

# **BUILD A WEB APPLICATION USING NODE-RED**

## **SERVICE**

Date	27 OCT 2023
Team ID	PNT2022TMID26544
Project Name	Project -Smart farmer-IOT enabled smart Farming Application

### **Step:1** Go to Your Node-Red Flow Editor

Node-RED on IBM Cloud

## Node-RED

Flow-based programming for the Internet of Things

Node-RED is a programming tool for wiring together hardware devices, APIs and online services in new and interesting ways.

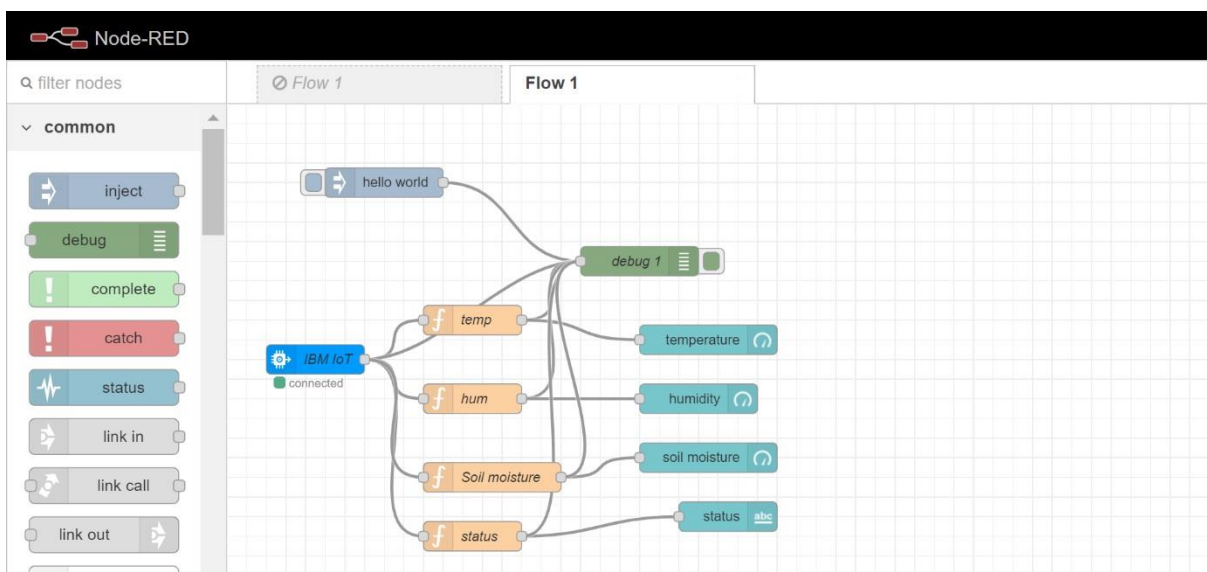
This instance is running as an IBM Cloud application, giving it access to the wide range of services available on the platform.

More information about Node-RED, including documentation, can be found at [nodered.org](https://nodered.org).

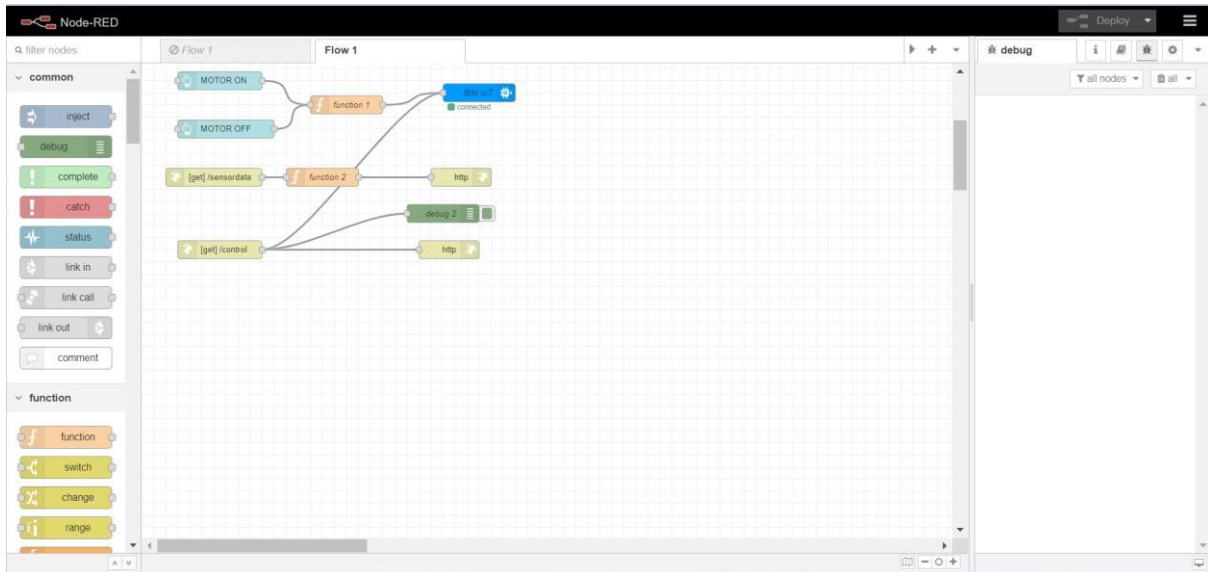
[Go to your Node-RED flow editor](#)

[Learn how to customise Node-RED](#)

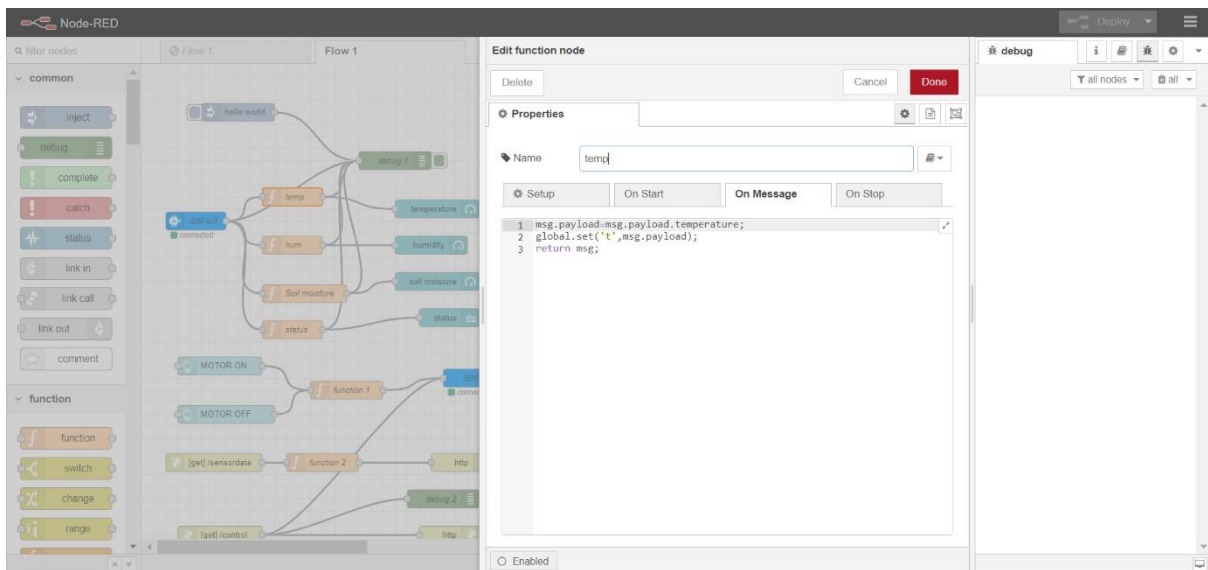
### **Step:2** Design the Required flows to Create Web Application



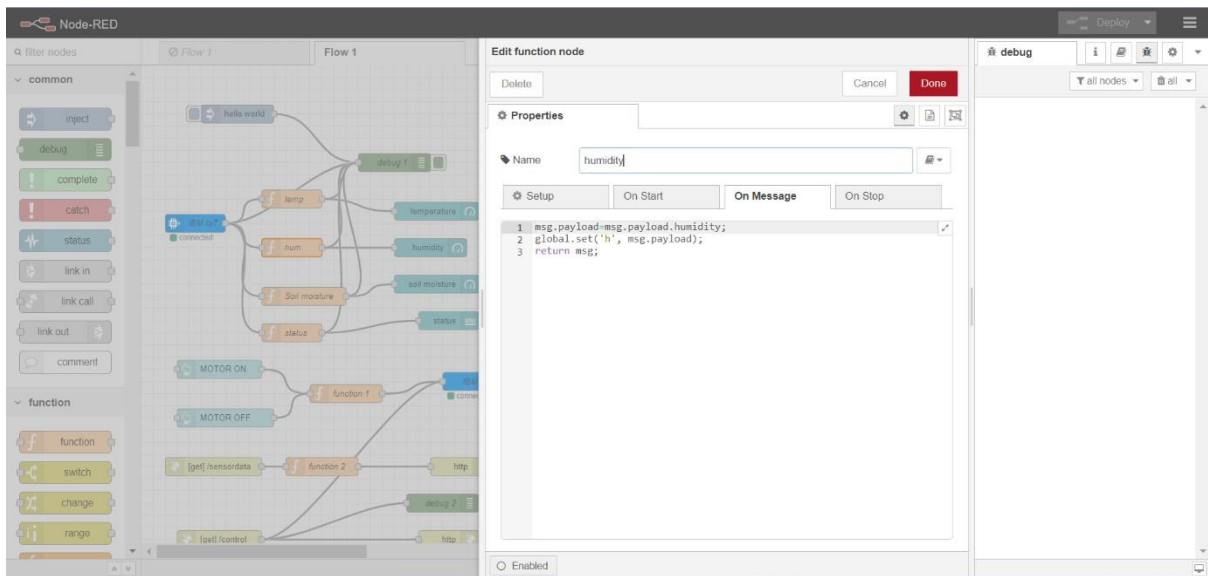
### Step:3 Getting the command From The user to Control the Motor



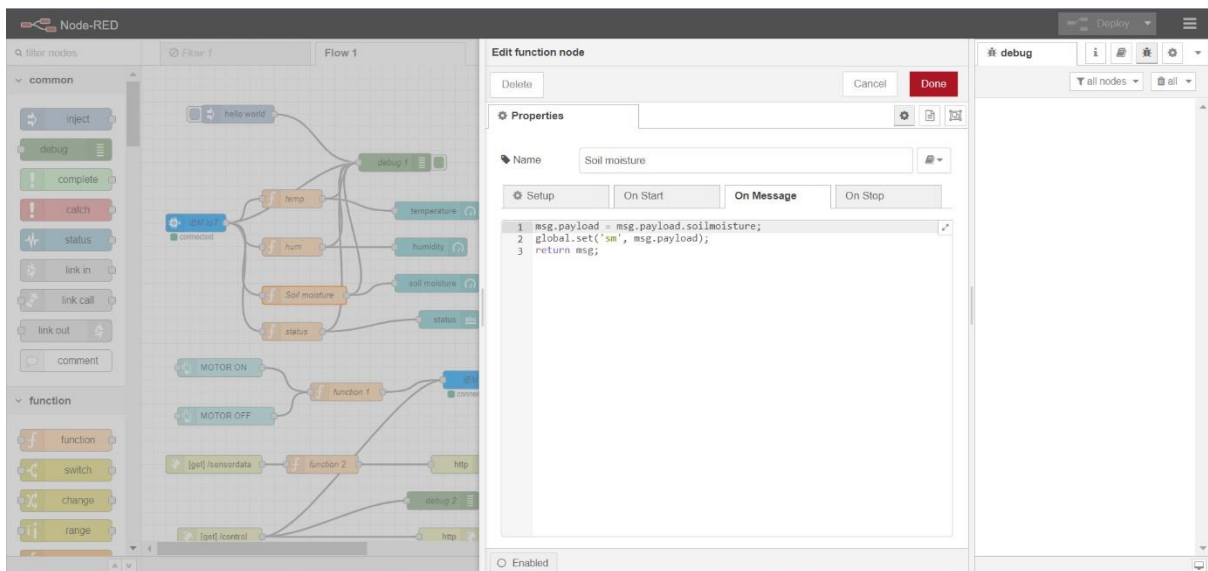
### Step:4 Temperature message Flow



## Step:5 Humidity Message Flow



## Step:6 Soil Moisture Flow



## Step:7 Final Web UI Output

