

Node-RED

Deploy

switch

function

switch

dashboard

switch

Flow 2

```
graph LR
    IoT1[IBM IoT] --> latitude
    IoT1 --> binlevel
    IoT1 --> longitude
    IoT1 --> weight
    latitude --> latitude_out[latitude]
    binlevel --> binlevel_out[binlevel]
    longitude --> longitude_out[longitude]
    weight --> weight_out[weight]
    switch --> ALERT
    ALERT --> WEB_ALERT[WEB ALERT]
    ALERT --> payload1[msg.payload]
    [get] /data --> data
    data --> http1[http]
    GC[Garbage Collected] --> IoT2[IBM IoT]
    GC --> payload2[msg.payload]
    GYC[Garbage yet to collect] --> payload3[msg.payload]
    [get] /command --> http2[http]
```

debug

all nodes

all

11/17/2022, 3:07:33 PM node: 68eefa84efbc44a5
iot-
2/type/smartwastemanagement/id/1234/ev/ibmproject/mml
: msg.payload : number
29.0862

11/17/2022, 3:07:33 PM node: 68eefa84efbc44a5
iot-
2/type/smartwastemanagement/id/1234/ev/ibmproject/mml
: msg.payload : number
12

11/17/2022, 3:07:33 PM node: 68eefa84efbc44a5
iot-
2/type/smartwastemanagement/id/1234/ev/ibmproject/mml
: msg.payload : number
92.6051

11/17/2022, 3:07:33 PM node: 68eefa84efbc44a5
iot-
2/type/smartwastemanagement/id/1234/ev/ibmproject/mml
: msg.payload : number
600

11/17/2022, 3:08:15 PM node: 6dc05c8e4fcff0
msg.payload : Object
{ command: "Garbage Collected" }

11/17/2022, 3:08:16 PM node: 05c7896e65c82063
msg : error
"SyntaxError: Unexpected token G in
JSON at position 11"

11/17/2022, 3:08:17 PM node: IBM IoT
msg : string[21]
"JSON Message expected"

11/17/2022, 3:08:18 PM node: 6dc05c8e4fcff0
msg.payload : string[35]
"{ \"Command\": \"Garbage yet to
collect\" }"

smartwaste-DASHBOARD

smartwaste

binlevel



55%

longitude



89.2691

degree 100.1526

Bin overloaded..Ready to collect..Hurry up!!!

OK

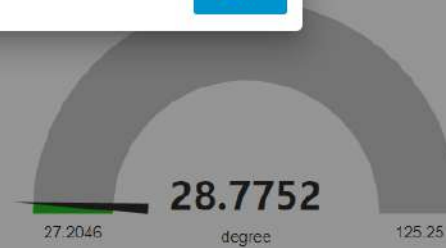
GARBAGE CO

COLLECT

weig



508kg



28.7752

27.2046 degree 125.25