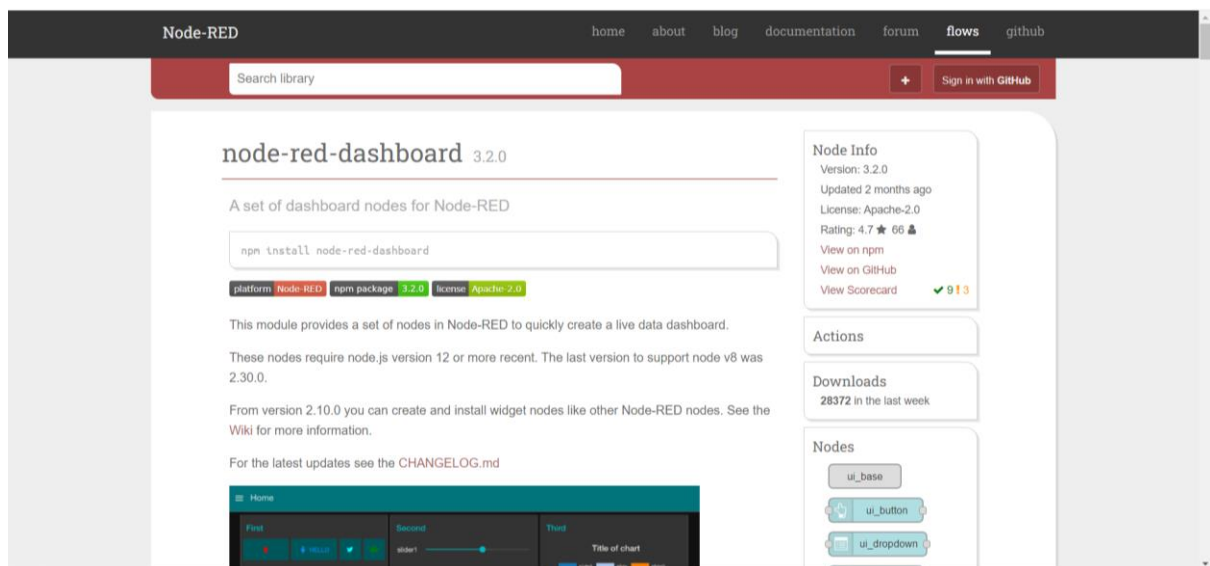


Use Dashboard Nodes For Creating UI(Web App)

Team ID	PNT2022TMID01194
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_control

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

Deploy

Flow 1

debug

common

function

User Settings

Close

Nodes

Install

filter nodes

node-red

node-red-contrib-ibm-db2

node-red-contrib-scx-ibmiotapp

node-red-dashboard

node-red-node-cf-cloudant

debug

09/11/2022, 22:59:52 node: 96752e2dc5bb0590

id:

2?type=hazardous_monitoring/id/hazard_report/vtloTSens

msg.payload: Object

{ temp: 27, humidity: 54, oxygen: 100 }

09/11/2022, 22:59:52 node: 96752e2dc5bb0590

id:

2?type=hazardous_monitoring/id/hazard_report/vtloTSens

msg.payload: Object

{ temp: 81, humidity: 67, oxygen: 84 }

09/11/2022, 22:59:52 node: 96752e2dc5bb0590

id:

2?type=hazardous_monitoring/id/hazard_report/vtloTSens

msg.payload: Object

{ temp: 92, humidity: 62, oxygen: 47 }

09/11/2022, 22:59:52 node: 96752e2dc5bb0590

id:

2?type=hazardous_monitoring/id/hazard_report/vtloTSens

msg.payload: Object

{ temp: 61, humidity: 23, oxygen: }

