

node-red-wjldy-2022-11-05-au-syd.mybluemix.net/red/#flow/0f9b63d0108c21ca

Node-RED

Flow 1

filter nodes

- colour picker
- form
- text
- gauge
- chart
- audio out
- notification
- ui control
- template

uibuilder

- uibuilder
- uib - sender

msg payload

function

template

Bin in use

View Status

date

date

Login

button

move

data

database

Today Used

Range

Bin Level

Total Users

Today Used

Pay per scale

Bin Usage

show notification

Navigation

Bin Status

Bin Level

Pay per scale

Bin Usage

Bin Level

date

Today Used

dashboard

Layout

Site

Theme

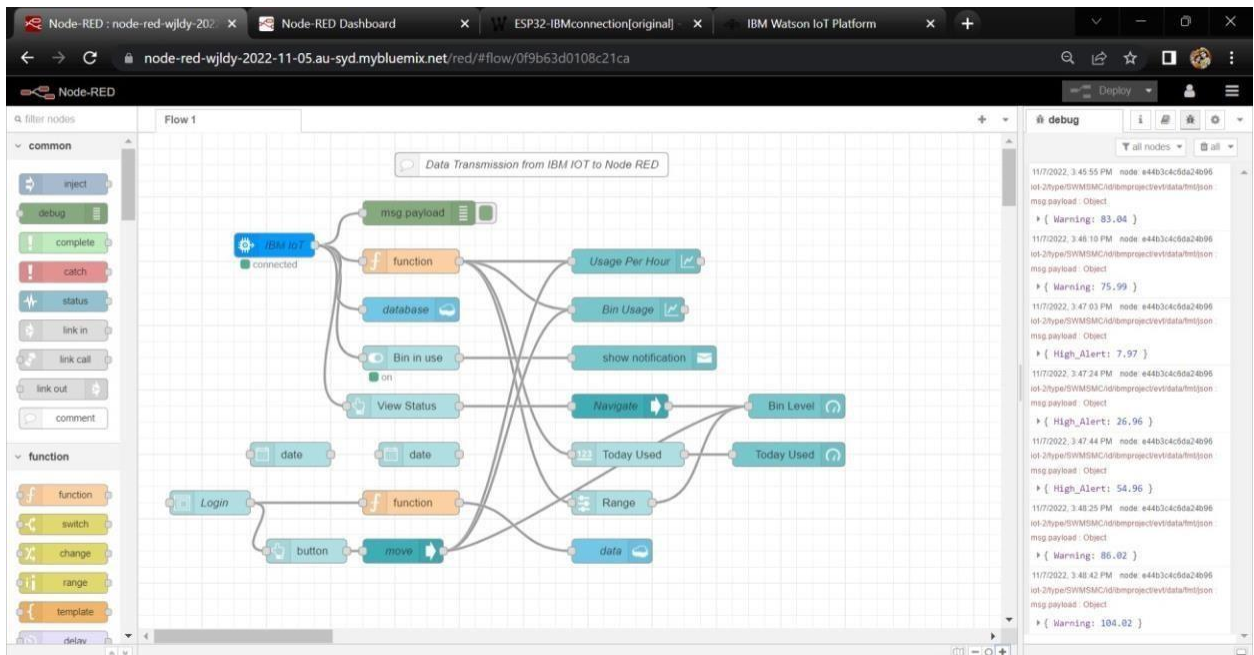
Tabs & Links

- User
 - Login
- Log
 - Control
- Bin Status
 - Bin Status
 - Pay per scale
 - Bin Usage
 - Bin Level
 - date
 - Today Used

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
data	{"Warning":28.95}	json	a few seconds ago
data	{"Warning":28.95}	json	a few seconds ago
data	{"Warning":49.98}	json	a minute ago
data	{"Warning":49.98}	json	a minute ago
data	{"Warning":11.03}	json	a minute ago

4. Data transfer from IBM Watson IOT platform and wokwi to Node red.



5 . Storing database in IBM cloudant DB.

ee6aeb4a-3006-499e-940e-af19edf953bf-bluemix.cloudant.com/dashboard.html#/all_dbs

Databases













Database name

Create Database

{ } JSON

Log Out

Your Databases

Name	Size	# of Docs	Partitioned	Actions
login_credentials	13.7 KB	111	No	  
noderedwjldy20221105	37.4 KB	4	No	  
sample	59.4 KB	351	No	  
sensor_data	15.7 KB	90	No	  

Showing 1–4 of 4 databases. Databases per page 20

ee6aeb4a-3006-499e-940e-af19edf953bf-bluemix.cloudant.com/dashboard.html#/database/sensor_data/_all_docs

sensor_data

Document ID

Options

{ } JSON

Log Out

All Documents

Query











Permissions

Changes

Design Documents

Create Document

Table Metadata { } JSON

id	key	value
<input type="checkbox"/>  0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-cde2dd17c519394df..." }
<input type="checkbox"/>  0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-d26c5b40891e13c6c..." }
<input type="checkbox"/>  0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-cde2dd17c519394df..." }
<input type="checkbox"/>  0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-f96eb0460bc16cfab0..." }
<input type="checkbox"/>  1a921f21cbe229b86f599acb45...	1a921f21cbe229b86f599acb45...	{ "rev": "1-7226f08794cd47b7c..." }
<input type="checkbox"/>  1a921f21cbe229b86f599acb45...	1a921f21cbe229b86f599acb45...	{ "rev": "1-1bbdd9a985bd56cf9..." }
<input type="checkbox"/>  20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{ "rev": "1-7226f08794cd47b7c..." }
<input type="checkbox"/>  20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{ "rev": "1-3ad288ecad57f039e..." }
<input type="checkbox"/>  20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{ "rev": "1-1bbdd9a985bd56cf9..." }
<input type="checkbox"/>  298ed6fhd9b3h815f5ac7c061e...	298ed6fhd9b3h815f5ac7c061e...	{ "rev": "1-4e7240f6e5307a1h9..." }

Showing document 1 - 20. Documents per page: 20

6. Data is stored in JSON format

← → ↻ ee6aeb4a-3006-499e-940e-af19edf953bf-bluemix.cloudant.com/dashboard.html#database/sensor_data/0198213c192cb2c244cc2433f1802b91

sensor_data > 0198213c192cb2c244cc2433f1802b91

Save Changes Cancel Upload Attachment Clone Document Delete

```
1
2 {
3   "_id": "0198213c192cb2c244cc2433f1802b91",
4   "_rev": "1-cde2dd17c519394dfeb774730c495f8b",
5   "topic": "iot-2/type/SWMSMC/id/ibmproject/evt/data/fmt/json",
6   "payload": {
7     "Warning!!": "244.97left"
8   },
9   "deviceId": "ibmproject",
10  "deviceType": "SWMSMC",
11  "eventType": "data",
12  "format": "json"
13 }
```

Log Out

7. Web UI

← → ↻ node-red-wjldy-2022-11-05-au-syd.mybluemix.net/ui/#/I/0?socketid=mTvbzmznbl9ri5aUmAACX

Log

Log

Bin Status

Control

Bin in use

Range

Today Used

date 00/11/2022

VIEW STATUS

