

Develop The Web Application Using Node-RED

Date	4 november 2022
Team ID	PNT2022TMID00922
Project Name	Signs with smart connectivity for better road safety

The screenshot displays the Node-RED web interface in a browser. The URL is <https://node-red.milku-2022-11-04.eu-gb.mybluemix.net/red/#flow/8c49b93d9a2db2a3>. The interface shows a flow named 'Flow 1' with the following components:

- IBM IoT Node:** A blue node labeled 'connected' that receives data from an external source.
- Function Nodes:** Two orange nodes labeled 'Humidity' and 'temperature' that process the incoming data.
- Output Nodes:** Four nodes connected to the function nodes: 'humidity' (teal), 'msg.payload' (green), and 'temperature' (teal).

The right sidebar shows a 'debug' console with a list of messages. The messages are JSON objects containing the following fields:

- `node`: 2/type/weather_device/id/weather_today/ev/evnt_1/fm/js
- `msg.payload`: number

The messages are timestamped and include a node ID (3fb1d3a16ac1b7df). The messages are as follows:

- 11/4/2022, 10:46:08 AM: node: 3fb1d3a16ac1b7df, msg.payload: 45
- 11/4/2022, 10:46:09 AM: node: 3fb1d3a16ac1b7df, msg.payload: 29
- 11/4/2022, 10:46:20 AM: node: 3fb1d3a16ac1b7df, msg.payload: 42
- 11/4/2022, 10:46:20 AM: node: 3fb1d3a16ac1b7df, msg.payload: 36
- 11/4/2022, 10:46:20 AM: node: 3fb1d3a16ac1b7df, msg.payload: 73

The bottom of the screen shows a Windows taskbar with various application icons and a system tray displaying the date and time (10:49, 04-11-2022).