

USE DASHBOARD NODES FOR CREATING UI(WEB APP)

The image displays two screenshots of the Node-RED web interface, demonstrating its use for creating a UI (Web App) for IoT data.

Top Screenshot: Shows a flow named "Flow 1" with an "IBM IoT" node connected to a "msg.payload" node. The "debug" console on the right displays a series of JSON payloads received from the IoT node, showing temperature and humidity data. The payloads are:

- `{ temperature: 37, Humidity: 3 }`
- `{ temperature: 38, Humidity: 19 }`
- `{ temperature: 29, Humidity: 98 }`
- `{ temperature: 84, Humidity: 14 }`

Bottom Screenshot: Shows the "User Settings" dialog box open, displaying a list of dashboard nodes available for installation. The "Nodes" tab is selected, and the "Install" button is visible. The list includes:

- dash**: A set of Node-RED FlexDash nodes to test FlexDash integration into Node-RED. (0.0.6, 8 months ago)
- @flexdash/node-red-flexdash**: Node-RED nodes for the FlexDash dashboard. (0.4.109, 1 week ago)
- feezal**: Web Components based Dashboard UI with WYSIWYG Editor. (0.8.1, 2 years ago)
- node-red-contrib-dashboard-average-bars**: Calculate and display the average values of msg.payload in a bar chart. (0.0.6, 4 years, 5 months ago)

IBM x IoT-B1-1M3E (Evening x Service Details - IBM x IBM Watson IoT Platf x IBM Watson IoT Platf x Node-RED : node-red x + -

node-red-jlwwn-2022-11-08.eu-gb.mybluemix.net/red/#flow/957f1fe2ede15efd

Node-RED

filter nodes

Flow 1

User Settings

View

Palette

Keyboard

Nodes added to palette:

- ui_base
- ui_button
- ui_dropdown
- ui_switch
- ui_slider
- ui_numeric
- ui_text_input
- ui_date_picker
- ui_colour_picker
- ui_form
- ui_text
- ui_gauge
- ui_chart
- ui_audio
- ui_toast
- ui_ui_control
- ui_template
- ui_link
- ui_tab
- ui_group
- ui_spacer

feezal Web Components based Dashboard UI with WYSIWYG Editor 0.8.1 2 years ago install

node-red-contrib-dashboard-average-bars Calculate and display the average values of msg.payload in a bar chart. 0.0.6 4 years, 5 months ago install

debug

current flow

msg.payload: Object

```
{ temperature: 36, Humidity: 3 }
```

11/18/2022, 11:33:40 AM node: f2f2649a-0d0d98
iot-2/type/random/id/mcu123/ev/1event_1/fmt/json :
msg.payload: Object

```
{ temperature: 76, Humidity: 18 }
```

11/18/2022, 11:33:45 AM node: f2f2649a-0d0d98
iot-2/type/random/id/mcu123/ev/1event_1/fmt/json :
msg.payload: Object

```
{ temperature: 97, Humidity: 60 }
```

11/18/2022, 11:33:45 AM node: f2f2649a-0d0d98
iot-2/type/random/id/mcu123/ev/1event_1/fmt/json :
msg.payload: Object

```
{ temperature: 67, Humidity: 29 }
```

11/18/2022, 11:33:50 AM node: f2f2649a-0d0d98
iot-2/type/random/id/mcu123/ev/1event_1/fmt/json :
msg.payload: Object

```
{ temperature: 68, Humidity: 81 }
```

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iot-2/type/random/id/mcu123/ev/1event_1/fmt/json :
msg.payload: Object

```
{ temperature: 45, Humidity: 4 }
```

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node-red-jlwwn-2022-11-08.eu-gb.mybluemix.net/red/#flow/957f1fe2ede15efd

Node-RED

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Flow 1

debug

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The screenshot shows a web browser window displaying a Node-RED dashboard. The browser's address bar shows the URL: `node-red-jlwn-2022-11-08.eu-gb.mybluemix.net/ui/#/I/O?socketid=Xsc56jY5iY32w2saAAAT`. The dashboard has a blue header with the word "Home". The main content area is titled "weather Monitoring" in blue text. It contains two circular gauges. The first gauge is labeled "Humidity" and has a scale from 0 to 100 with a green segment; the needle points to 18, with a "%" symbol below the number. The second gauge is labeled "Tempreture" (misspelled) and has a scale from 0 to 100 with a yellow segment; the needle points to 50, with a "c" symbol below the number. The Windows taskbar is visible at the bottom of the screen.