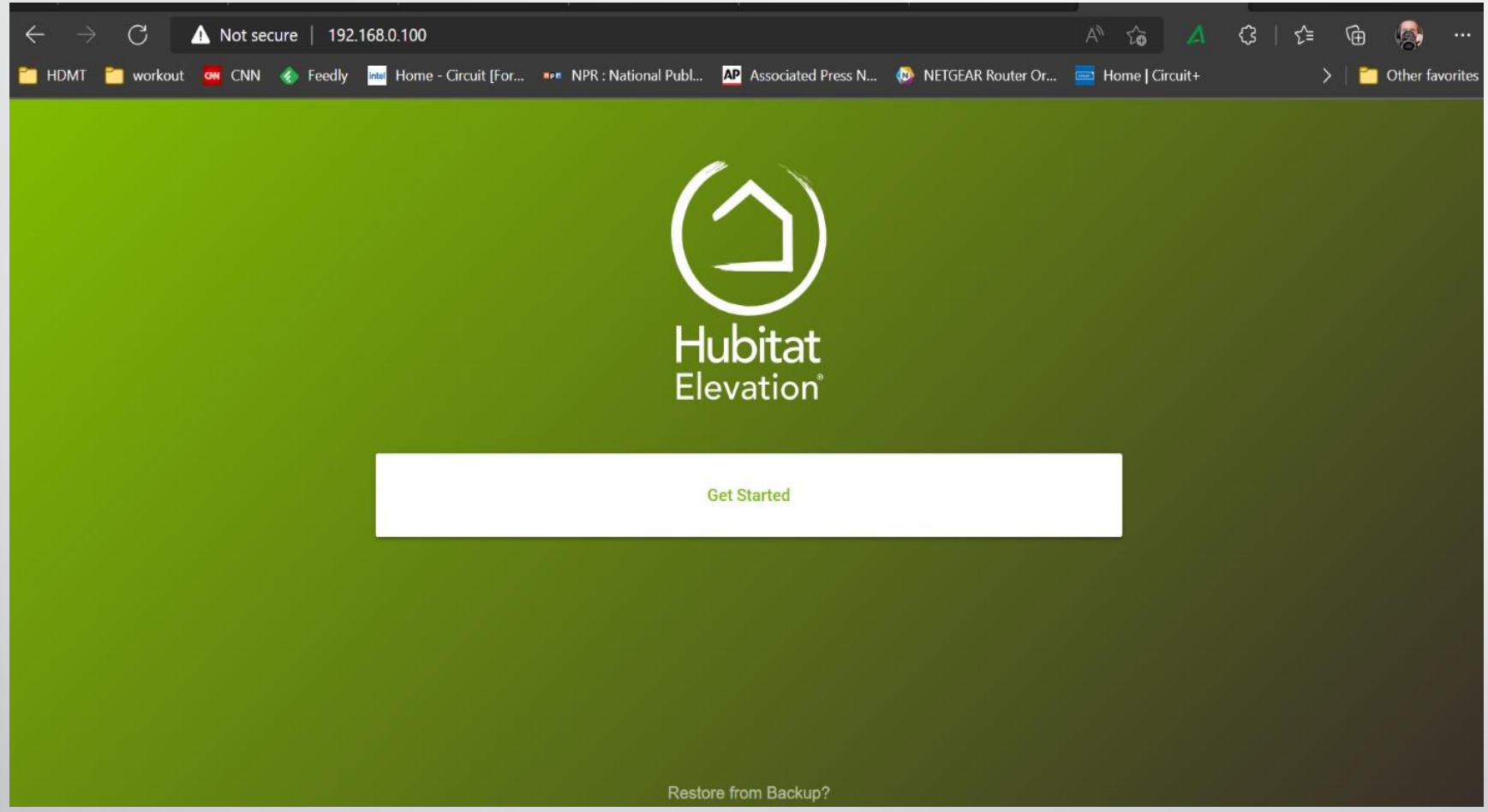
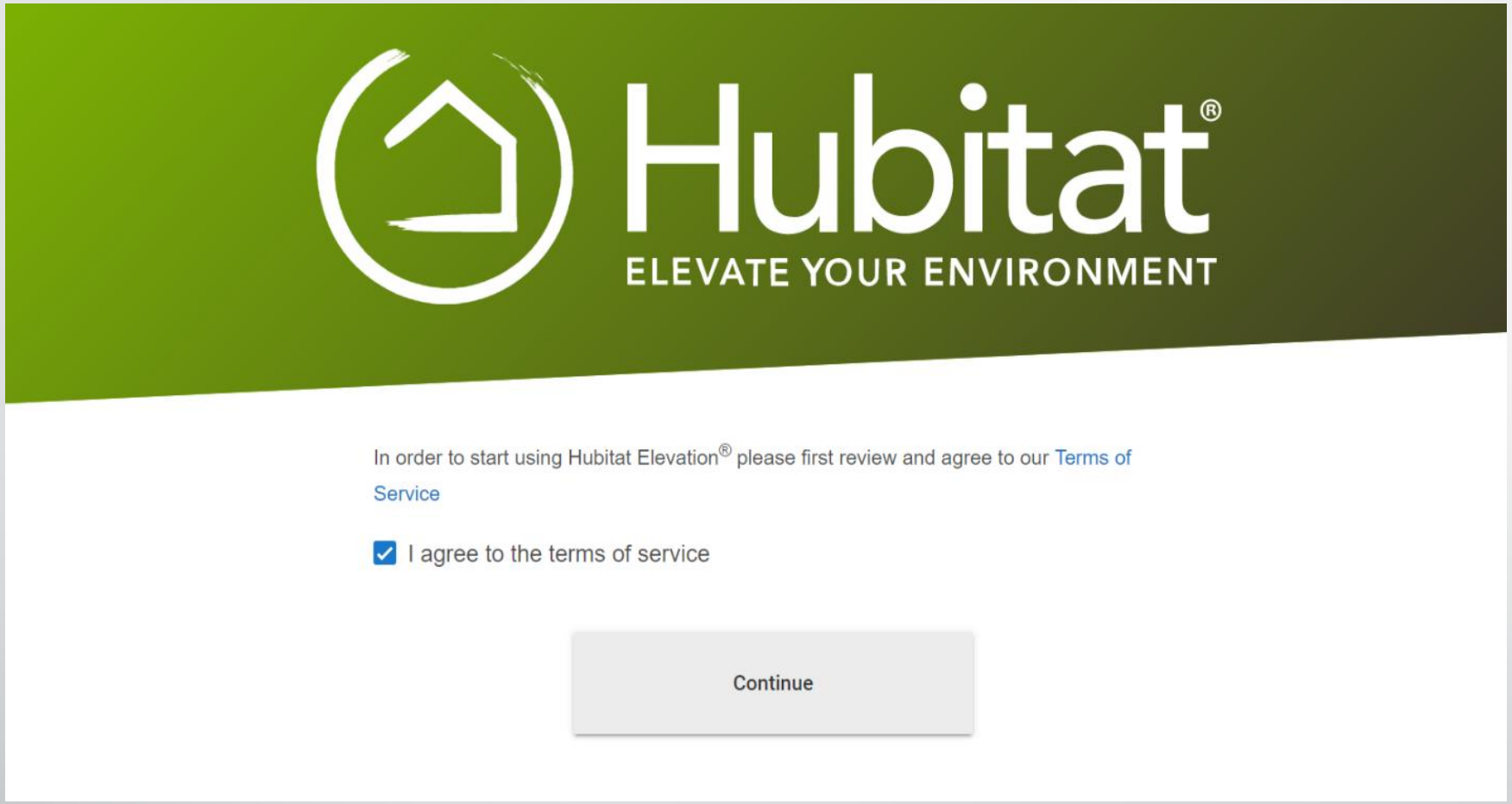
# Configuring Hubitat

By: Julia Beiferman

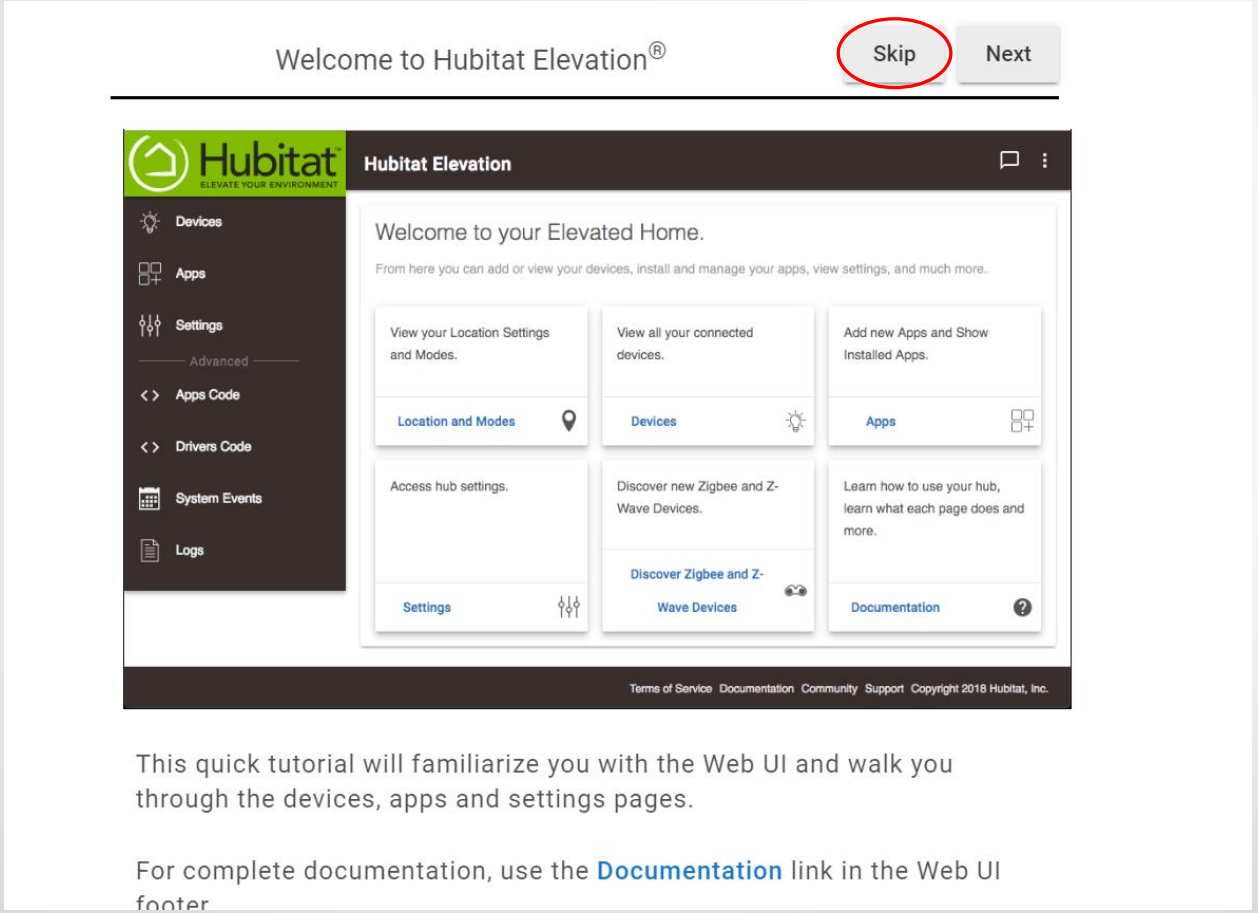
# First Time Set Up



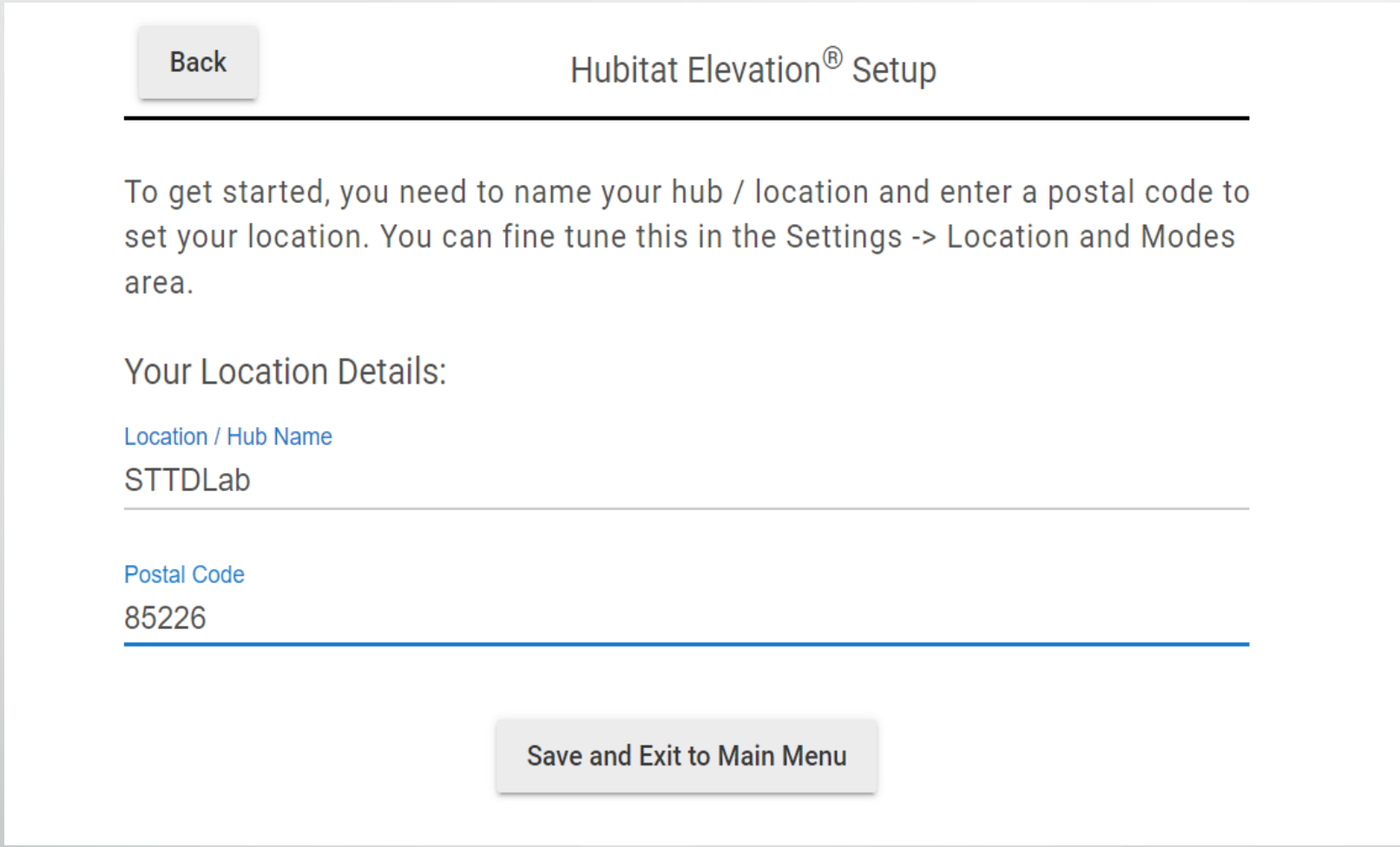

Enter the Hubitat's IP address into the web browser to access the startup homepage. Select 'Get Started'



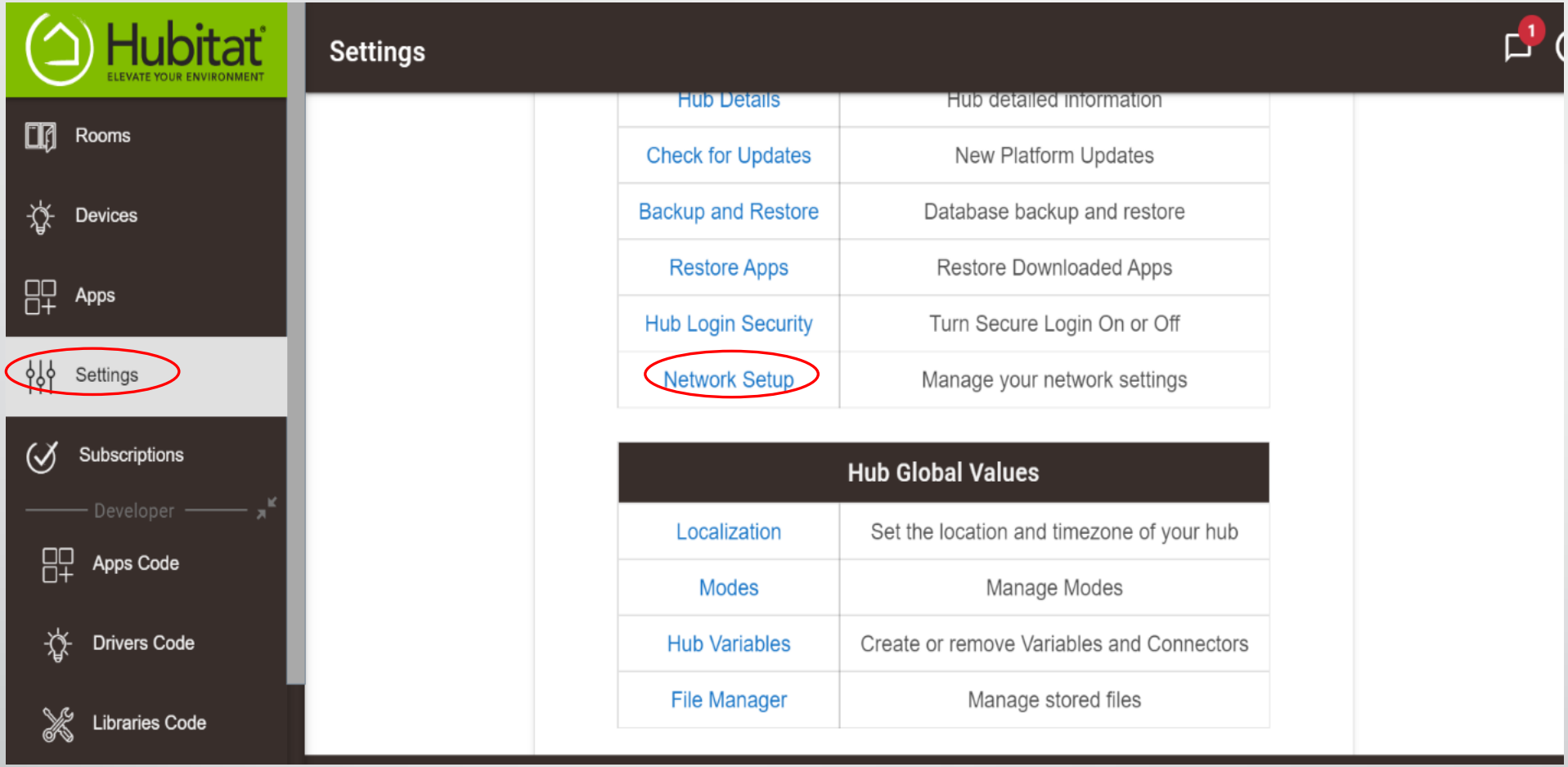

Agree to Terms of Service and continue.



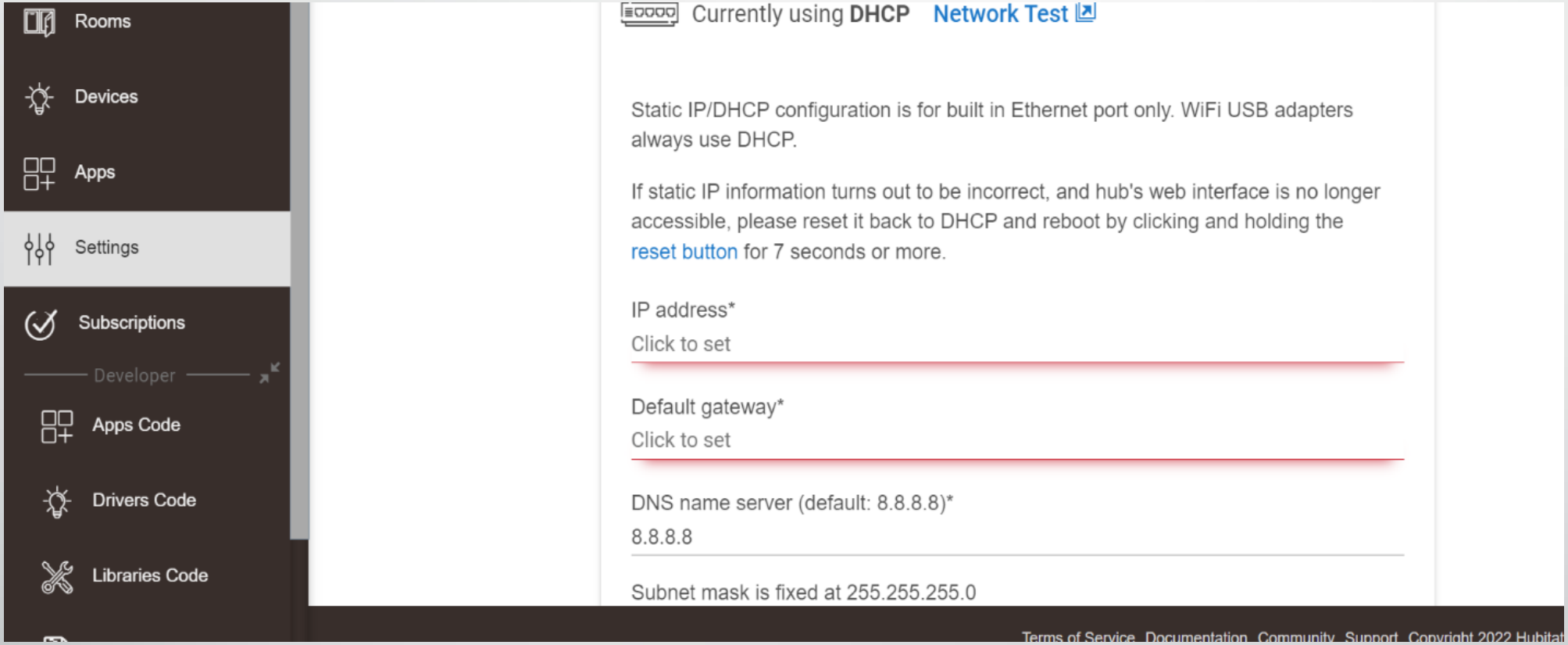

This will bring you to the tutorials page. Click 'Skip' if you are already familiar.




Next, enter location and postal code and hit ‘Save and Exit to Main Menu’



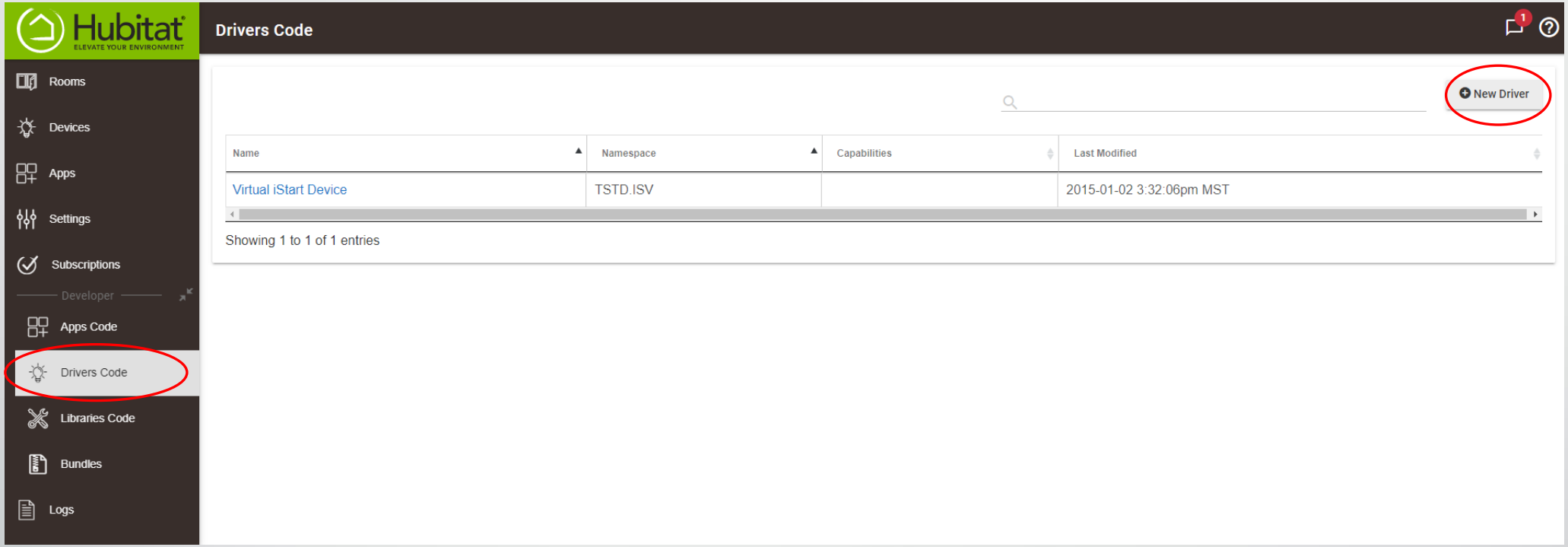

In the Main Menu click 'Settings' on the left and then 'Network Setup'



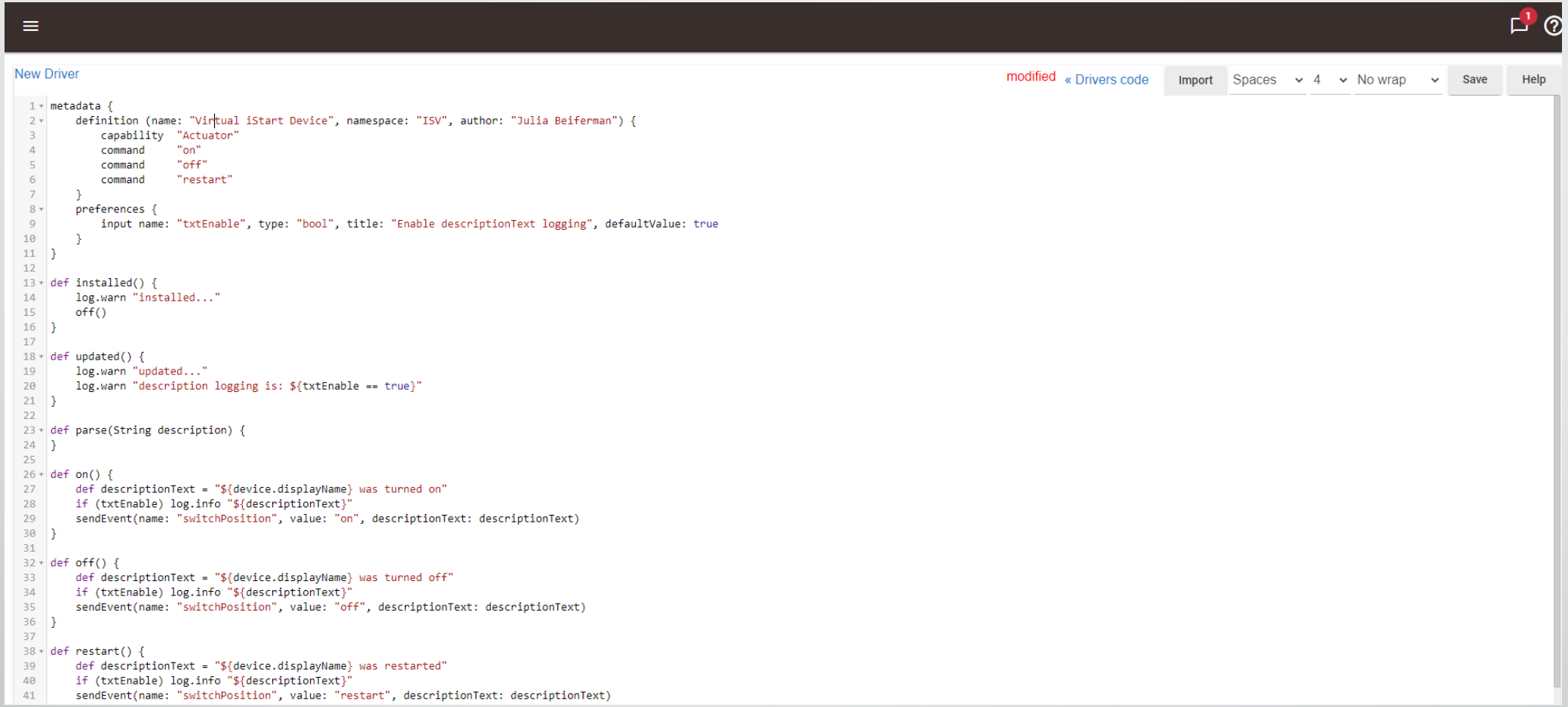

Hard Configure the IP

# Installing Apps Code

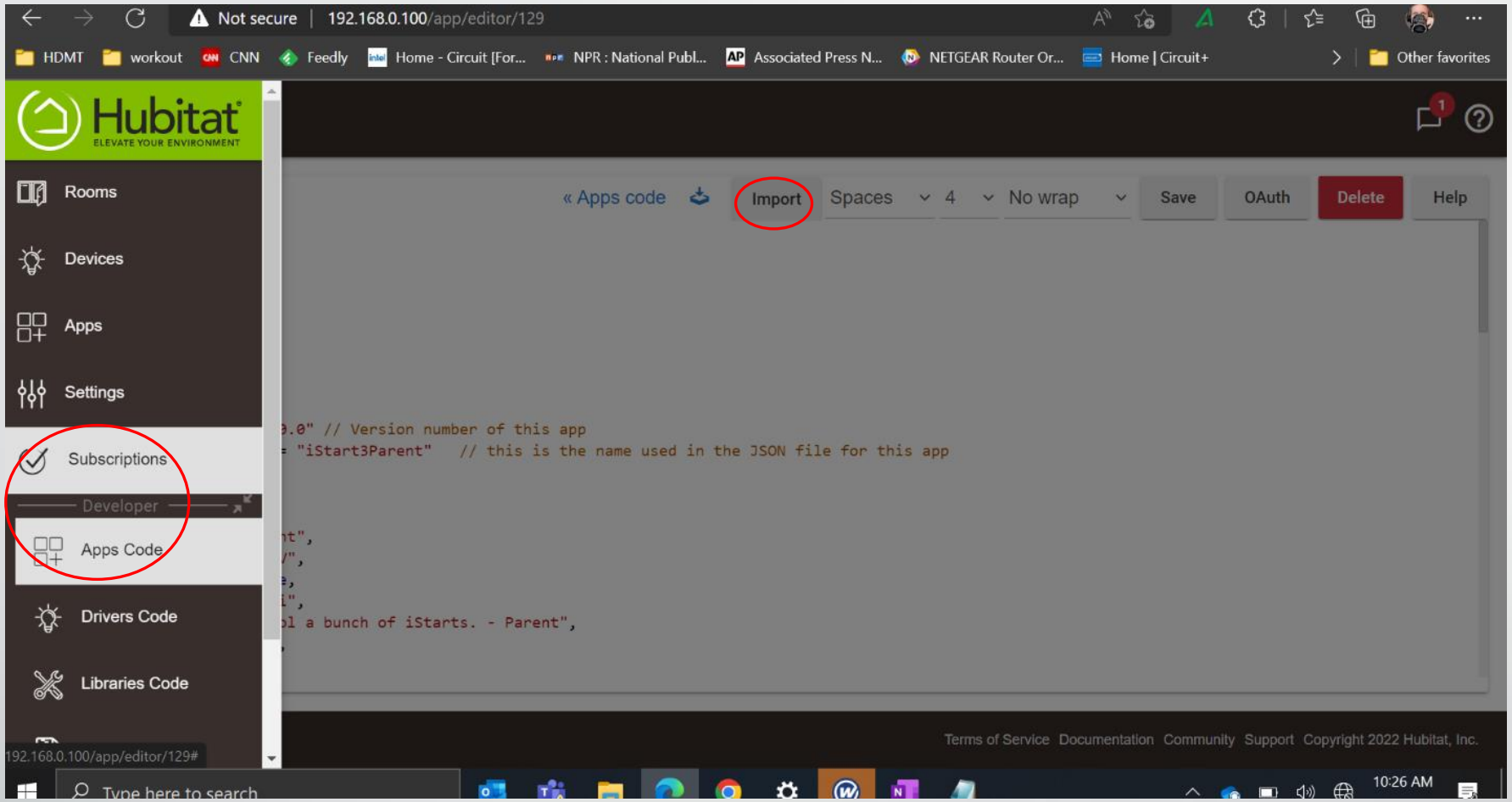
(first time installation)




On the left select 'Driver Code' under Developer and push 'New Driver' to upload the driver code

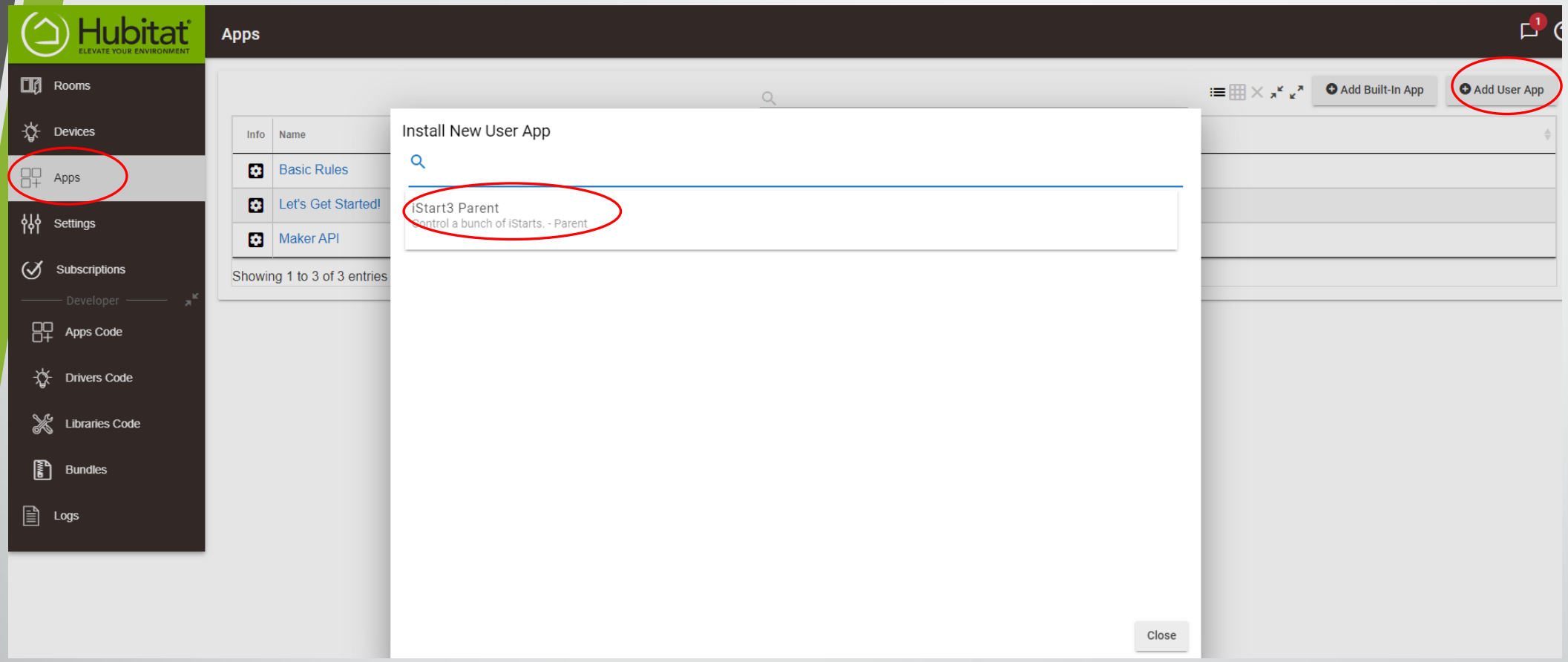



Paste in the contents of ‘actuator.groovy’ and save the file.



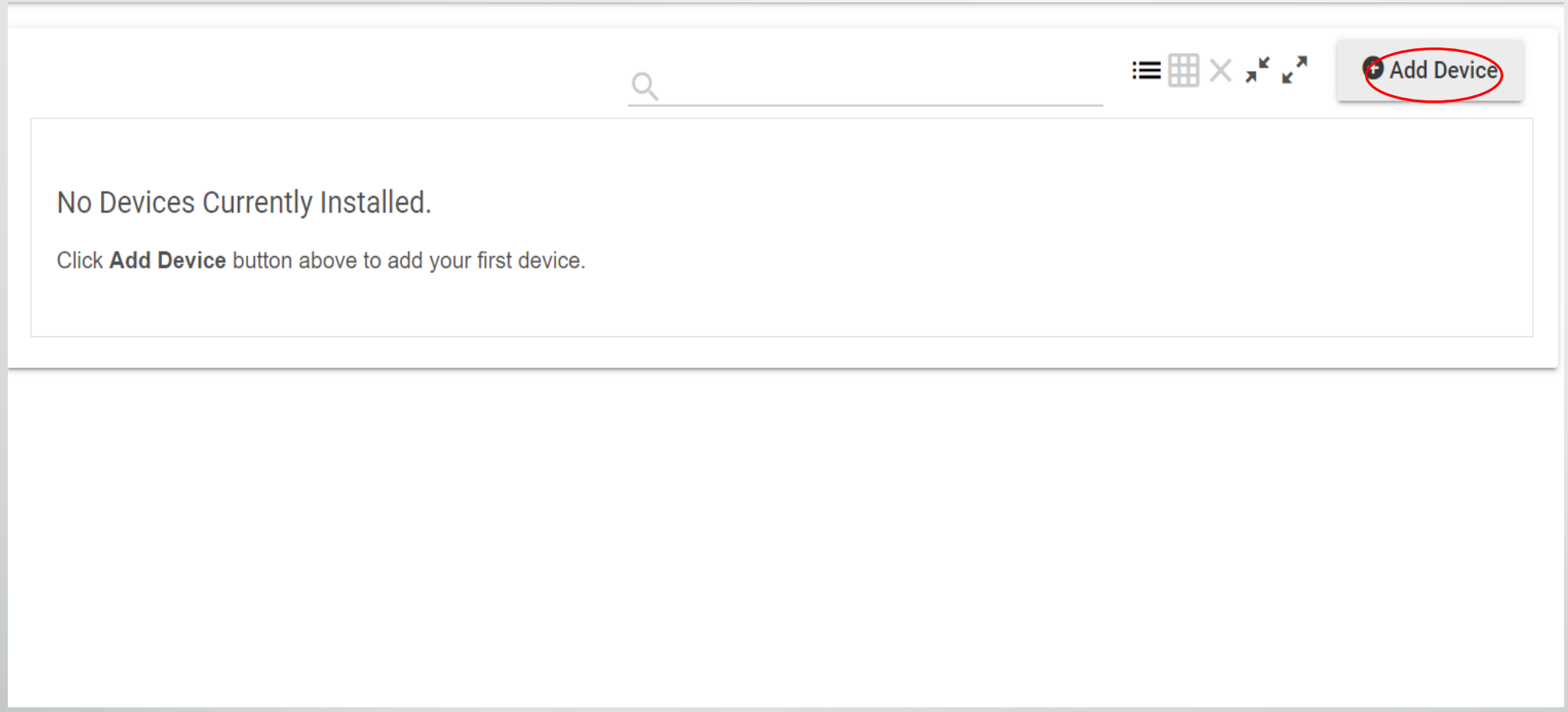

On the left select 'Apps Code' under Developer and push 'Import' to upload the Child.groovy code


The result should look like this. Remember to save the file. Repeat the process with the ‘Parent.groovy’ code

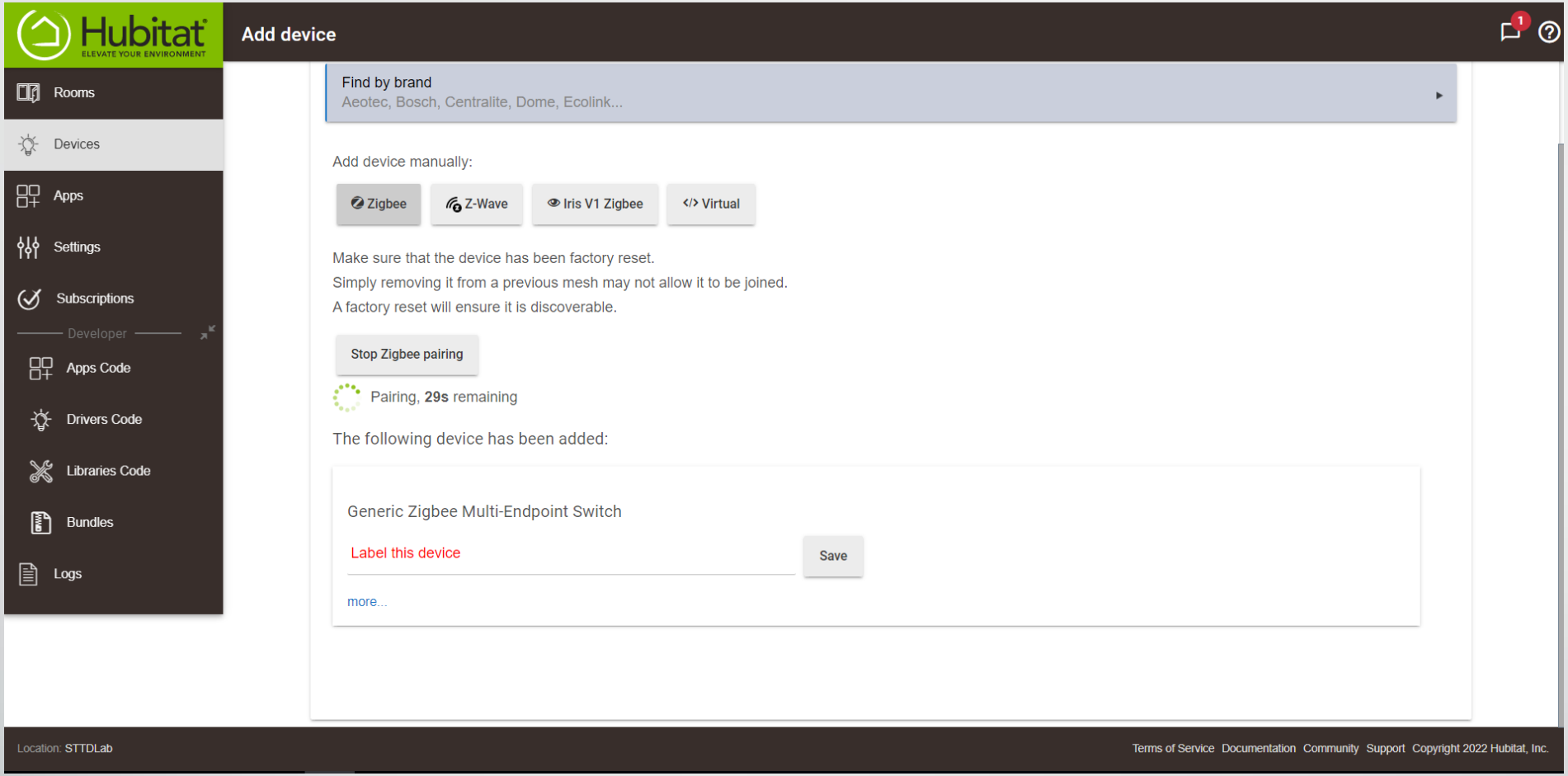



Go back to the 'Apps' tab and click 'Add User App' to add the iStart3 Parent app.

# Adding a Device/ Connecting Relays




At the bottom it will say no devices currently installed. Click the ‘Add Device’ button


Hubitat
ELEVATE YOUR ENVIRONMENT
Add device
Rooms
Devices
Apps
Settings
Subscriptions
Developer
Apps Code
Drivers Code
Libraries Code
Bundles
Logs
Find by brand
Aeotec, Bosch, Centralite, Dome, Ecolink...
Add device manually:
Zigbee
Z-Wave
Iris V1 Zigbee
Virtual
Make sure that the device has been factory reset.
Simply removing it from a previous mesh may not allow it to be joined.
A factory reset will ensure it is discoverable.
Stop Zigbee pairing
Pairing, 29s remaining
The following device has been added:
Generic Zigbee Multi-Endpoint Switch
Label this device
Save
more...
Location: STTDLab
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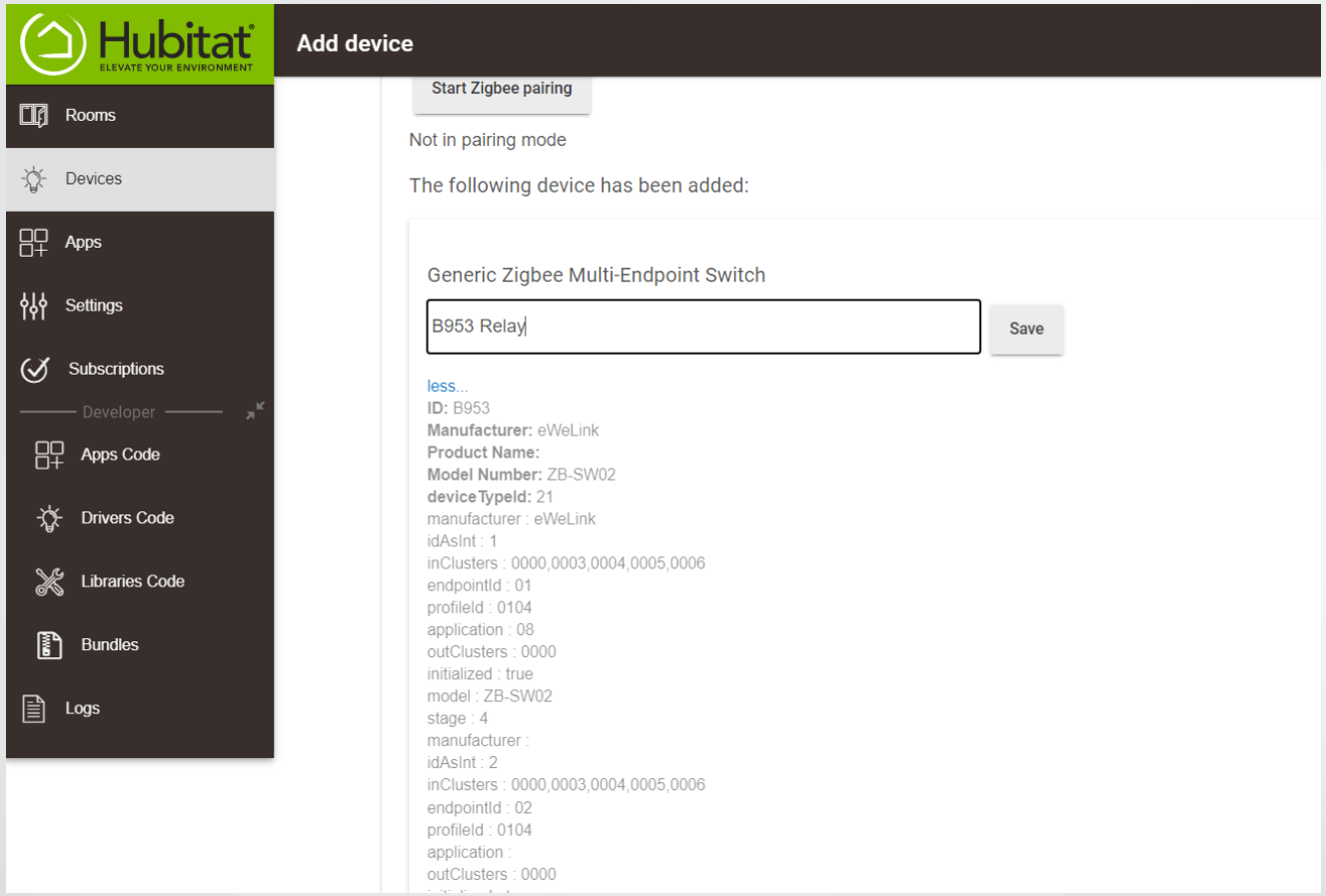
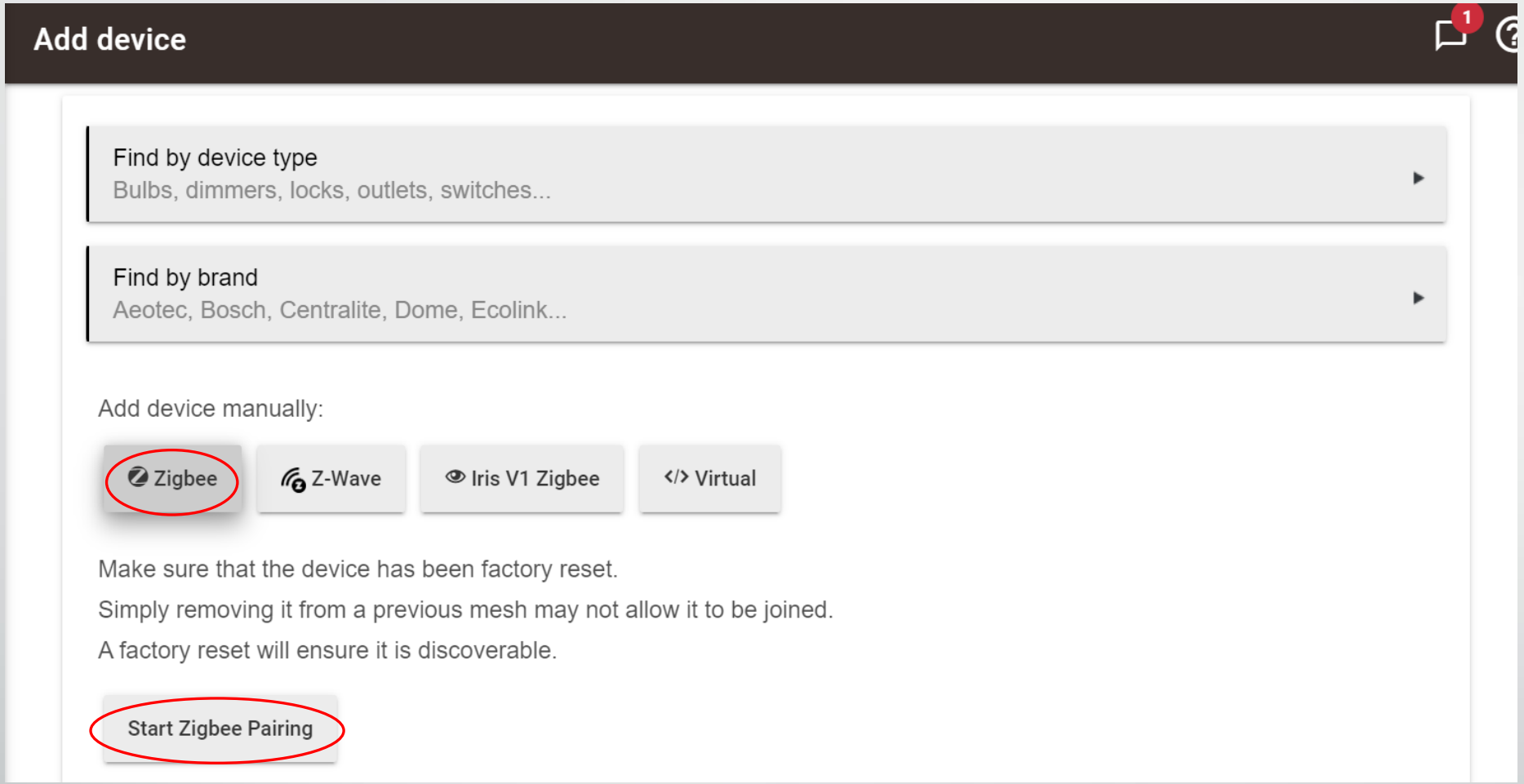
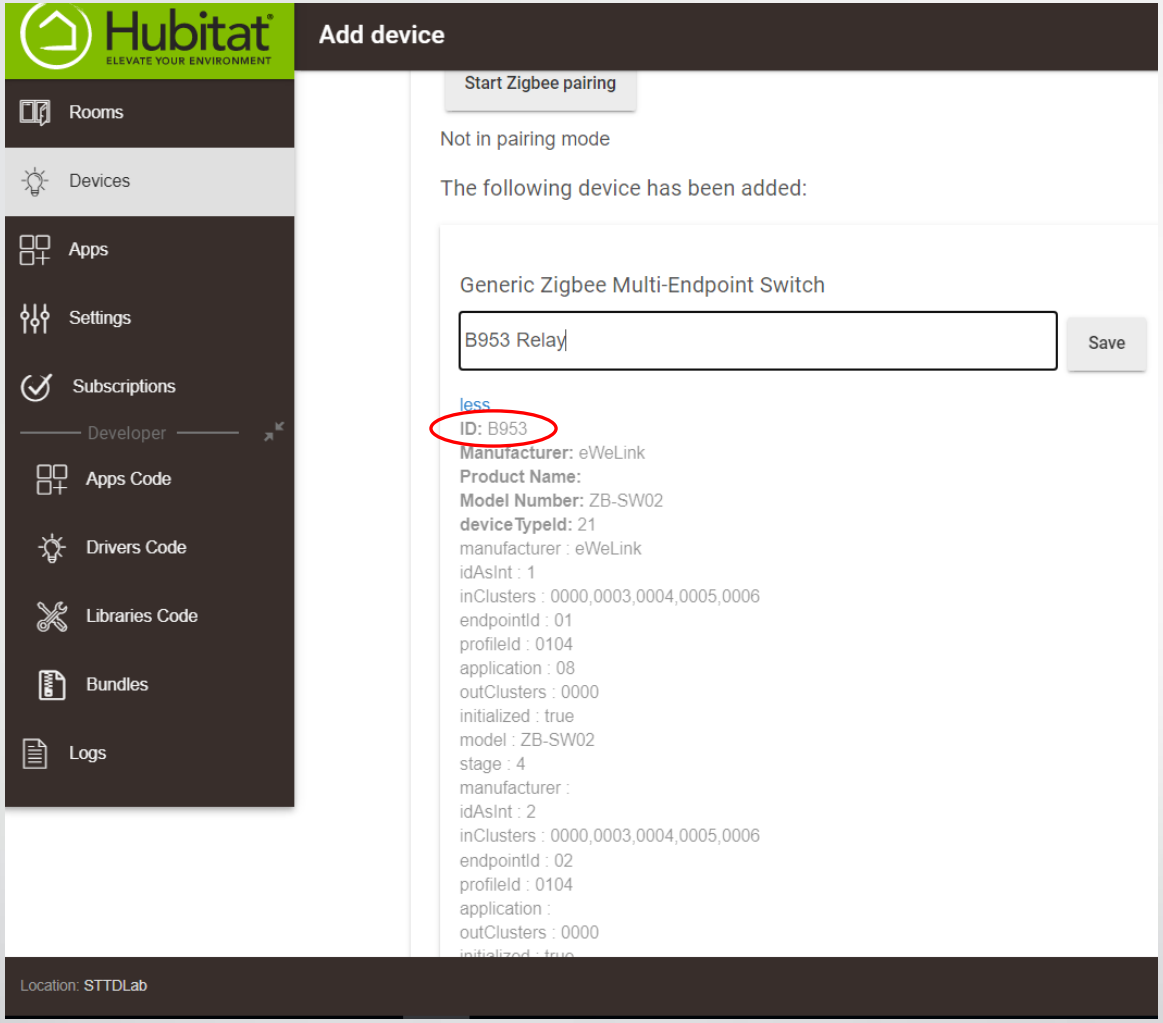

Hubitat
ELEVATE YOUR ENVIRONMENT
Add device
Rooms
Devices
Apps
Settings
Subscriptions
Developer
Apps Code
Drivers Code
Libraries Code
Bundles
Logs
Start Zigbee pairing
Not in pairing mode
The following device has been added:
Generic Zigbee Multi-Endpoint Switch
B953 Relay
Save
less...
ID: B953
Manufacturer: eWeLink
Product Name:
Model Number: ZB-SW02
deviceTypeId: 21
manufacturer : eWeLink
idAsInt : 1
inClusters : 0000,0003,0004,0005,0006
endpointId : 01
profileId : 0104
application : 08
outClusters : 0000
initialized : true
model : ZB-SW02
stage : 4
manufacturer :
idAsInt : 2
inClusters : 0000,0003,0004,0005,0006
endpointId : 02
profileId : 0104
application :
outClusters : 0000

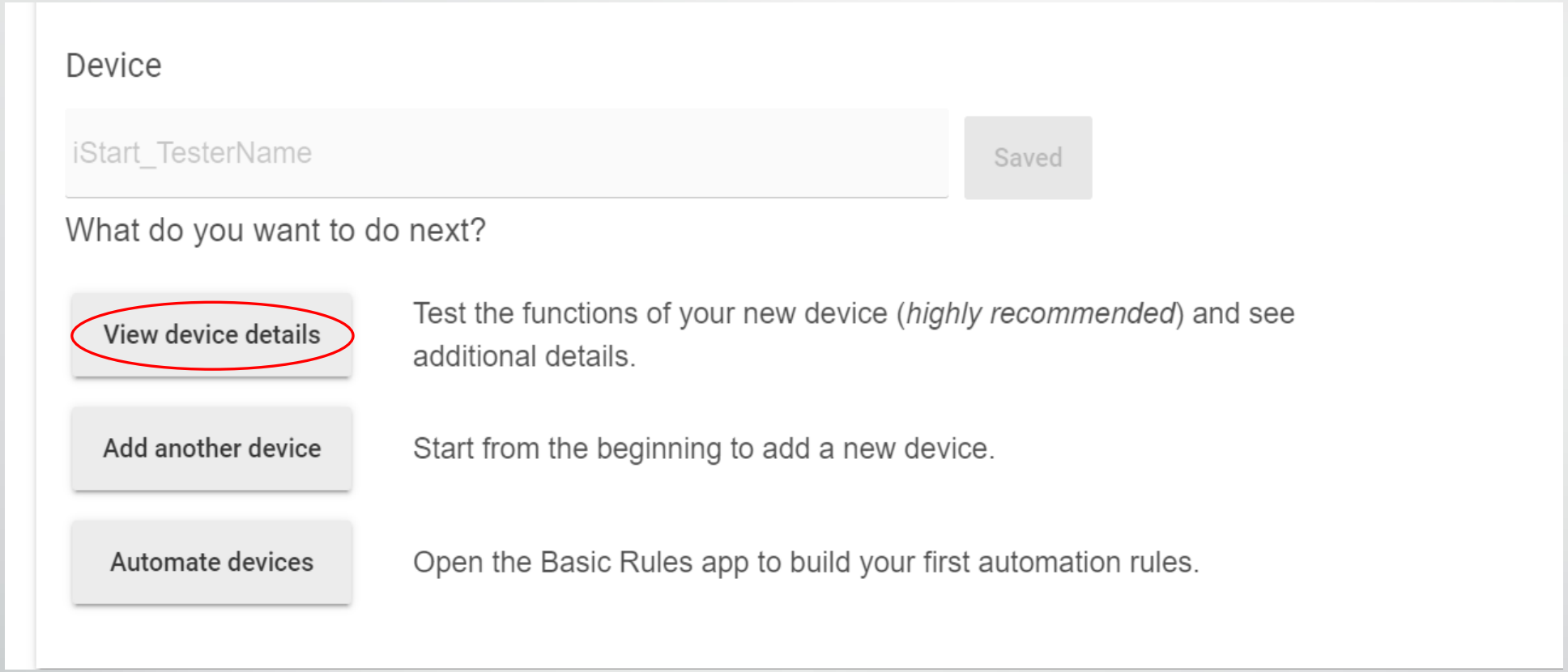



Select ‘Zigbee’ under Add device manually and then ‘Start Zigbee Pairing’ to pair relay to the Hubitat

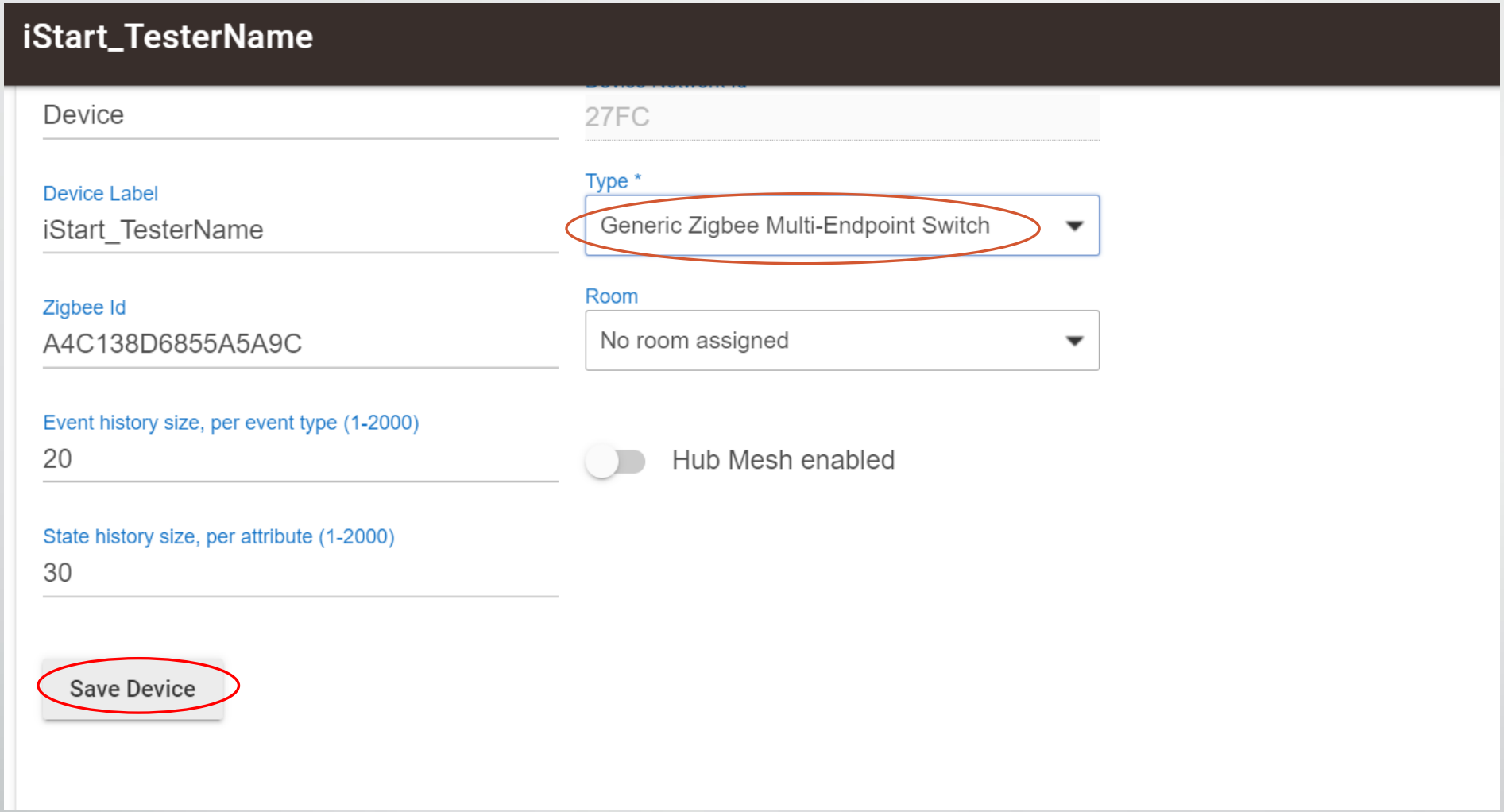



Every relay board has a unique 4 character id under it’s details section. When connecting the relay board to the hubitat, make sure to name it “<id> Relay”  ex: B953 Relay


It is recommended to print this label on the relays to distinguish boards

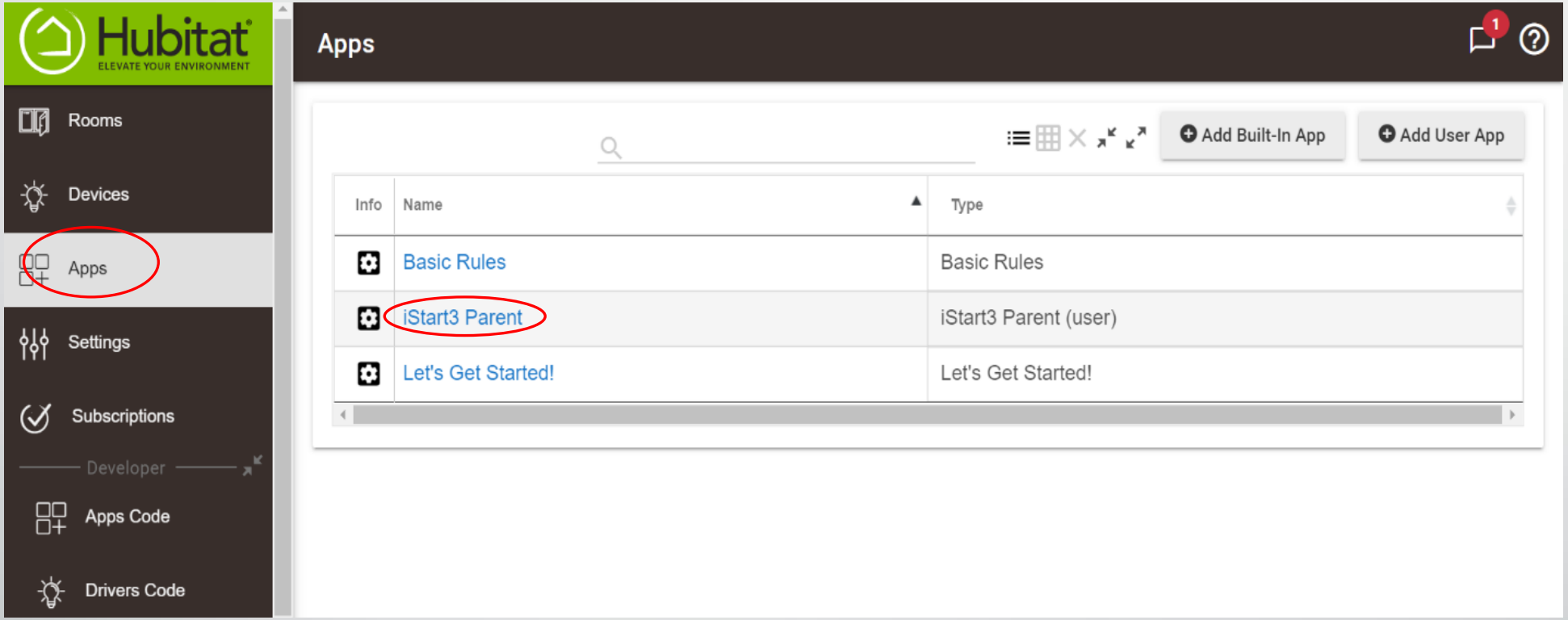



Below, select 'View device details'

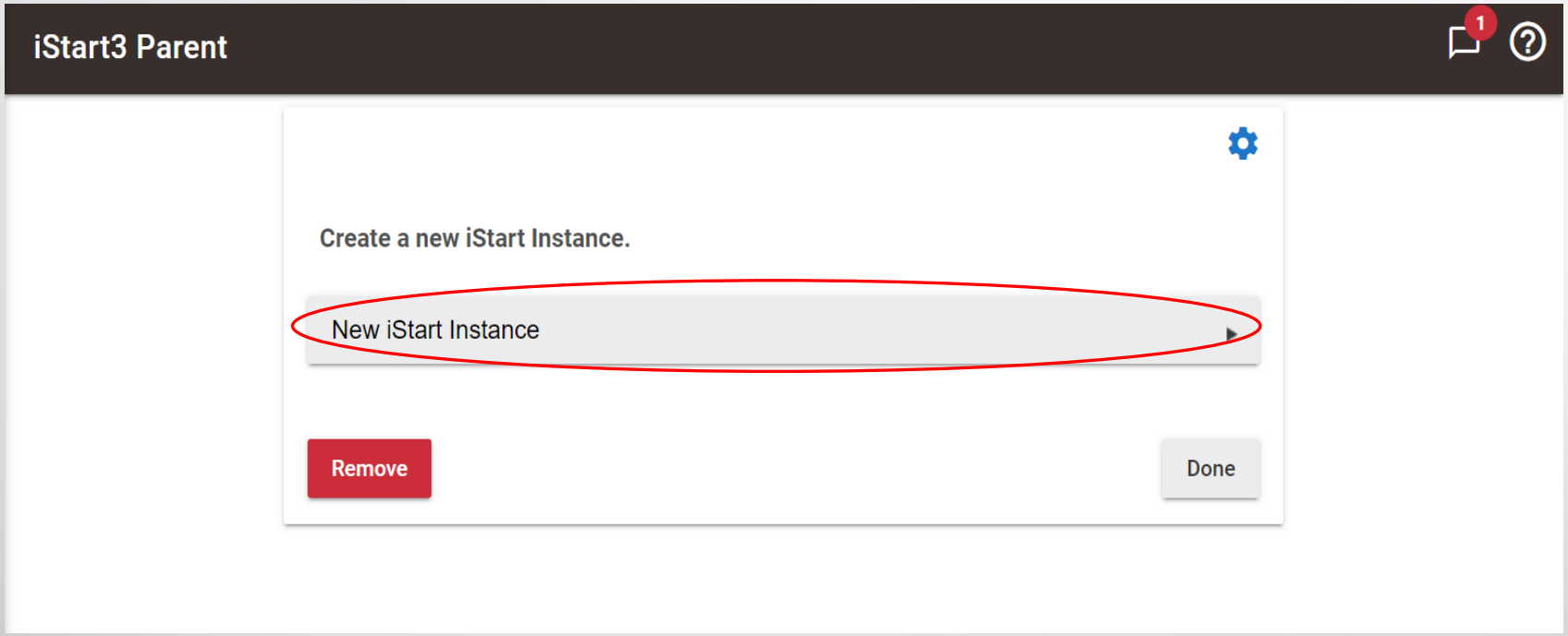



Under 'Type *' select 'Generic Zigbee Multi-Endpoint Switch' and hit 'Save Device'

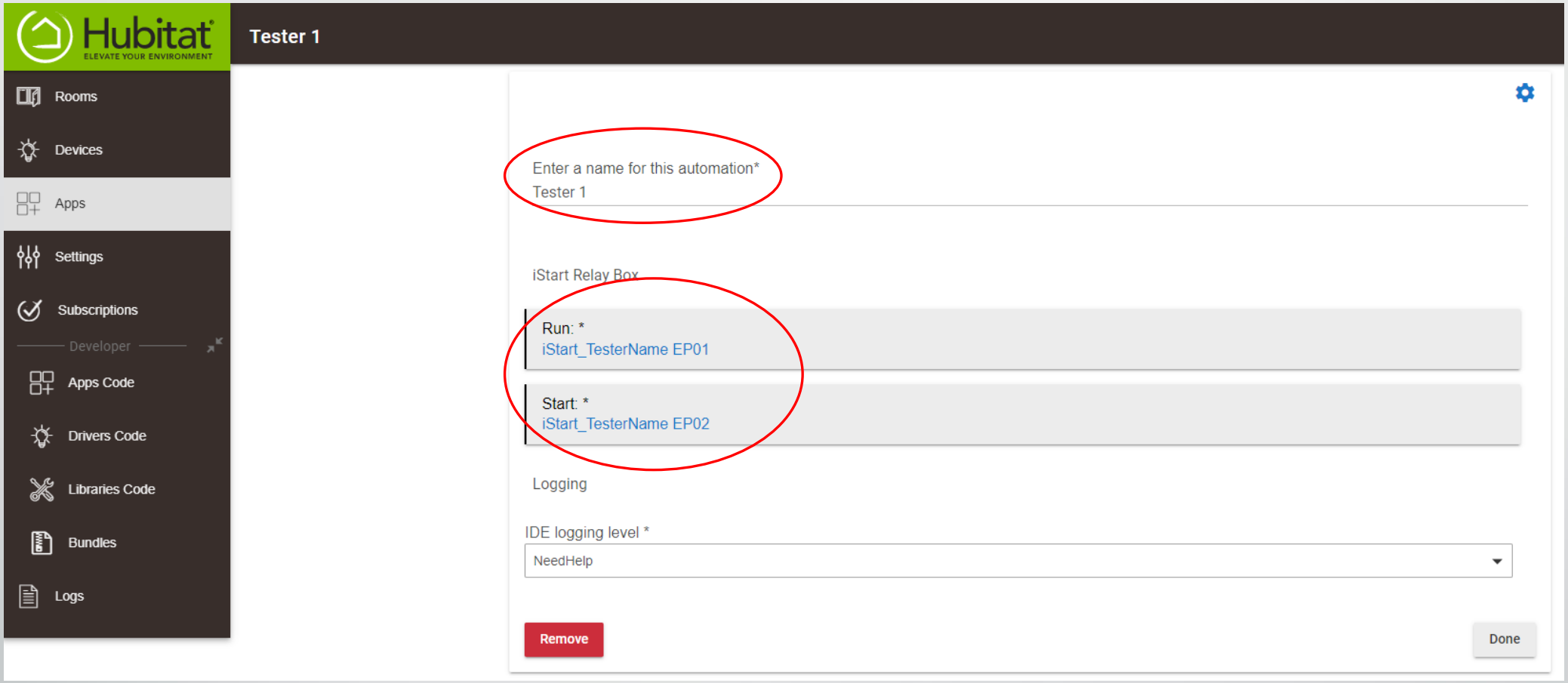
# Adding a Tester




Now, when you click on Apps on the left side, you should see your programs. Click iStart3Parent to add a child.

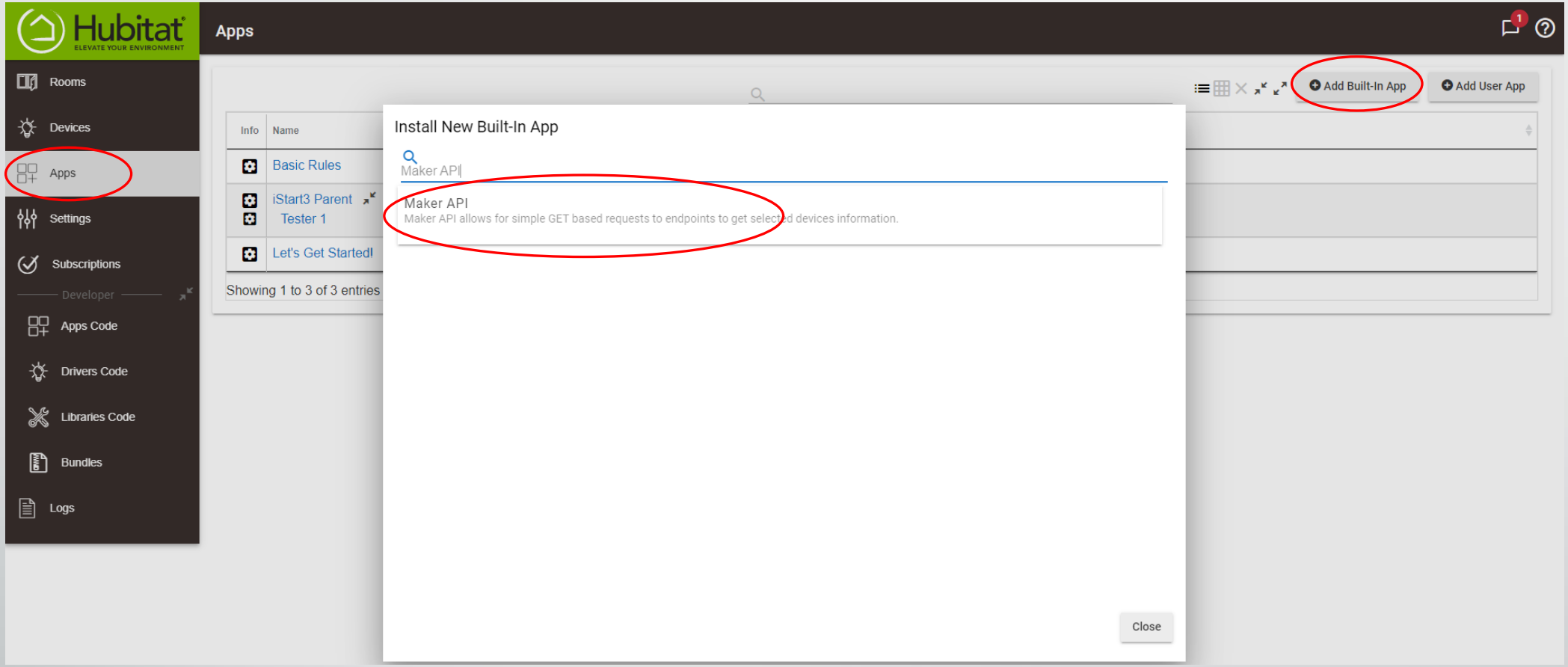



Create a new iStart Instance

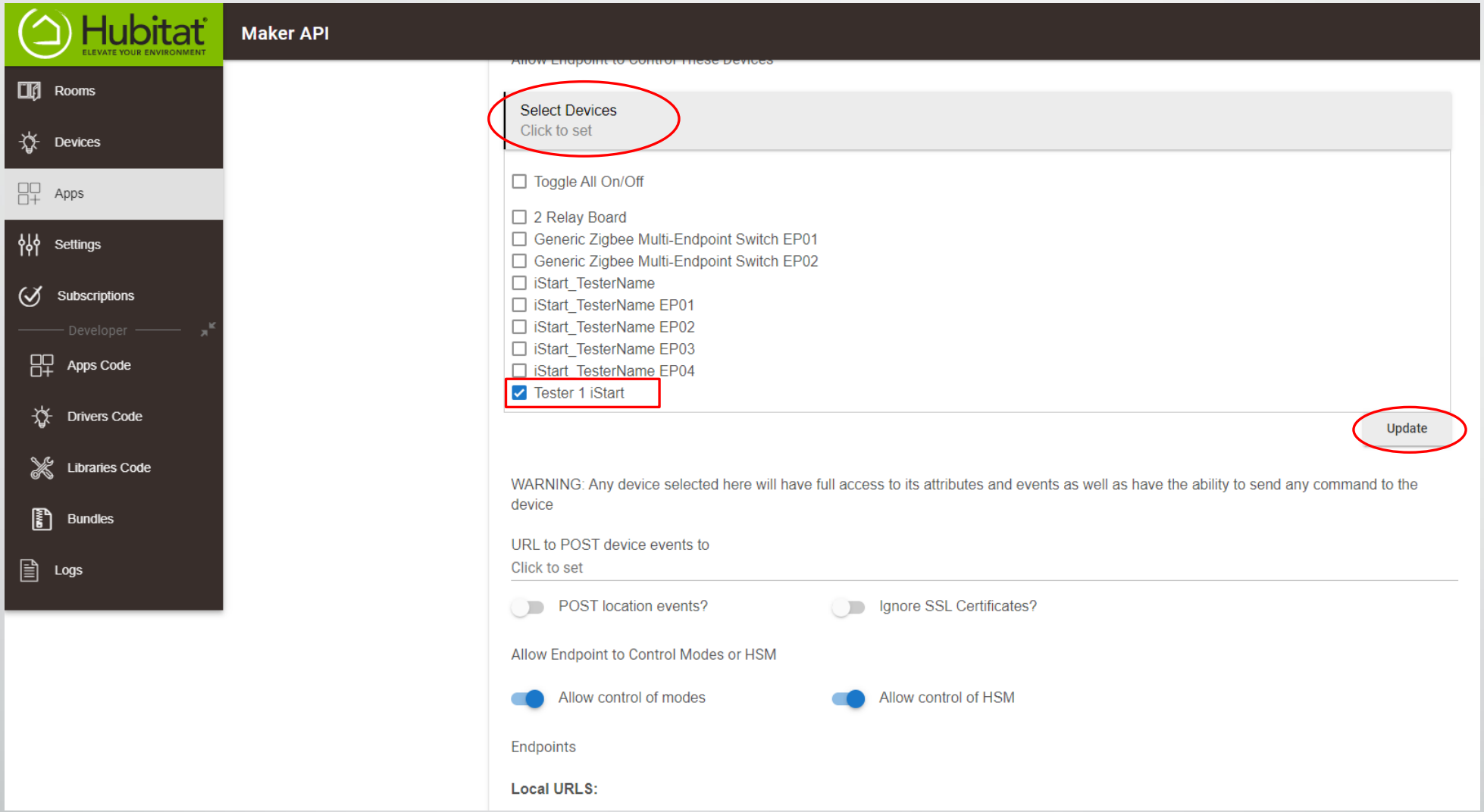



Enter a name for the automation and set ‘Run’ and ‘Start’ to their respective relays. Hit ‘done’. Repeat this process for every tester that needs to be added.

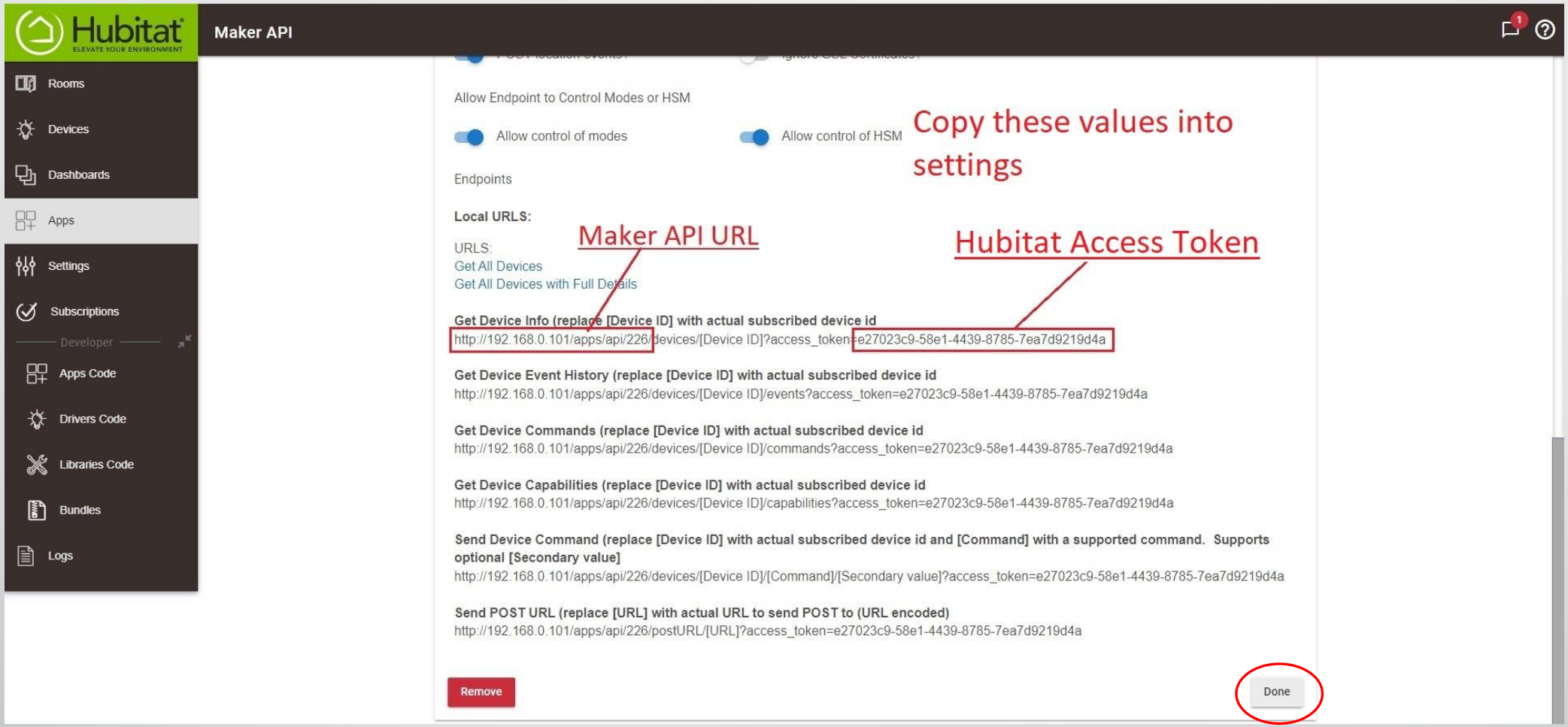
# Maker API




Clicking on the Apps tab again, you should see your newly made child app under 'iStart3Parent' . In this example: 'Tester 1' On the upper right corner click 'Add Built-In App' and search for Maker API

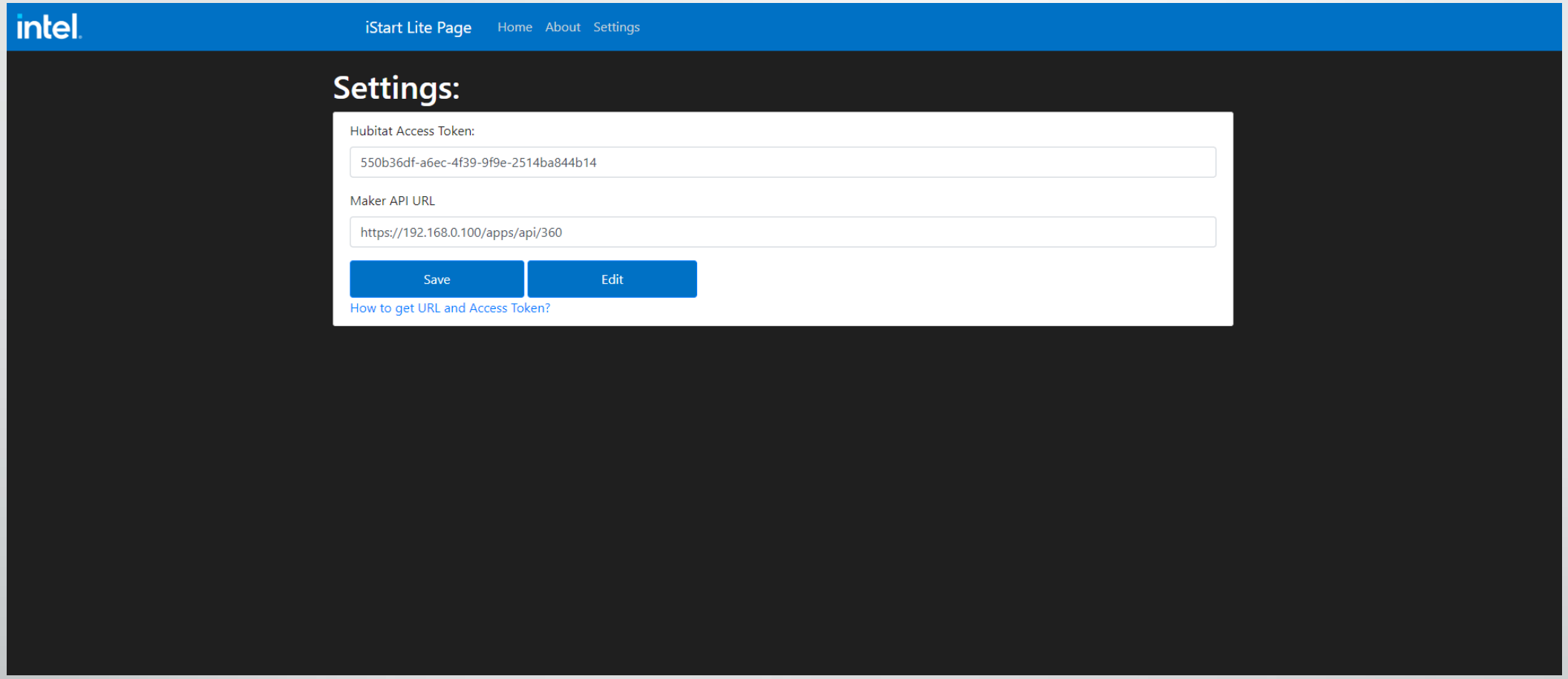



On the Maker API page, click on 'Select Devices' and choose the child app(s) you made, its device name should be followed by 'iStart' and hit 'Update'.

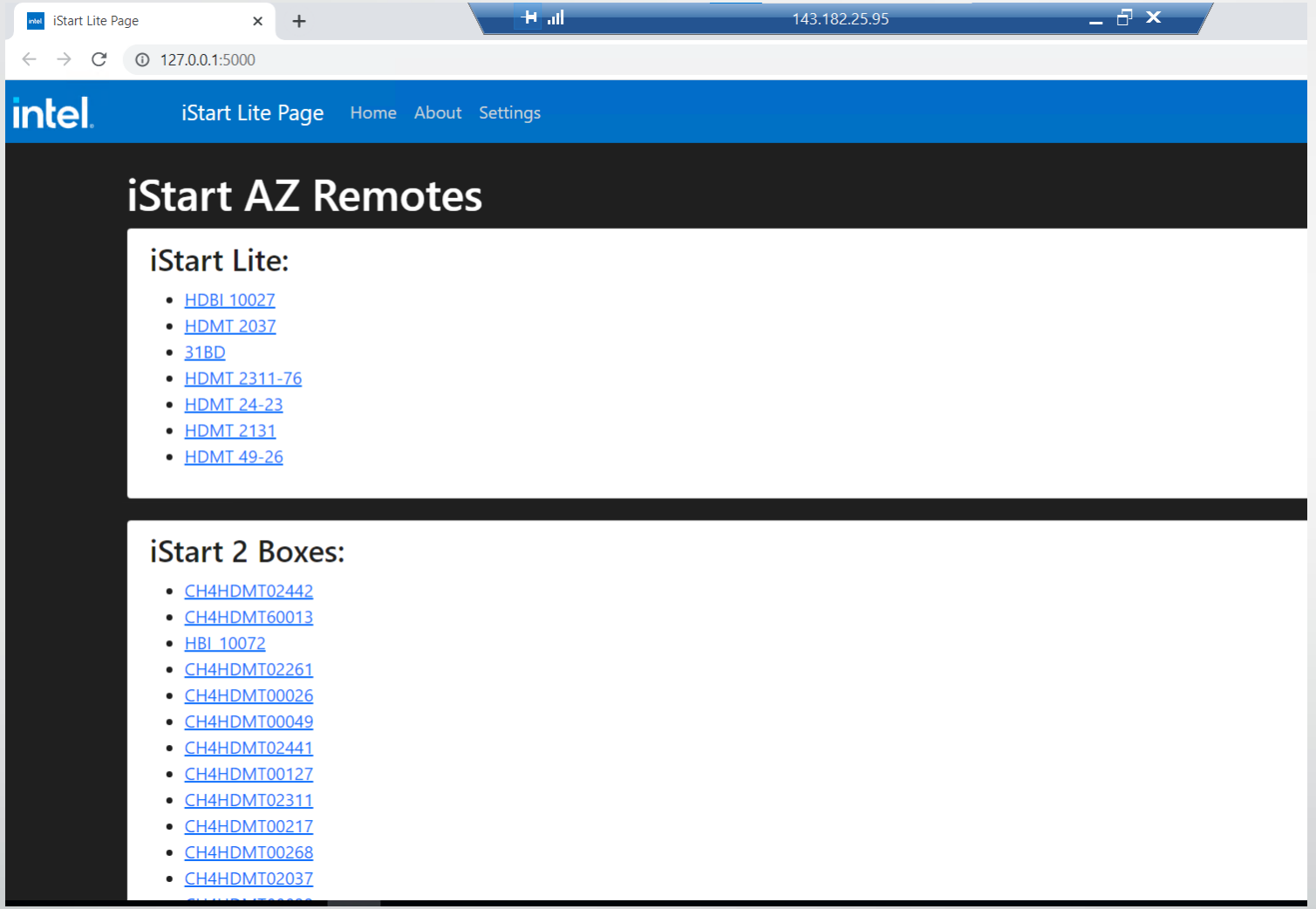



At the bottom of the page, copy the Maker API URL and Hubitat Access onto your computer or keep this page up for reference.

The access token is a long string of characters at the end of each URL. The Maker API URL should follow the format. : https://[hub-ip-address-or-hostname]/apps/api/[app-id]. Remember to hit 'done'.




Copy these values into the settings tab of the iStart Lite Page after clicking ‘Edit’ and then click ‘Save’




If you have successfully connected to MakerAPI, click home. The testers that you have configured should be linked automatically under the iStart Lite tab. Click on their links to get started.