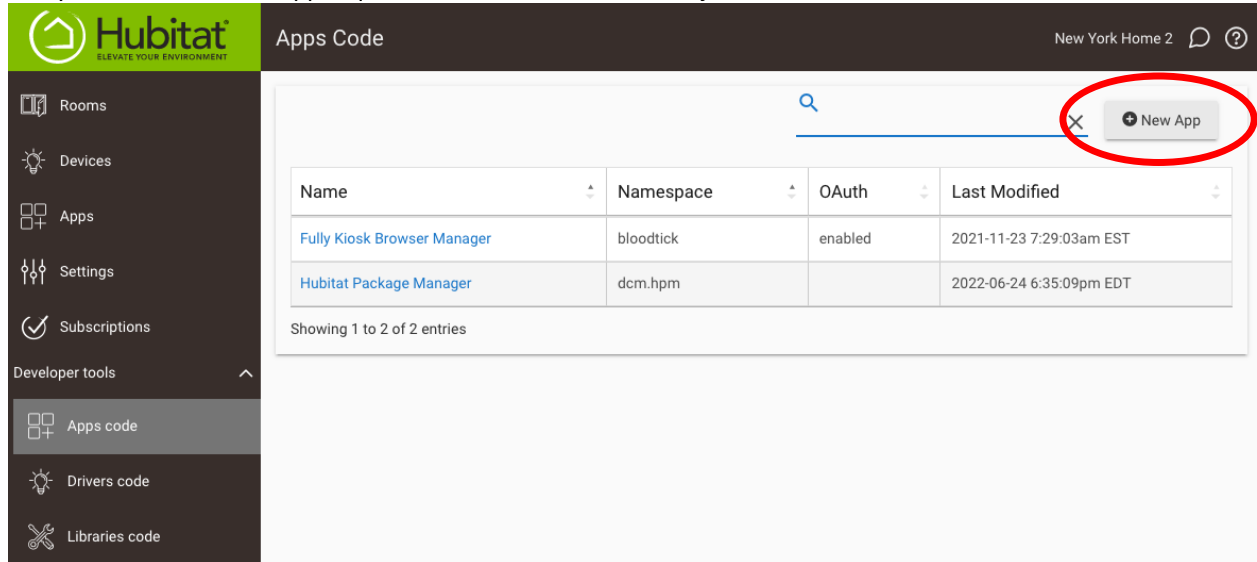The 'HubiThings Replica' SmartApp executes all actions on the Hubitat hub. The SmartThings SmartApp has no controlling logic and only controls device permissions to Hubitat.
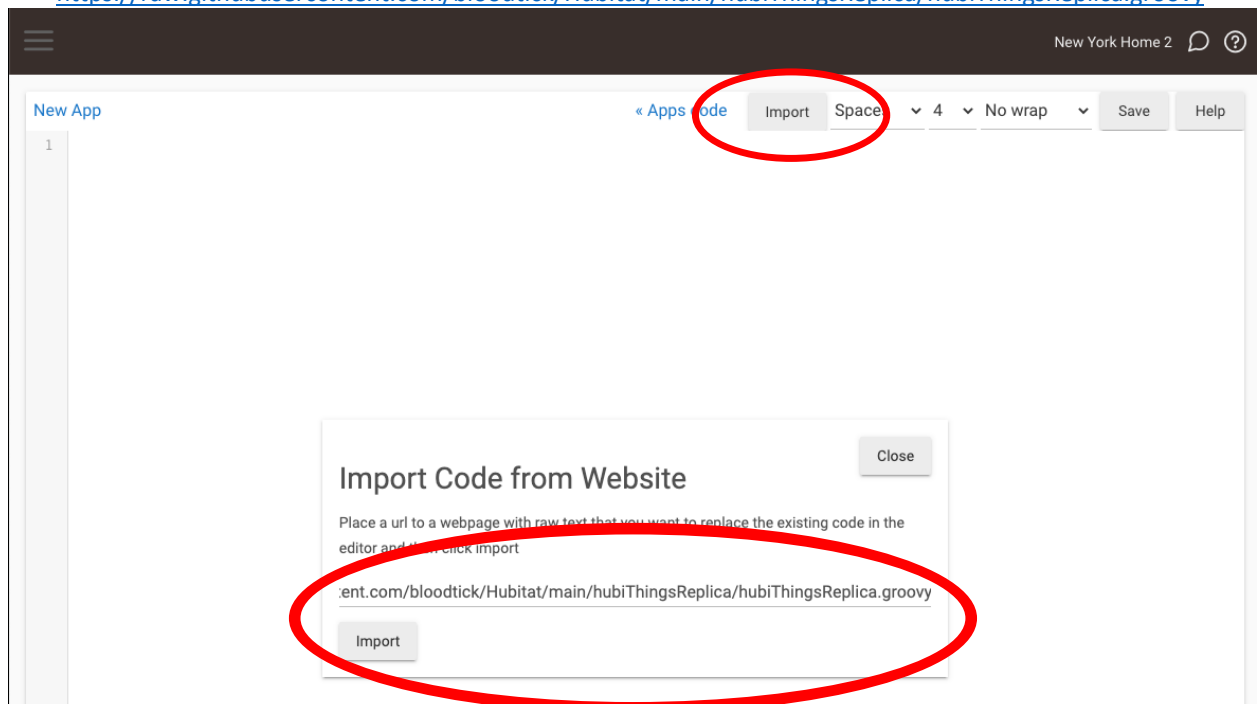
The Hubitat SmartApp sends commands directly to the SmartThings Cloud via the SmartThings SmartApp APIs and uses no other SDKs. The Hubitat SmartApp receives SmartThings response and event information via the Hubitat external endpoint HTTPS webhook.

This guide sets up that Internet communication path only and does not cover Application Configurations.

1. IMPORT SOURCE CODE: From Developer Tools->Apps Code install the 'HubiThings Replica' application code on your hub. The SmartApp requires OAuth to be enabled and just use the defaults.

2. Select "Import" and copy and paste and then select "Import" from the popup
https://raw.githubusercontent.com/bloodtick/Hubitat/main/hubiThingsReplica/hubiThingsReplica.groovy
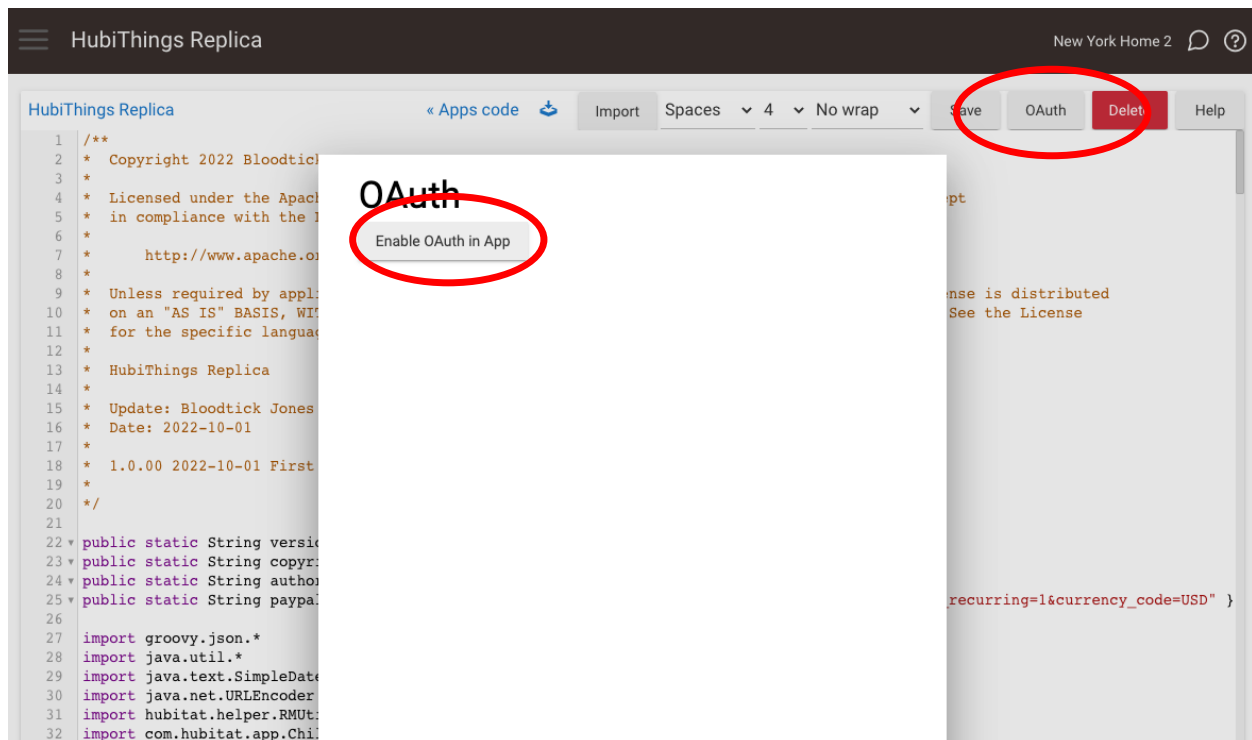
3. Select "Save" to store the code and enable the "OAuth" option. Select "OAuth" and then "Enable OAuth in App" option. Use the defaults and select Update. This completes the source code loading as shown

This completes the source code load and should look as shown here:
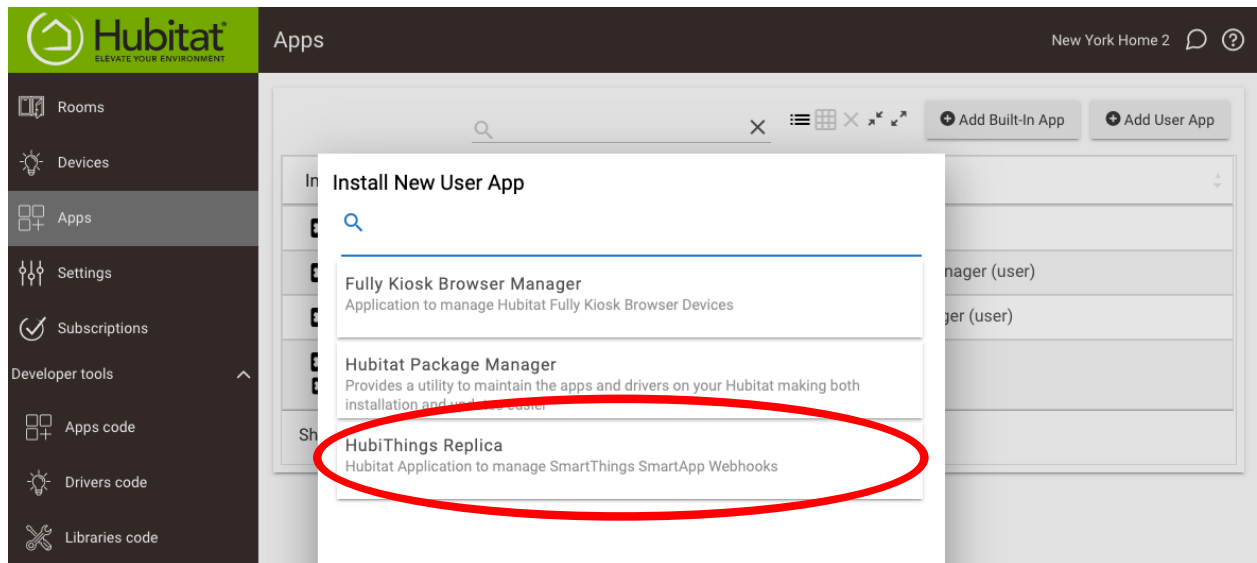

4. <u>BUILD HUBITAT SMARTAPP</u>: From Apps->Add User App. Select "HubiThings Replica" and then select "Done" to finish building the Hubitat SmartApp.
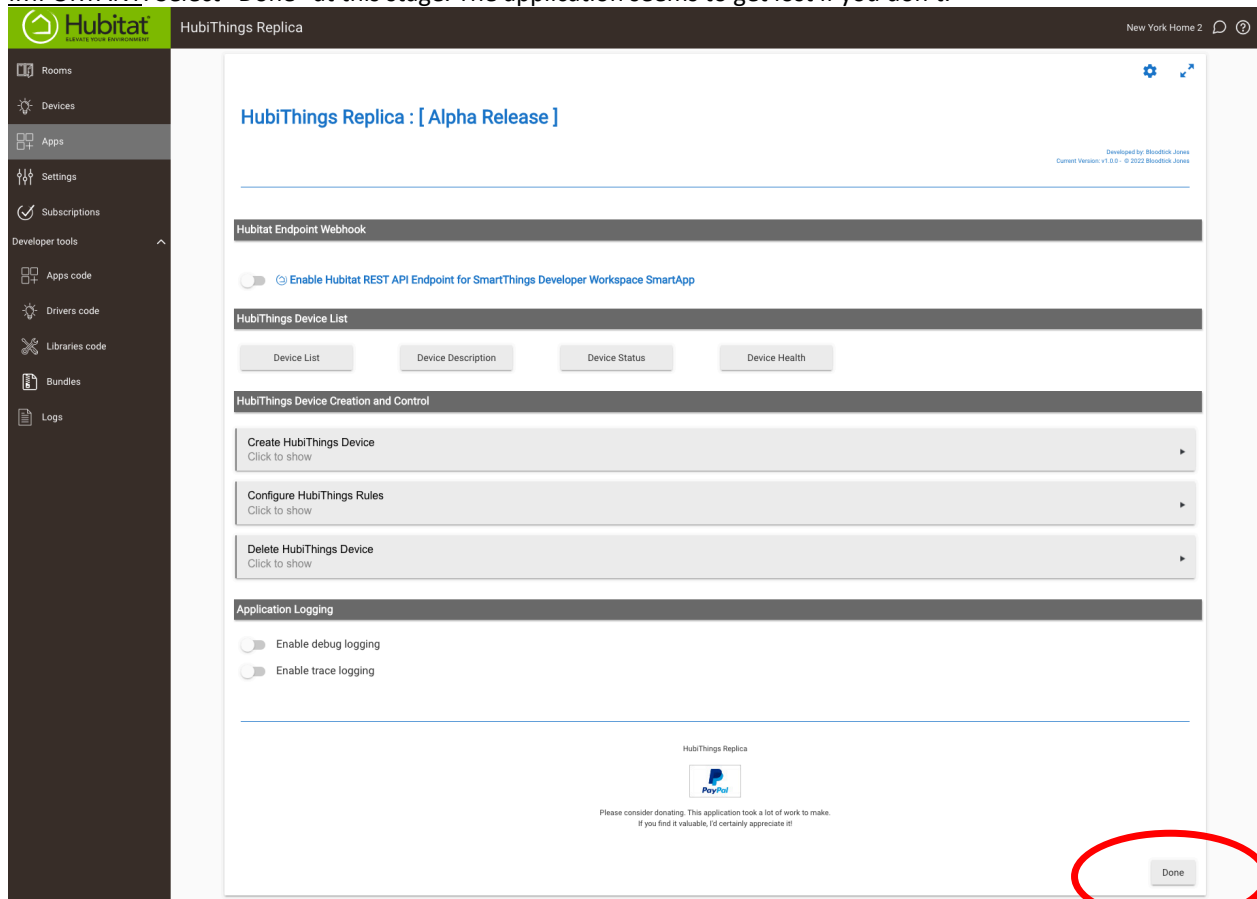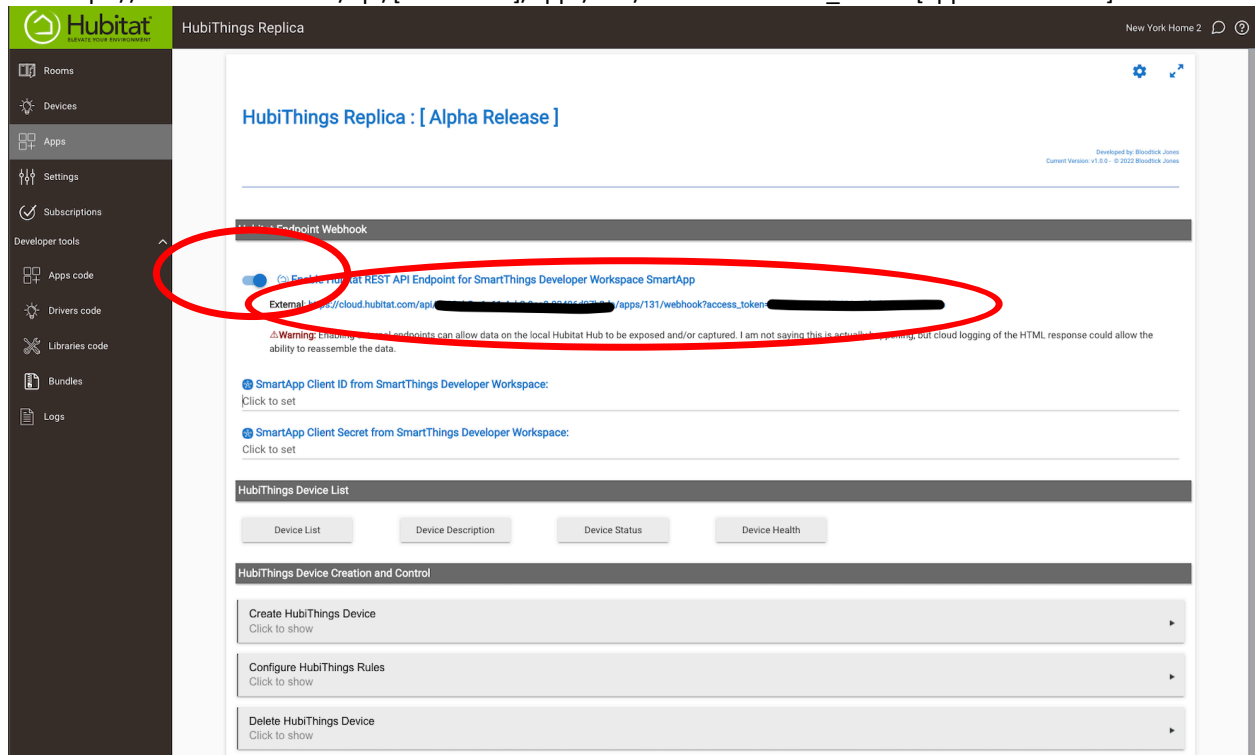
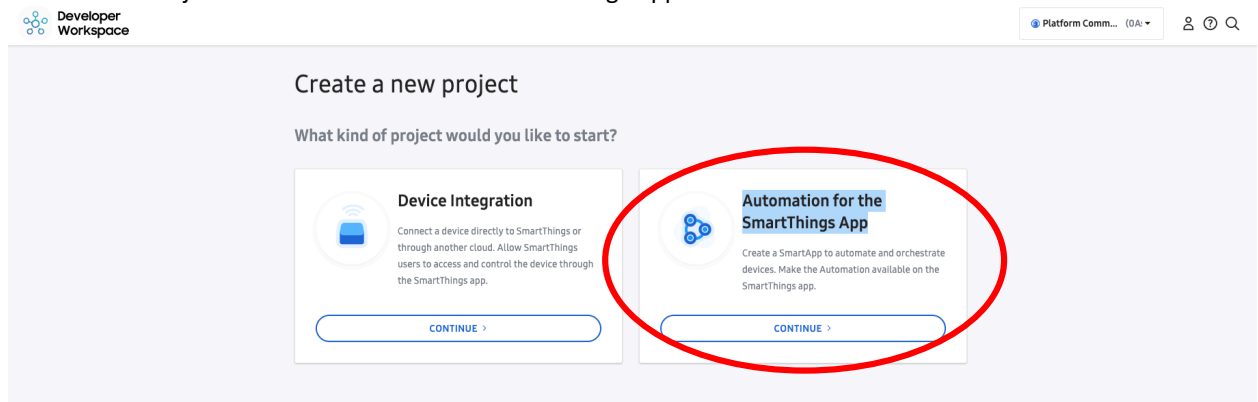IMPORTANT: Select "Done" at this stage. The application seems to get lost if you don't.

5. <u>ENABLE HUBITAT WEBHOOK</u>. Go back and open the Application and select "Enable Hubitat REST API". You will be able to 'click on the restpoint' to copy from URL. <u>This is required in the SmartThings application</u>. It should look something like:

https://cloud.hubitat.com/api/[hub-token]/apps/131/webhook?access_token=[applicationtoken]

6. <u>BUILD SMARTHING SMARTAPP</u>: Sign into the Developers Workspace and build a new project.
https://smartthings.developer.samsung.com/workspace

Select "New Project" -> "Automation for the SmartThings App"

Give your project automation a name, this can be anything, but suggest using 'HubiThings Replica'

Select 'Register App'

Select "WebHook Endpoint" and "Next"

Copy your Hubitat Endpoint to the Target URL. This is how SmartThings responds to the Hubitat Application

Input 'App Display a Name' and 'Description' and 'select all permissions'. (This will allow for future features) The name can be anything but suggest using 'HubiThings Replica' and 'Mirror SmartThings and Hubitat Devices'. Then select 'Next' and 'Save' (no Advanced Settings):

After you select 'Save' you will get your client ID & Secret. Copy these and paste them into the Hubitat application. Note: These are ONLY used to refresh the SmartThings auth token which expires every 24 hours.

Go back to the SmartThings and select App Registration. This tests the communication path between the SmartThings SmartApp and the Hubitat SmartApp.

If everything works, you should get the "Deploy to Test" button enabled. Select and deploy

This completes bi-directional setup between the Hubitat Hub and the SmartThings Hub. ☺