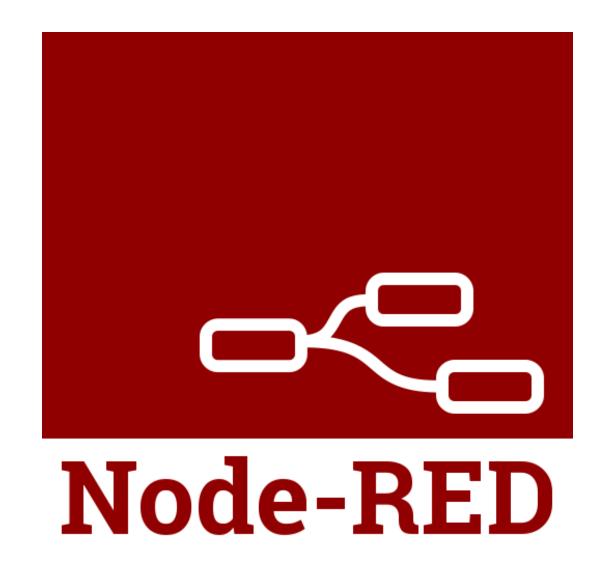
UNIVERSITY OF SCIENCE - VNUHCM

Faculty of Information Technology

INTERNET OF THINGS

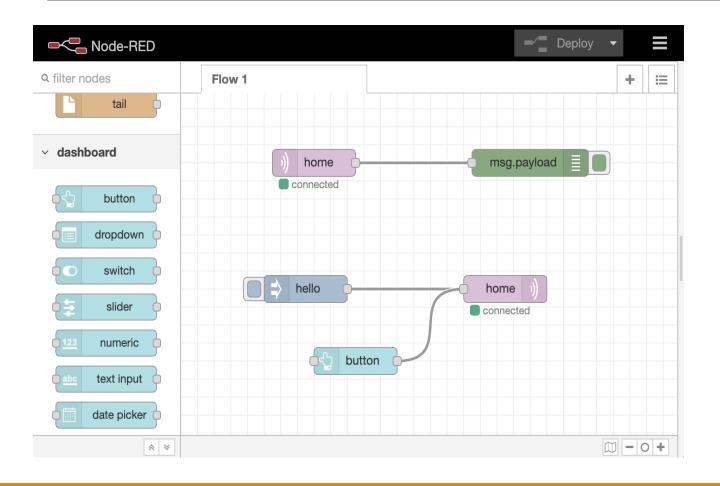
3.1

NODERED



NODERED

INSTALL NODE-RED



 Install NODE-RED by following this instruction:

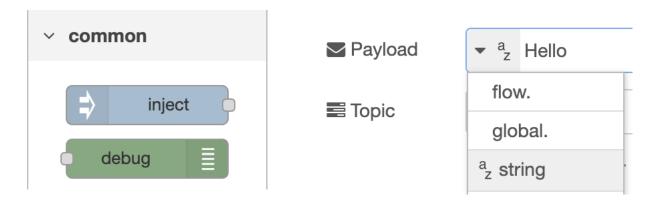
https://dientuviet.com/nodered-la-gi/

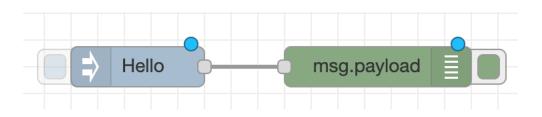
Open Web Browser, go to

http://localhost:1880

NODE-RED: HELLO WORLD!

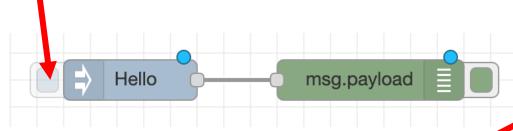
- Drag & Drop an inject node (input)
- Drag & Drop a debug node (output)
- Connect 2 nodes together
- DoubleClick inject node to open node properties window, change
 Payload to "string" and input a string "Hello World"



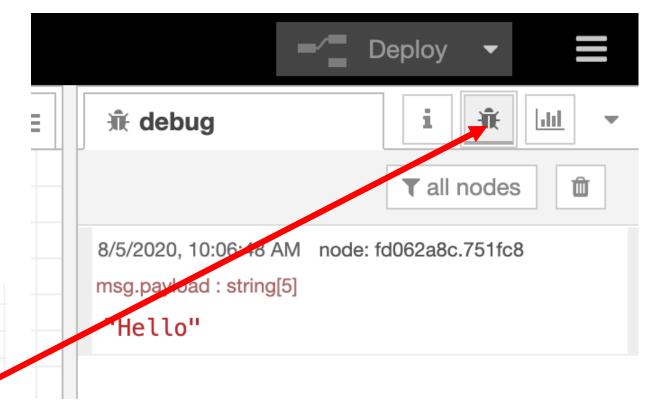


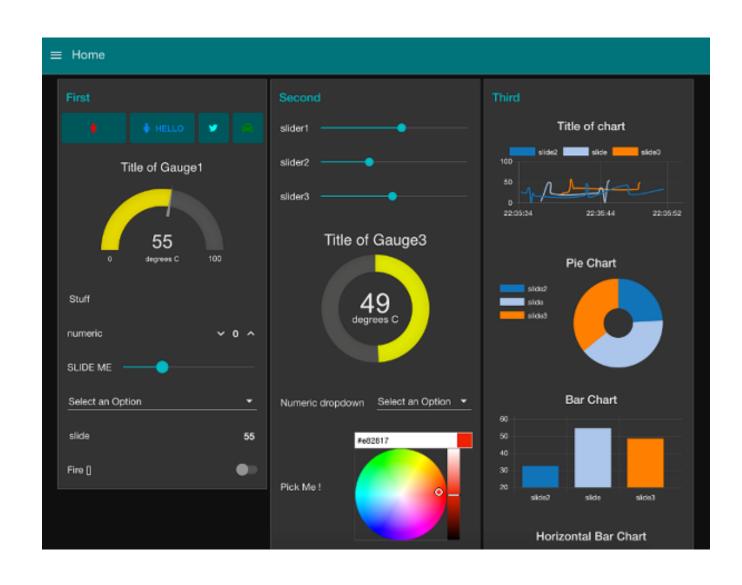
NODE-RED: HELLO WORLD! (tt)

- Deploy project (select Deploy button on the top right hand)
- Trigger to send a string "Hello World"
 from inject node to debug node



View result on Debug window

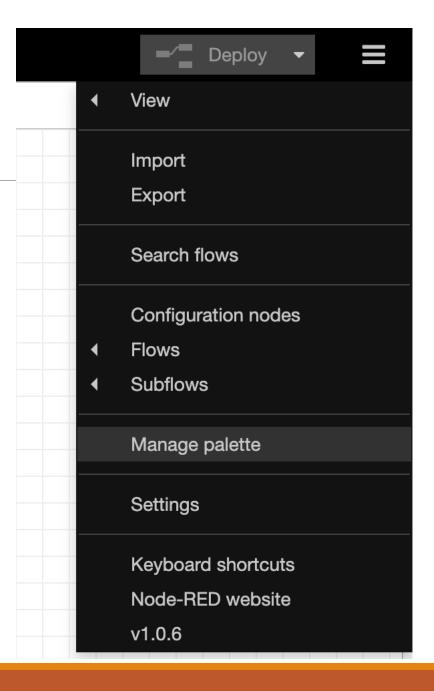




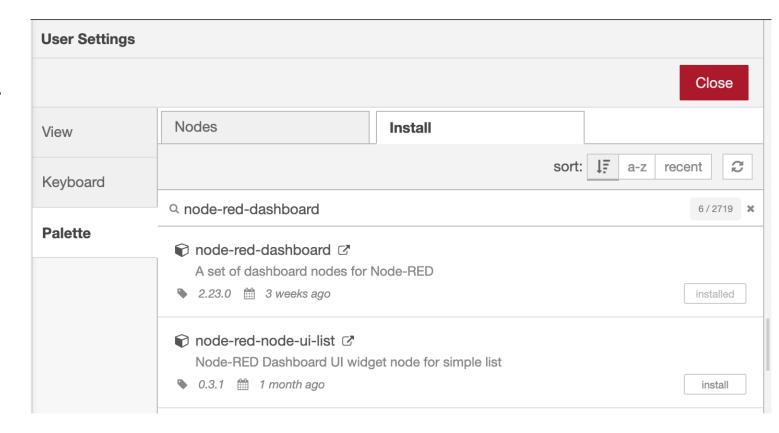
NODERED-UI

INSTALL NODE-RED-UI

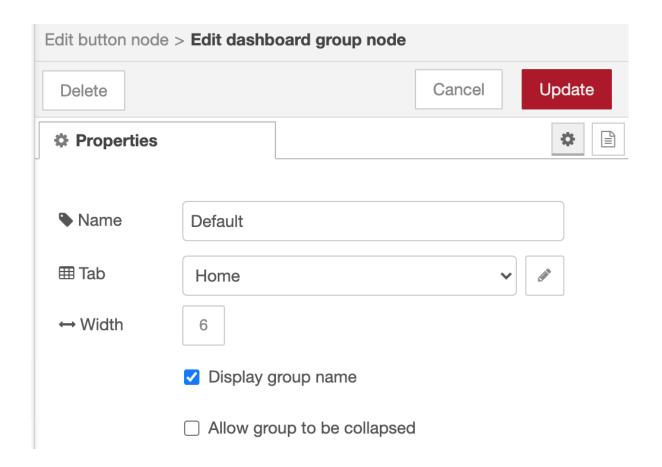
- Select Top-Right icon > Managepalette < Install tab
- Search "node-red-dashboard" > install
- Restart node-red



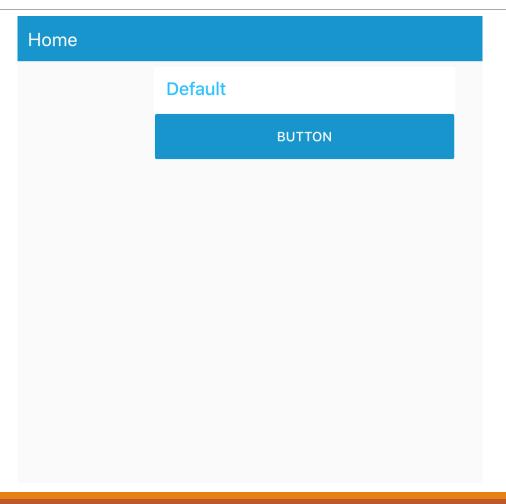
- Search "node-red-dashboard" > install
- Restart node-red



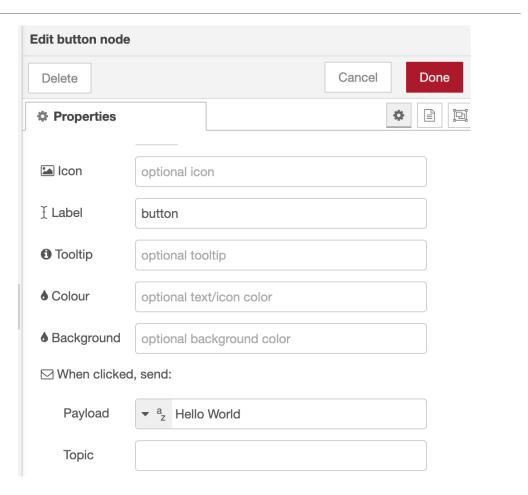
- Drag & Drop a Button node on tab Dashboard
- DoubleClick Button to configure properties
- Edit Group properties > Tab
 properties > enter Name of Tab
 > Update > Update > Done



- Deploy
- Run http://localhost:1880/ui



- Edit Payload properties of Button
 node > input "Hello World" string to
 Payload field
- Done



- Drag & Drop a Text node
- Connect the **Button** node to **Text** node
- Deploy & Run

