node, and another IBM IoT Gateway. The right sidebar is open to the 'Edit gauge node' configuration for a 'Temperature' gauge. The configuration includes a group name, size, type (Gauge), label, value format, units (c), range (0 to 100), and a color gradient. The 'Info' panel on the far right shows the node's details, including its ID and type.

Edit gauge node

Properties

- Group: [Hazardous Area Monitoring for Industri]
- Size: auto
- Type: Gauge
- Label: Temperature
- Value format: {{value}}
- Units: c
- Range: min 0 max 100
- Colour gradient: [Green, Yellow, Red]
- Sectors: 0 ... optional ... optional ... 100
- Class: Optional CSS class name(s) for widget
- Name:

Info

Flows

- Flow 1

Subflows

- Global Configuration Nodes
- ibmiot
- ui_tab
- ui_base
- ui_group
- [Hazardous Area Monitorir 2]
- cloudant
- https://apikey-v2-2hghevi 1

Temperature

Node: "50e22bf31d3e6148"

Type: ui_gauge

This screenshot is similar to the one above, but the 'Edit gauge node' configuration is for a 'Humidity' gauge. The flow in the main workspace is identical. The configuration panel shows the label as 'Humidity' and the units as '%'. The 'Info' panel on the right shows the node's ID and type.

Edit gauge node

Properties

- Group: [Hazardous Area Monitoring for Industri]
- Size: auto
- Type: Gauge
- Label: Humidity
- Value format: {{value}}
- Units: %
- Range: min 0 max 100
- Colour gradient: [Green, Yellow, Red]
- Sectors: 0 ... optional ... optional ... 100
- Class: Optional CSS class name(s) for widget
- Name:

Info

Flows

- Flow 1

Subflows

- Global Configuration Nodes
- ibmiot
- ui_tab
- ui_base
- ui_group
- [Hazardous Area Monitorir 2]
- cloudant
- https://apikey-v2-2hghevi 1

Humidity

Node: "a214ca604eabe"

Type: ui_gauge

Export the selected node current tab with ctr:

Final Output - Dashboard

