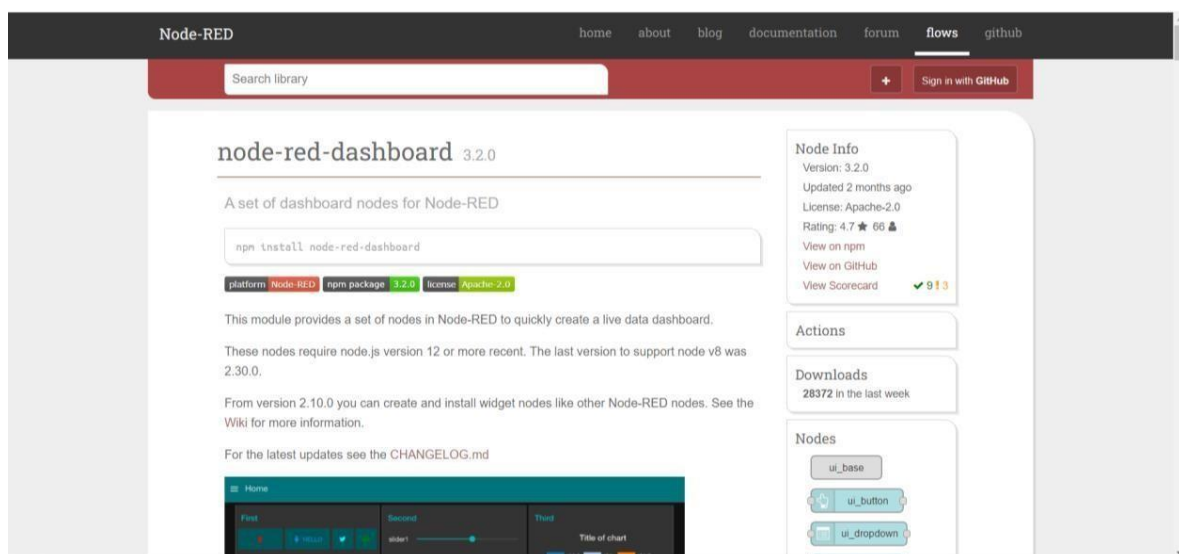


# Use Dashboard Nodes For Creating UI(Web App)

Team ID	PNT2022TMID52802
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.

ui\_template

ui\_audio

ui\_toast

ui\_ui\_control

</>

ui\_link

ui\_tab

ui\_group

ui\_spacer

Keywords

node-red

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Node-RED

Deploy

filter nodes

Flow 1

common

inject

debug

complete

catch

status

link in

link call

link out

comment

function

function

switch

User Settings

Close

View

Nodes

Install

filter nodes

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

all nodes

all

09/11/2022, 22:59:52 node: 9b752e2d5db05f0  
iot-  
2htypehazardous\_monitoring/ldhazard\_report/evtoTSens-  
msg.payload: Object  
{ temp: 27, humidity: 54, oxygen: 100 }  
09/11/2022, 22:59:52 node: 9b752e2d5db05f0  
iot-  
2htypehazardous\_monitoring/ldhazard\_report/evtoTSens-  
msg.payload: Object  
{ temp: 81, humidity: 67, oxygen: 84 }  
09/11/2022, 22:59:52 node: 9b752e2d5db05f0  
iot-  
2htypehazardous\_monitoring/ldhazard\_report/evtoTSens-  
msg.payload: Object  
{ temp: 92, humidity: 62, oxygen: 47 }  
09/11/2022, 22:59:52 node: 9b752e2d5db05f0  
iot-  
2htypehazardous\_monitoring/ldhazard\_report/evtoTSens-  
msg.payload: Object  
{ temp: 61, humidity: 23, oxygen: }

