

Install Node-Red and add-ons

Visit: https://nodered.org/docs/platforms/windows

Follow directions to install node-red

In a command line type:

npm install node-red-dashboard

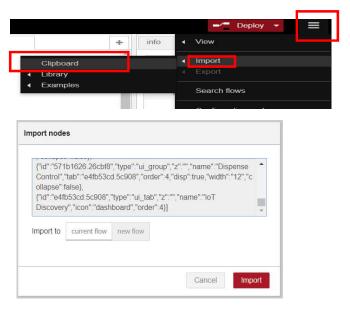
Then:

npm install node-red-contrib-mbed-cloud



Getting started with Node-Red (1)

- Open a command window, enter: "Node-red"
- In your Pelion-DM-Workshop-Project directory open flow1.txt, select and copy the entire contents of the file:
- Open a browser window and navigate to:
 - http://localhost:1880
- Select Menu->Import->Clipboard
- Paste the contents of flow1.txt
- Select "Import"





Getting started with Node-Red (2)

Place your new flow into the flow page and click to anchor

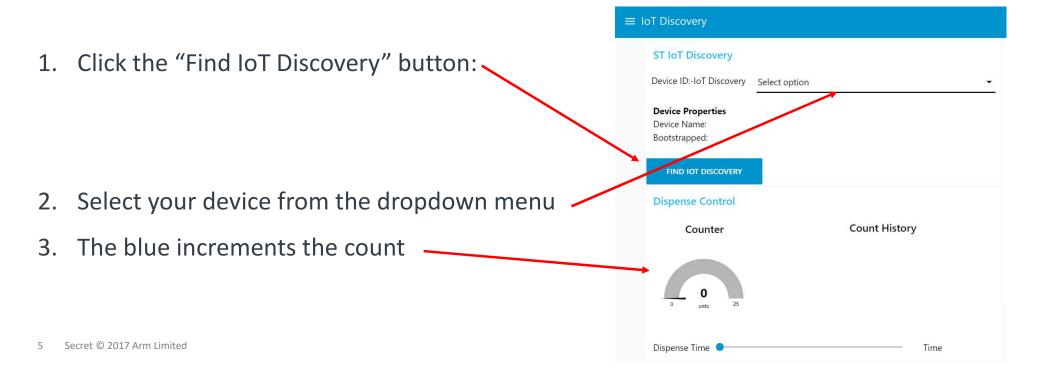


- If needed get a new key from your Pelion Portal
- Select "Done" to save the new node configuration
 - All of the nodes in your flow that need Pelion access will share this API key



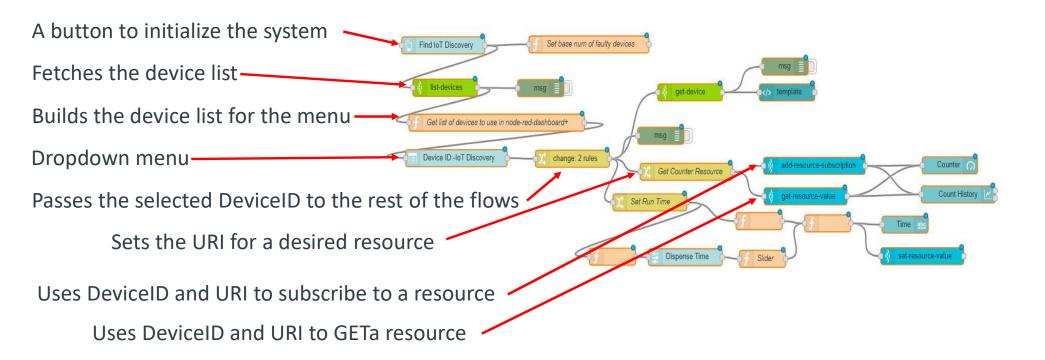
Getting started with Node-Red (3)

- Select "Depoly"
- In another tab navigate to http://localhost:1880/ui



Lets explore our flow

Double click on these blocks to explore them



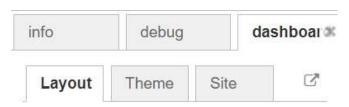


Add Temperature and Humidity to our UI

1. Copy and paste these blocks

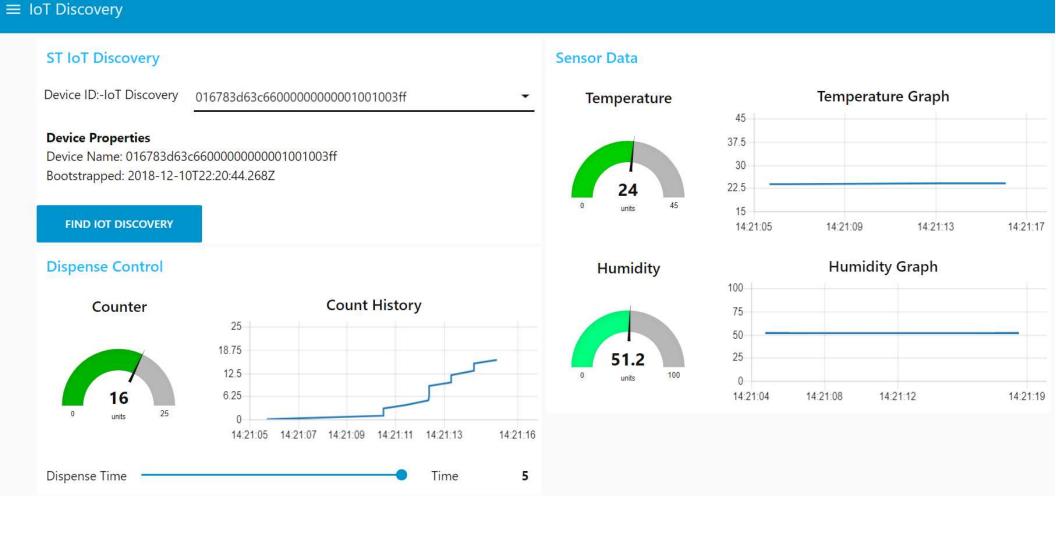


- 2. Modify the URI block to reflect the URI of our temperature resource
- 3. "Wire" the input of the URI block to the output of the deviceID block
- 4. Edit the display blocks and give them new names
- 5. Repeat 1-4 for Humidity
- 6. The Dashboard tab lets you arrange the display elements





The Result!



Thank You! Danke! Merci! 谢谢! ありがとう! Gracias! Kiitos! 감사합니다 धन्यवाद

