

Develop a web application using NODE RED

TEAM ID	PNT2022TMID26632
PROJECT NAME	REAL TIME RIVER WATER QUALITY MONITORING AND CONTROL SYSTEM

The screenshot displays the IBM Watson IoT Platform interface. The top navigation bar includes tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains various icons for navigation. The main content area shows a table of devices with columns for 'Device ID', 'Status', 'Device Type', 'Class ID', and 'Date Added'. A single device is listed with ID '10', status 'Connected', and type 'devicetype1'. Below the table, a status bar indicates '1 Simulation running'. The bottom of the image shows a Windows taskbar with several open applications, including Python and Node-RED.

Device ID	Status	Device Type	Class ID	Date Added
10	Connected	devicetype1	Device	Nov 17, 2022 7:04 PM

IBM | Service Details - IBM Cloud | IBM Watson IoT Platform | Node-RED : node-red-wycg... | (1) WhatsApp

node-red-wycg-2022-11-17.eu-gb.mybluemix.net/red/#flow/237a3b15930cc0b4

Node-RED

Flow 1

debug

all nodes

all

common

- inject
- debug
- complete
- catch
- status
- link in
- link call
- link out
- comment

function

- function

python-3.9.6-amd64.exe | python-3.9.6-embe...zip

Type here to search

11:57 18-11-2022

IBM | IBM Cloud | IBM Watson IoT Platf... | Node-RED : node-red | WhatsApp | Node-RED Dashboard

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Node-RED

Flow 1

debug

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- inject
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- comment

function

- function
- switch

temperature

humidity

msg.payload

temperature

humidity

msg.payload : Object

```
{ temperature: 40, humidity: 75 }
```

11/18/2022, 3:06:08 PM node: 5bb248bbbe9dc6e4
iot-2/type/deviceType1/d/10/evt/event_1/fmt/json :
msg.payload : number
40

11/18/2022, 3:06:08 PM node: 5bb248bbbe9dc6e4
iot-2/type/deviceType1/d/10/evt/event_1/fmt/json :
msg.payload : number
75

11/18/2022, 3:06:11 PM node: 5bb248bbbe9dc6e4
iot-2/type/deviceType1/d/10/evt/event_1/fmt/json :
msg.payload : Object

```
{ temperature: 41, humidity: 26 }
```

11/18/2022, 3:06:11 PM node: 5bb248bbbe9dc6e4
iot-2/type/deviceType1/d/10/evt/event_1/fmt/json :
msg.payload : number
41

11/18/2022, 3:06:11 PM node: 5bb248bbbe9dc6e4
iot-2/type/deviceType1/d/10/evt/event_1/fmt/json :
msg.payload : number
26

Type here to search

15:18 18-11-2022



