

## Creating Node-Red Service

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Project Name	Real-Time River Water Quality Monitoring and Control System

### Node-Red Service:

- To Create a web application, create a Node-Red Service.

The screenshot displays the Node-RED web interface. On the left, the 'common' and 'function' node palettes are visible. The main workspace shows a flow named 'Flow 1' with two nodes connected by a wire: a blue 'Hello Node-RED!' node and a green 'msg.payload' node. On the right, the 'debug' console shows four log entries, each with a timestamp, node ID, and the message 'Hello Node-RED!'.

```
graph LR; A[Hello Node-RED!] --> B[msg.payload]
```

debug console logs:

- 11/16/2022, 3:36:02 PM node: f2f2649a.0d0d98 msg.payload : string[15] "Hello Node-RED!"
- 11/16/2022, 3:37:02 PM node: f2f2649a.0d0d98 msg.payload : string[15] "Hello Node-RED!"
- 11/16/2022, 3:38:02 PM node: f2f2649a.0d0d98 msg.payload : string[15] "Hello Node-RED!"
- 11/16/2022, 3:39:02 PM node: f2f2649a.0d0d98 msg.payload : string[15] "Hello Node-RED!"