

HTTP Requests To Communicate With App

The screenshot displays the Node-RED web interface in a browser. The main workspace shows a flow named 'Flow 1' with several nodes: a 'button' node, a 'dropdown' node, a 'switch' node, a 'slider' node, a 'numeric' node, a 'text input' node, a 'data picker' node, a 'colour picker' node, a 'form' node, a 'text' node, a 'gauge' node, and a 'chart' node. The 'gauge' node is selected, and its configuration panel is open on the right. The configuration panel shows the following settings:

- Group: [control] humidity monitoring
- Size: auto
- Type: Gauge
- Label: Temperature
- Value format: {{value}}
- Units: C
- Range: min 0, max 100
- Colour gradient: A gradient bar with green, yellow, and red segments.
- Sectors: 0, optional, optional, 100
- Class: Optional CSS class name(s) for widget
- Enabled: ☒

The debug console on the right shows the following log entries:

```
msg.payload: Object
{ Temperature: 56, Humidity: 59, pH: 38 }
11/17/2022, 12:26:00 PM node: a634c162a085d874
iot-2?type=NodeMCU/id/0922/event_1/rmt/json:
msg.payload: Object
{ Temperature: 46, Humidity: 95, pH: 69 }
11/17/2022, 12:26:03 PM node: a634c162a085d874
iot-2?type=NodeMCU/id/0922/event_1/rmt/json:
msg.payload: Object
{ Temperature: 81, Humidity: 82, pH: 25 }
11/17/2022, 12:26:06 PM node: a634c162a085d874
iot-2?type=NodeMCU/id/0922/event_1/rmt/json:
msg.payload: Object
{ Temperature: 6, Humidity: 26, pH: 42 }
11/17/2022, 12:26:09 PM node: a634c162a085d874
iot-2?type=NodeMCU/id/0922/event_1/rmt/json:
msg.payload: Object
{ Temperature: 57, Humidity: 85, pH: 52 }
```

The bottom status bar shows the system clock as 12:41 on 17-11-2022, with a weather forecast of 30°C Mostly sunny.