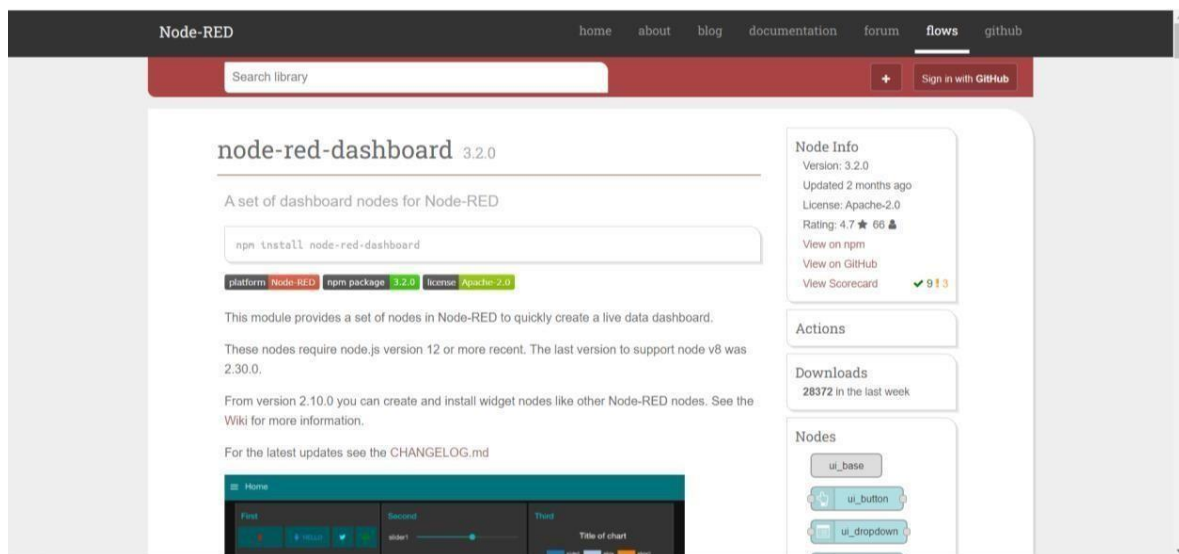


# Use Dashboard Nodes For Creating UI

Team ID	PNT2022TMID24186
Project Name	Hazardous Area Monitoring for Industrial Plant powered by IoT

## Creating custom dashboards in the Web UI

- To create a dashboard using a template: Select a template from the DASHBOARD TEMPLATES list. Click Create Custom Dashboard. Name your dashboard. Click Create and Open.
- To create a dashboard without a template: Click Add Dashboard. . The New Dashboard page opens.
- IBM **Cognos Analytics** can help you create visualizations and dashboards without needing a data science background.



Pre-requisites

The Node-RED-Dashboard requires Node-RED to be installed.

Install

To install the stable version use the **Menu** - **Manage palette** option and search for **node-red-dashboard**, or run the following command in your Node-RED user directory - typically `~/node-red`:

```
npm i node-red-dashboard
```

Restart your Node-RED instance and you should have UI nodes available in the palette and a new **dashboard** tab in the right side panel. The UI interface is available at `http://localhost:1880/ui` (if the default settings are used).

If you want to try the latest version from github, you can install it by

```
npm i node-red/node-red-dashboard
```

Settings

The default url for the dashboard is based off your existing Node-RED httpRoot path with `/ui` added. This can be changed in your Node-RED settings.js file.

node-red

ui\_dashboard

ui\_audio

ui\_toast

ui\_ui\_control

ui\_template

ui\_link

ui\_tab

ui\_group

ui\_spacer

Keywords

node-red

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Node-RED User Settings dialog box.

**View:** Nodes | **Install**

**Palette:** filter nodes

**Keyboard:**

- node-red 2.2.2 > 44 nodes **in use**
- node-red-contrib-ibm-db2 0.3.3 > 3 nodes **disable all**
- node-red-contrib-scx-ibmiotapp 0.0.49 > 3 nodes **in use**
- node-red-dashboard 3.2.0 > 21 nodes **in use**
- node-red-node-cf-cloudant 0.2.17 > 3 nodes **disable all**

**debug console:**

```
09/11/2022, 22:59:52 node: 96752e2dc5bb050  
iot-  
2/type/hazardous_monitoring/id/hazard_report/ev/IoTSens-  
:msg payload: Object  
> { temp: 27, humidity: 54, oxygen:  
100 }  
09/11/2022, 22:59:52 node: 96752e2dc5bb050  
iot-  
2/type/hazardous_monitoring/id/hazard_report/ev/IoTSens-  
:msg payload: Object  
> { temp: 81, humidity: 67, oxygen:  
84 }  
09/11/2022, 22:59:52 node: 96752e2dc5bb050  
iot-  
2/type/hazardous_monitoring/id/hazard_report/ev/IoTSens-  
:msg payload: Object  
> { temp: 92, humidity: 62, oxygen:  
47 }  
09/11/2022, 22:59:52 node: 96752e2dc5bb050  
iot-  
2/type/hazardous_monitoring/id/hazard_report/ev/IoTSens-  
:msg payload: Object  
> { temp: 61, humidity: 23, oxygen:
```

