

CONFIGURE THE APPLICATION TO RECEIVE THE DATA FROM CLOUD

Project Title: Real Time River water quality monitoring and Control system

Team ID: PNT2022TMID06145

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The screenshot displays the IBM Watson IoT Platform interface. The top navigation bar includes tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. The main content area shows details for a specific device (ID: 12345, Name: HSSPM, Status: Disconnected). The 'Recent Events' tab is selected, showing a table of live data events. The table has columns for 'Event', 'Value', 'Format', and 'Last Received'. Below the table, it indicates 'Items per page 50' and '1-1 of 1 item'. The bottom status bar shows '0 Simulations running'.

Event	Value	Format	Last Received
event	{"T":81,"pH":57,"conductivity":25,"oxygen":92,"t...	json	a few seconds ago
event	{"T":48,"pH":99,"conductivity":70,"oxygen":88,"t...	json	a few seconds ago
event	{"T":55,"pH":14,"conductivity":45,"oxygen":64,"t...	json	a few seconds ago
event	{"T":73,"pH":87,"conductivity":0,"oxygen":60,"tu...	json	a few seconds ago
event	{"T":1,"pH":2,"conductivity":94,"oxygen":93,"tur...	json	a few seconds ago

node-red-encqd-2022-11-18.eu-gb.mybluemix.net/red/#flow/1031e92373fc1bd4

Node-RED

Flow 1

common

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

function

- function
- switch
- change
- range

Light on

Light off

[get] /command

[get] /sensor

IBM IoT out

msg.payload

http

mit

debug

11/19/2022, 1:28:34 PM node: b859f25535802cd4
iot-2/type/HSSPM/Id/12345/ev/revent/fmt/json :
msg.payload : number
76

11/19/2022, 1:28:35 PM node: b859f25535802cd4
iot-2/type/HSSPM/Id/12345/ev/revent/fmt/json :
msg.payload : number
68

11/19/2022, 1:28:36 PM node: b859f25535802cd4
iot-2/type/HSSPM/Id/12345/ev/revent/fmt/json :
msg.payload : number
89

11/19/2022, 1:28:37 PM node: b859f25535802cd4
iot-2/type/HSSPM/Id/12345/ev/revent/fmt/json :
msg.payload : Object
{ T: 11, pH: 8, conductivity: 42, oxygen: 38, turbidity: 17 }

11/19/2022, 1:28:38 PM node: b859f25535802cd4
iot-2/type/HSSPM/Id/12345/ev/revent/fmt/json :
msg.payload : number
8

11/19/2022, 1:28:39 PM node: b859f25535802cd4
iot-2/type/HSSPM/Id/12345/ev/revent/fmt/json :
msg.payload : number
42

28°C Haze

18:03 19-11-2022

6:23      •   VoLTE     98 

REAL TIME RIVER WATER QUALITY MONITORING

MONITORING WINDOW

pH : 74

Conductivity : 61

Temperature : 69

Oxygen : 36

Turbidity : 66

LIGHT ON

LIGHT OFF

