

Web UI in Node-Red

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Project Name	Project - Real time River water quality monitoring and control system

Dashboard in Node-Red:

The screenshot displays the Node-RED web interface in a browser. The address bar shows the URL: `169.51.203.233:30428/red/#flow/5549a2e59aacb675`. The interface is divided into several sections:

- Left Panel (Nodes):** Contains a search bar and two categories of nodes: 'common' (inject, debug, complete, catch, status, link in, link out, link call, link out, comment) and 'function' (function, switch, change, range).
- Flow Canvas:** Shows a flow diagram for 'Flow 1'. It starts with an 'IBM IoT' node (connected) which branches into four function nodes: 'pH function', 'Turbid function', 'Temperature function', and 'msg.payload'. Below these, there is a '[get]/data' node connected to a 'value' node, which is then connected to a 'function' node.
- Right Panel (Edit function node):** Displays the configuration for a function node. It includes a 'Delete' button, 'Cancel', and 'Done' buttons. The 'Properties' section has a 'Name' field. The 'On Message' tab is selected, showing a JavaScript code editor with the following code:

```
1 var m={};
2 var g1=global.get("ph");
3 var g2=global.get("turbid");
4 var g3=global.get("temp");
5 var g4=global.get("info");
6
7 m.payload={"ph":g1,"tur":g2,"tem":g3,"info":g4};
8
9 global.set("final",m.payload);
10
11 return m;
```

Edit http in node

Delete

Cancel

Done

⚙ Properties

⚙

📄

🖨

📄 Method

GET

▼

🌐 URL

/data

🏷 Name

Name

