ALTHue Philips Hue plugin

- Alternate implementation of Philips Hue plugin
- Supports v2 bridges
- Manage Hue devices exactly like VERA devices
- Supports all lamps, Support Hue Motion sensor
- UI7 and ALTUI support (UI5 support is limited for now, known issues: RGB wont work & Hue plugin icon is not showing up)
- Multiple instance of plugin (for different HUE brige) is supposed
- Some user are using it against a RaspBee Zigbee module, running deCONZ API (compatible Hue)

Why another one

- More reliable
- Supports motion sensor, temp sensor, lux sensor & battery
- Code less ugly and messy
- All devices appear strictly as standard vera devices, supporting same service/variable, same Upnp actions

Lets jump into it

Chapitre 1 Installing the plugin

Prerequisite : your Philips Hue Hub is installed, connected and works fine to command devices

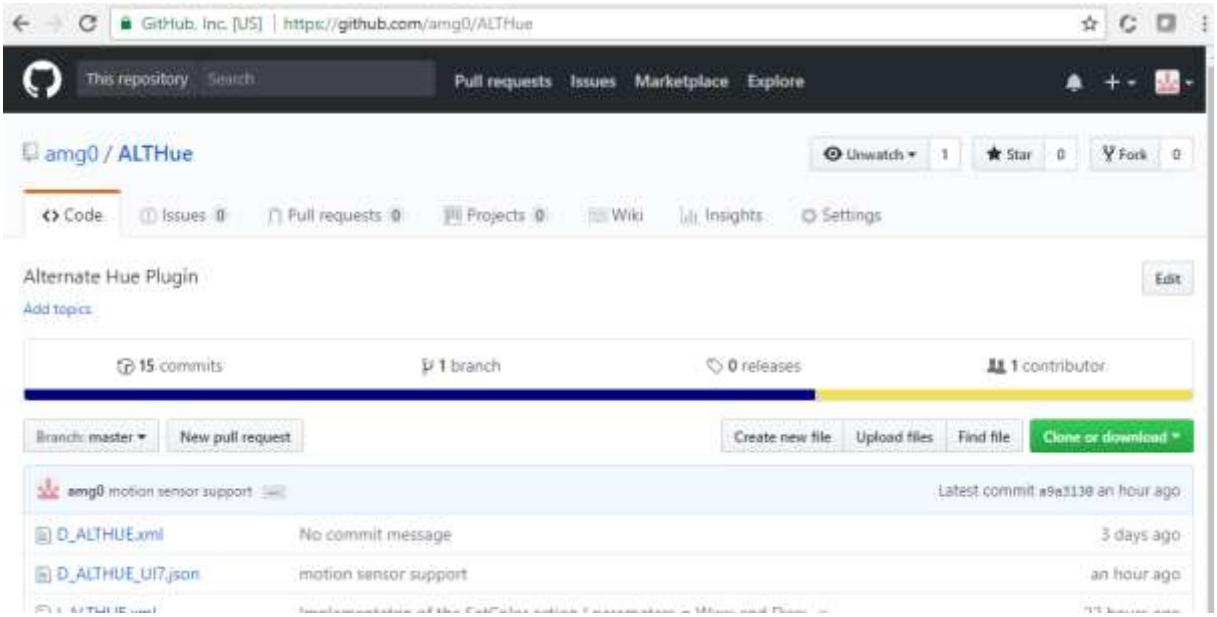
Method 1 : Install from MCV store

Open a browser and type open this url , ignore the error message reported and let VERA reload a couple of times

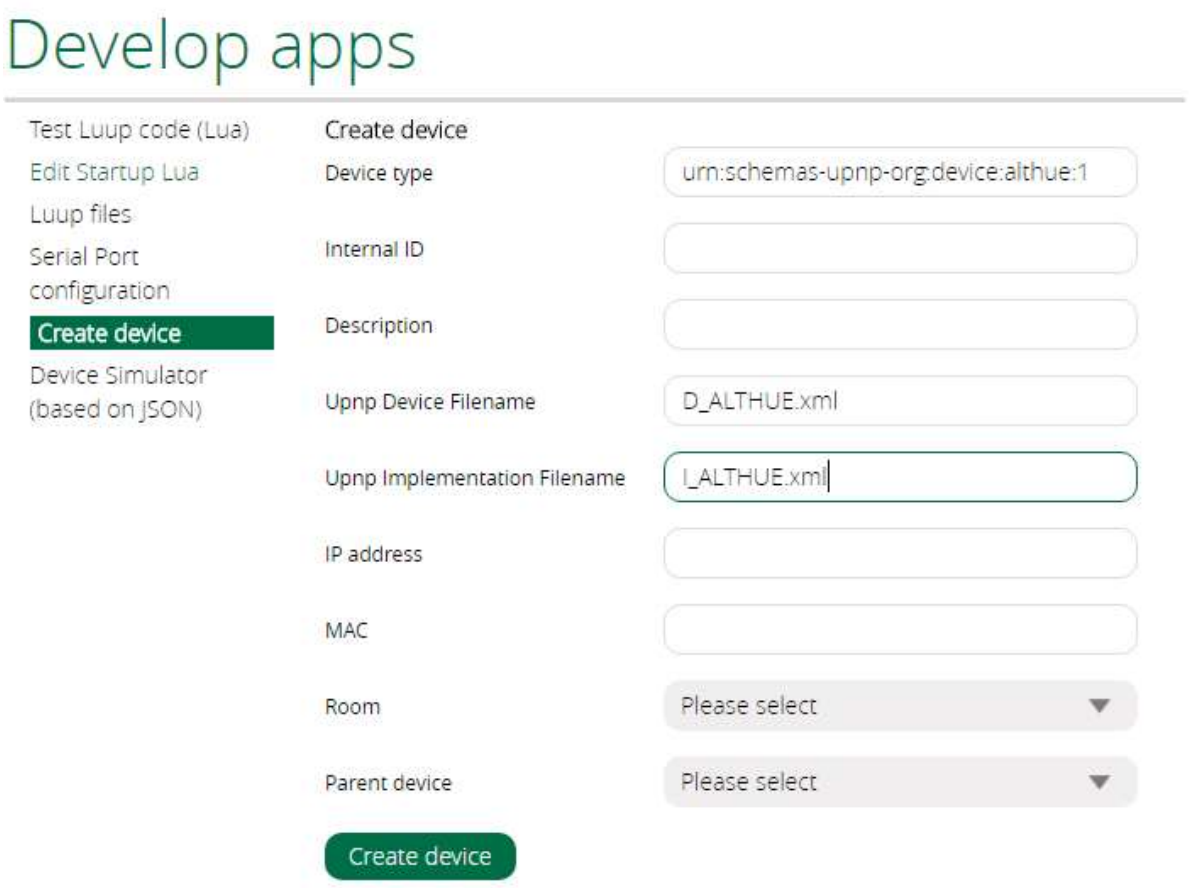
- http://<ip>:3480/data_request?id=action&serviceId=urn:micasaverde-com:serviceId:HomeAutomationGateway1&action=CreatePlugin&PluginNum=9066&Version=36104

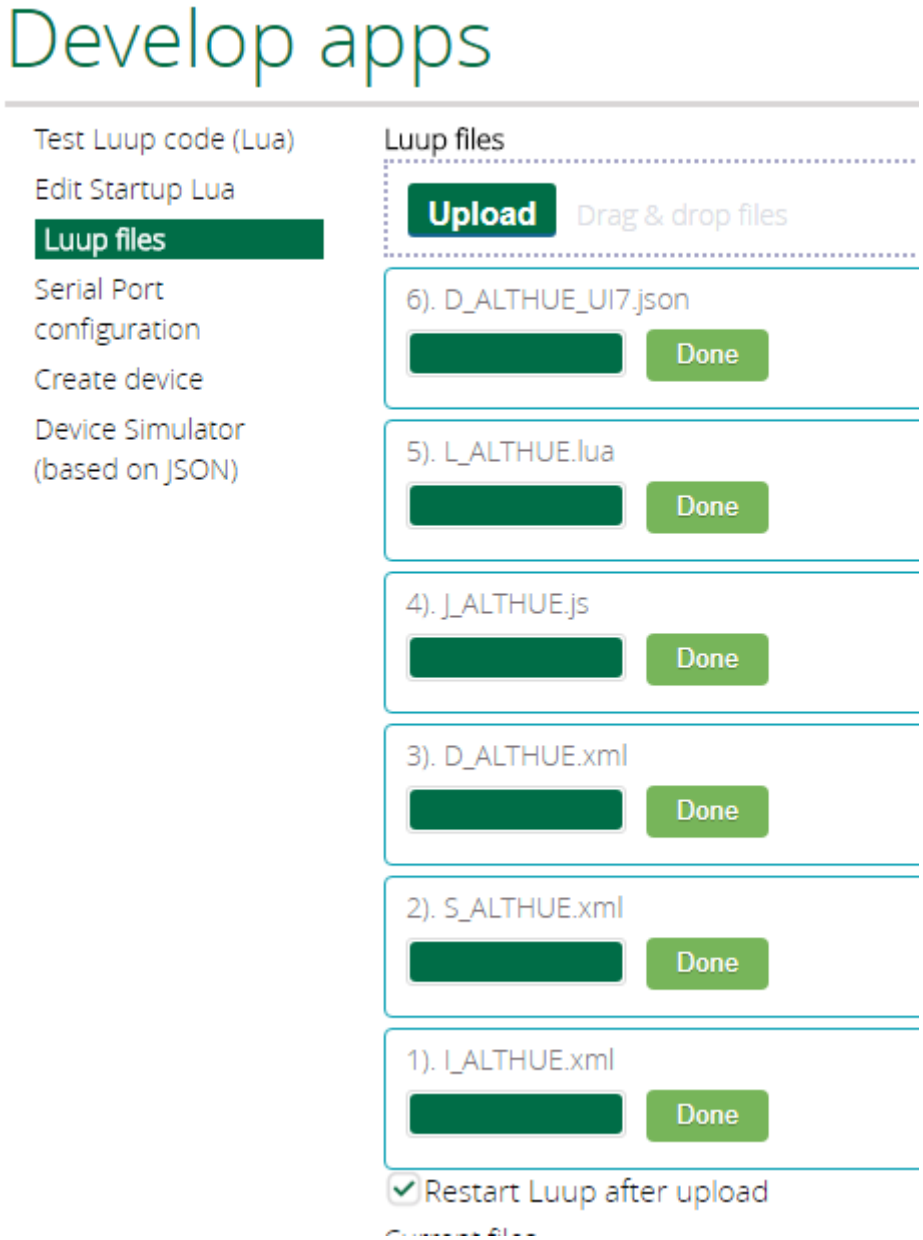
Method2 : install from Github

1)download files from https://github.com/amg0/ALTHue

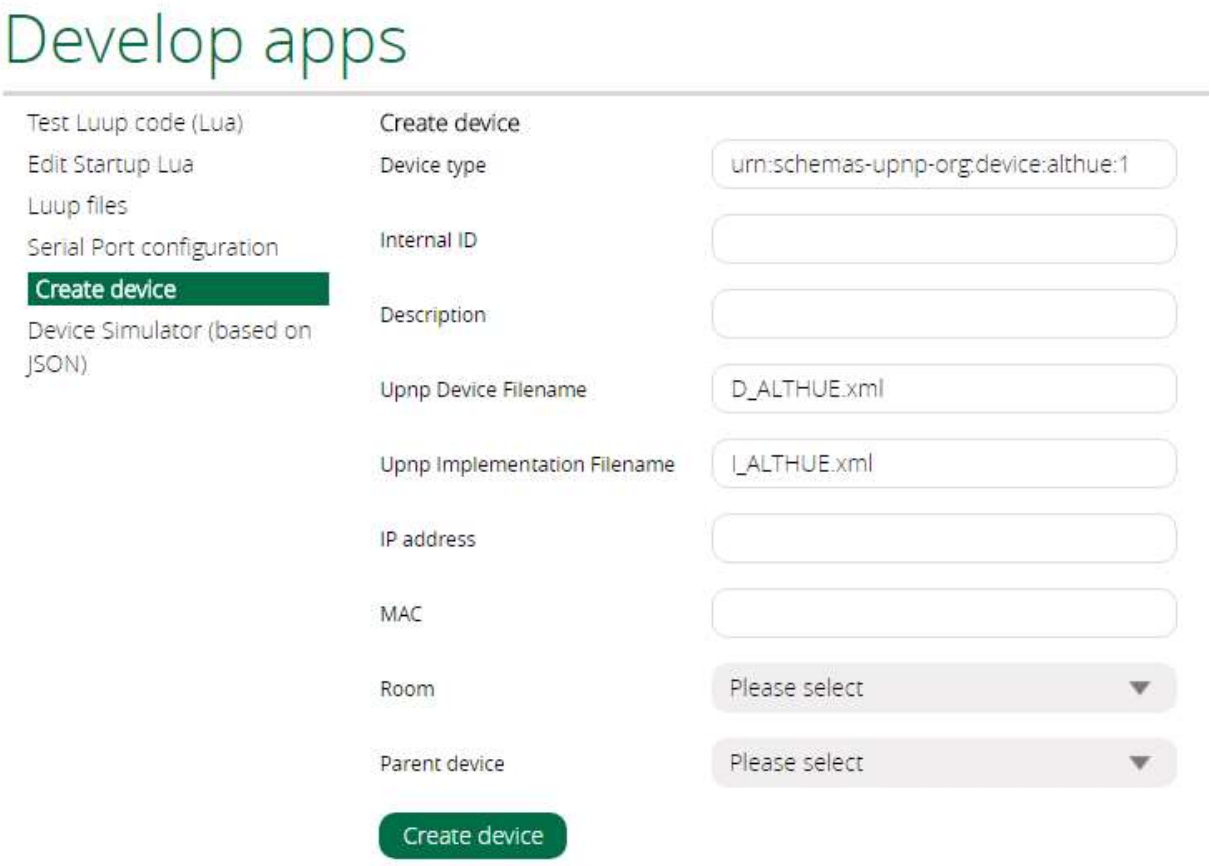


2)upload them in VERA and enable reload of luup after

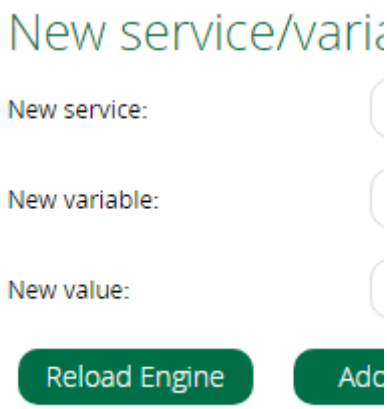




3)create a device manually



4) reload the engine

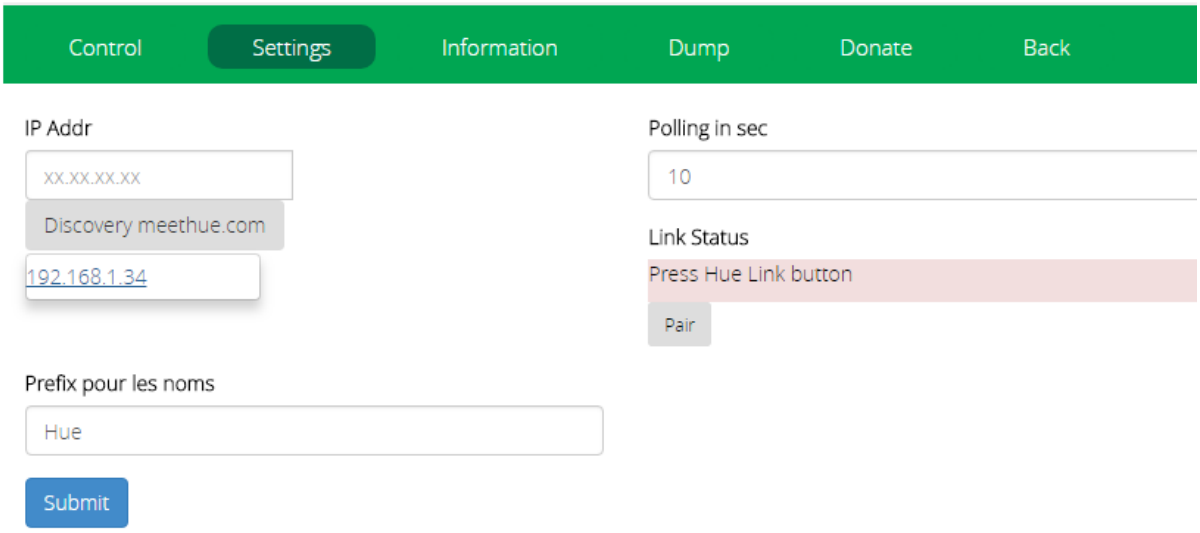


Chapitre 2 Configuring the plugin

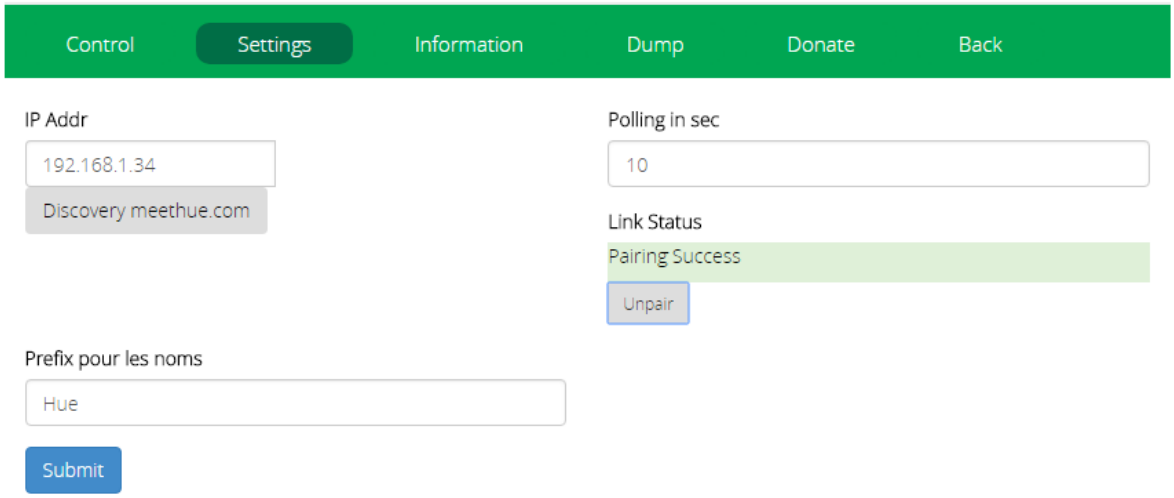
1) You should have an error message in the UI7

And find your device in “error” mode in the list of devices

2) You need to configure the IP address of the Philips Hub. For this you go into settings tab and either enter IP address or select it from the proposed discovered ones



3) Set IP address and click submit. Wait for the luup reload to happen
4) Now the Pairing with the Hue device must be done. You will have 30 seconds to press on the central big button of the Hue hub , then click on the “Pair” button of the settings screen. Once everything is ok , you should get that confirmation on the screen:



The variable Credentials will contain the User ID given to you by Philips Hub and which appear in the whitelist of users in the Philips Hub configuration

5) Force a engine reload again. Since many children devices will be created there could be several reloads of the engine, be patient and refresh your browser page. You should be rewarded by a working plugin

Chapitre 3 Playing with the plugin

In the plugin settings Information page, you find a list of your Light and Sensor devices. The Dump page is for debug and gives you the full bridge JSON structure.

Control | Settings | Information | Dump | Donate | Back

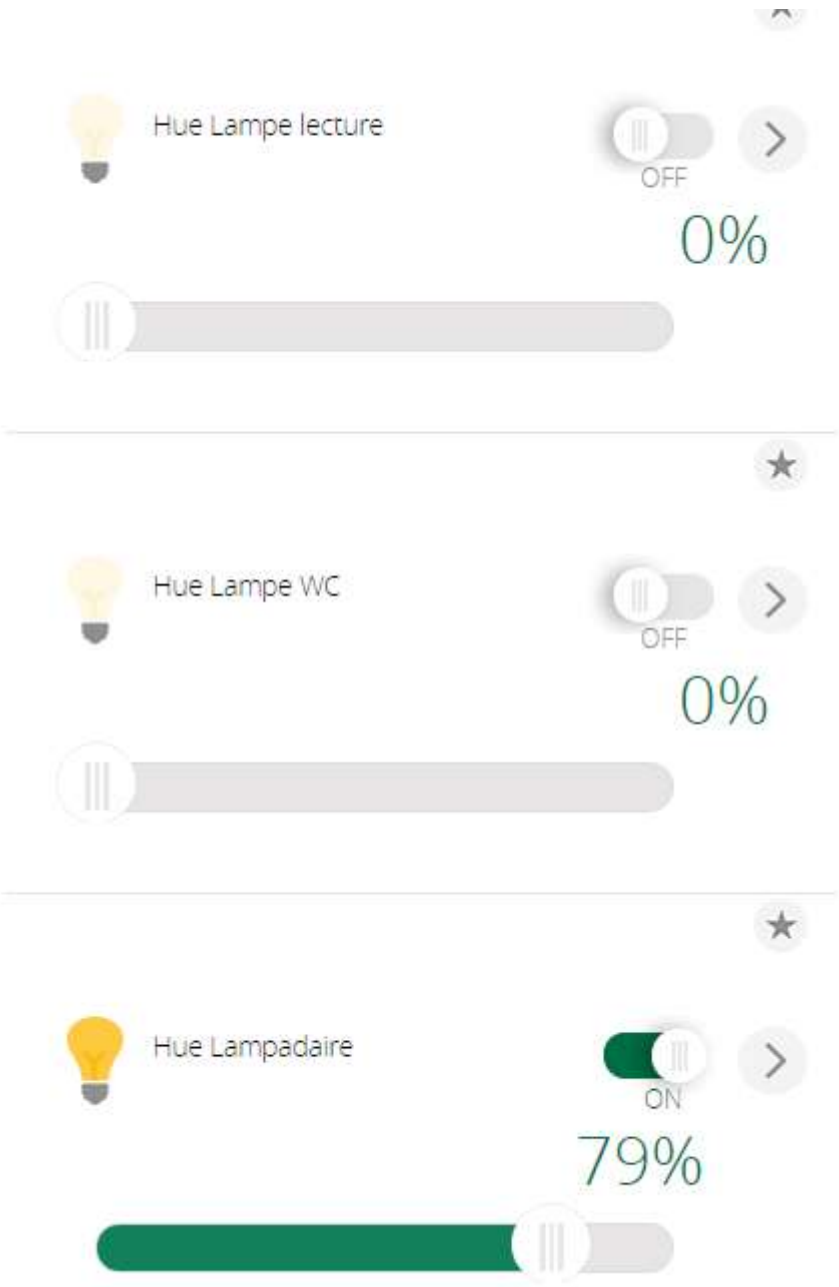
My Hue Lights

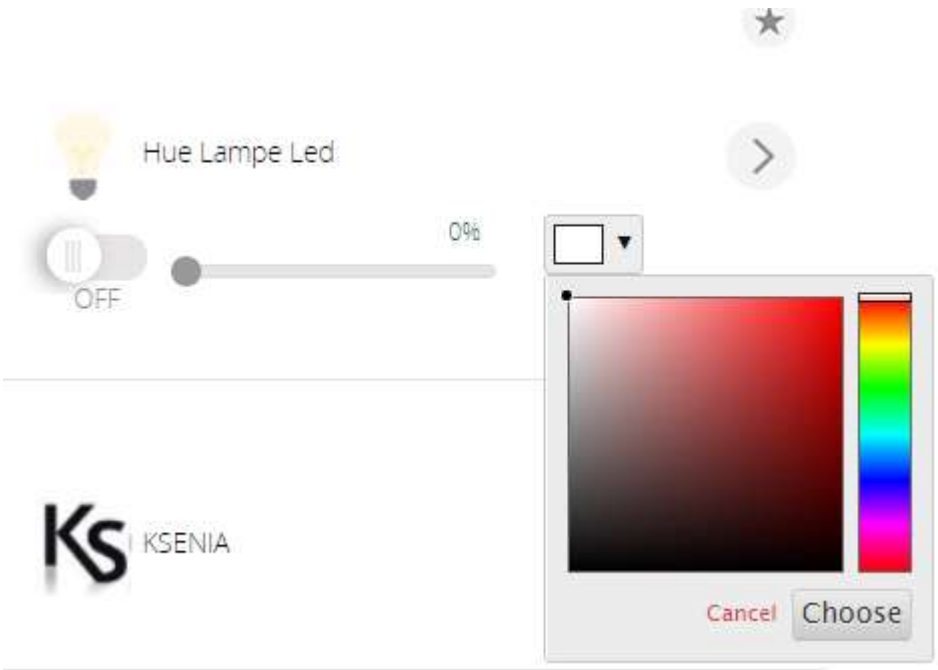
Id	Type	Name	Manufacturer	Model	Swversion	Reachable
1	Dimmable light	Lampe lecture	Philips	LWB010	1.29.0_r21169	true
2	Extended color light	Lampe Led	Philips	LST002	5.105.0.21169	true
3	Color temperature light	Lampadaire	Philips	LTW001	5.105.0.21536	true
4	Dimmable light	Lampe WC	Philips	LWB010	1.29.0_r21169	true

My Hue Sensors

Id	Type	Name	Manufacturer	Model	Swversion	Lastupdated
1	Daylight	Daylight	Philips	PHDL00	1.0	2018-03-28T17:29:00
2	ZLLTemperature	Hue temperature sensor 1	Philips	SML001	6.1.0.18912	2018-03-28T19:48:33
3	ZLLPresence	capteur WC Parent	Philips	SML001	6.1.0.18912	2018-03-28T13:23:22
4	ZLLLightLevel	Hue ambient light sensor 1	Philips	SML001	6.1.0.18912	2018-03-28T19:47:45
5	CLIPGenericStatus	MotionSensor 3.Companion	Philips	PHA_STATE	1.0	2018-03-28T13:26:07
6	CLIPGenericFlag	Je commence a 9h	Philips	WAKEUP	1.0	none
7	CLIPGenericFlag	Go to sleep	Philips	GOTOSLEEP	A_1	none
8	CLIPGenericFlag	Timer.companion	Philips	PHA_CTRL_START	1.0	none
9	CLIPGenericFlag	Go to sleep	Philips	GOTOSLEEP	A_1	none
10	CLIPGenericFlag	Réveil 6h	Philips	WAKEUP	1.0	2018-03-27T03:50:00
11	CLIPGenericFlag	Réveil 10h	Philips	WAKEUP	1.0	2018-03-24T06:50:00
12	CLIPGenericFlag	Go to sleep	Philips	GOTOSLEEP	A_1	2018-03-26T20:11:00
13	CLIPGenericFlag	Timer.companion	Philips	PHA_CTRL_START	1.0	2018-03-26T20:22:37

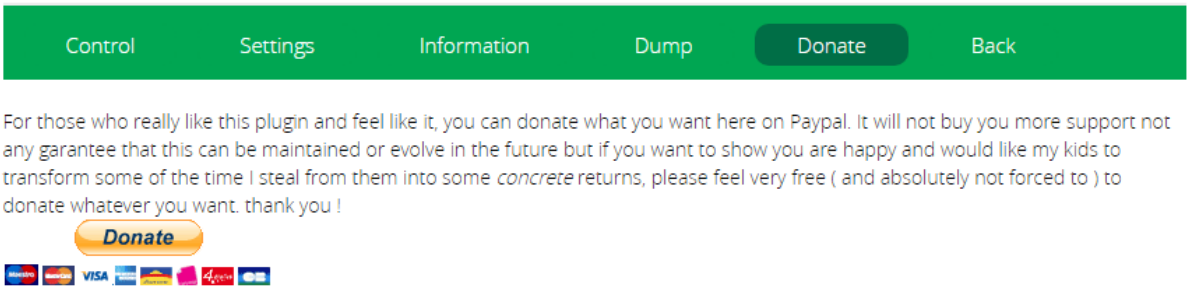
6) All devices must have been created. Either as a standard Dimmer device, or as a standard RGB Dimmer device. The Hue motion sensor contains temp and lux sensor so 3 devices are created as std motion sensor, Lux sensor and temp sensor. These devices can be used in vera scenes



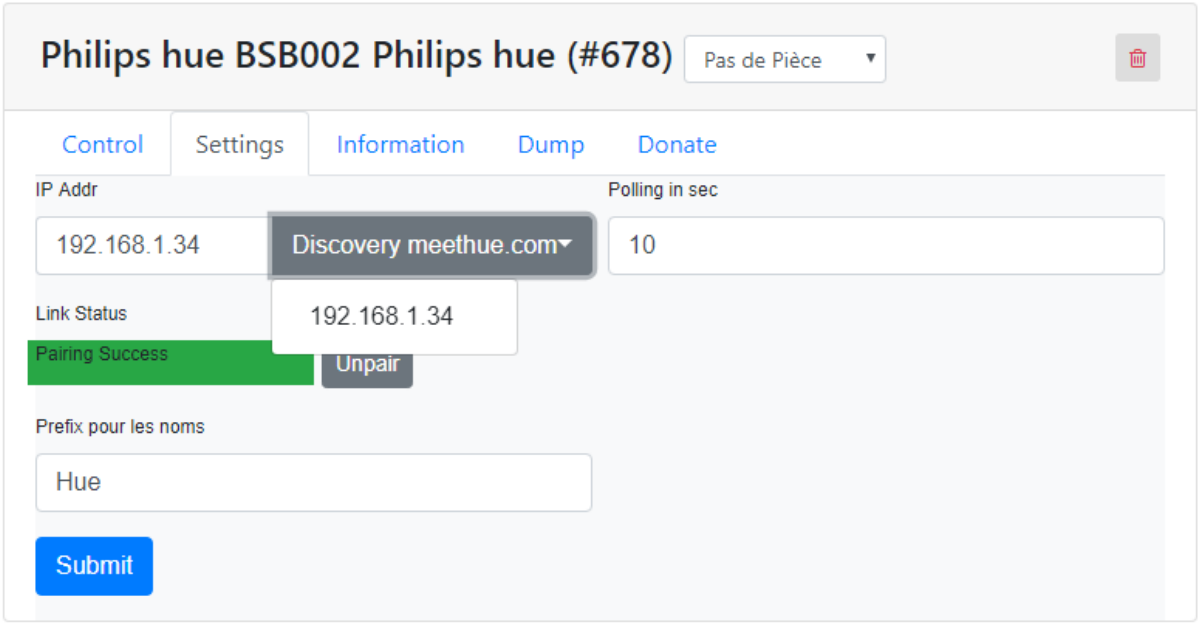


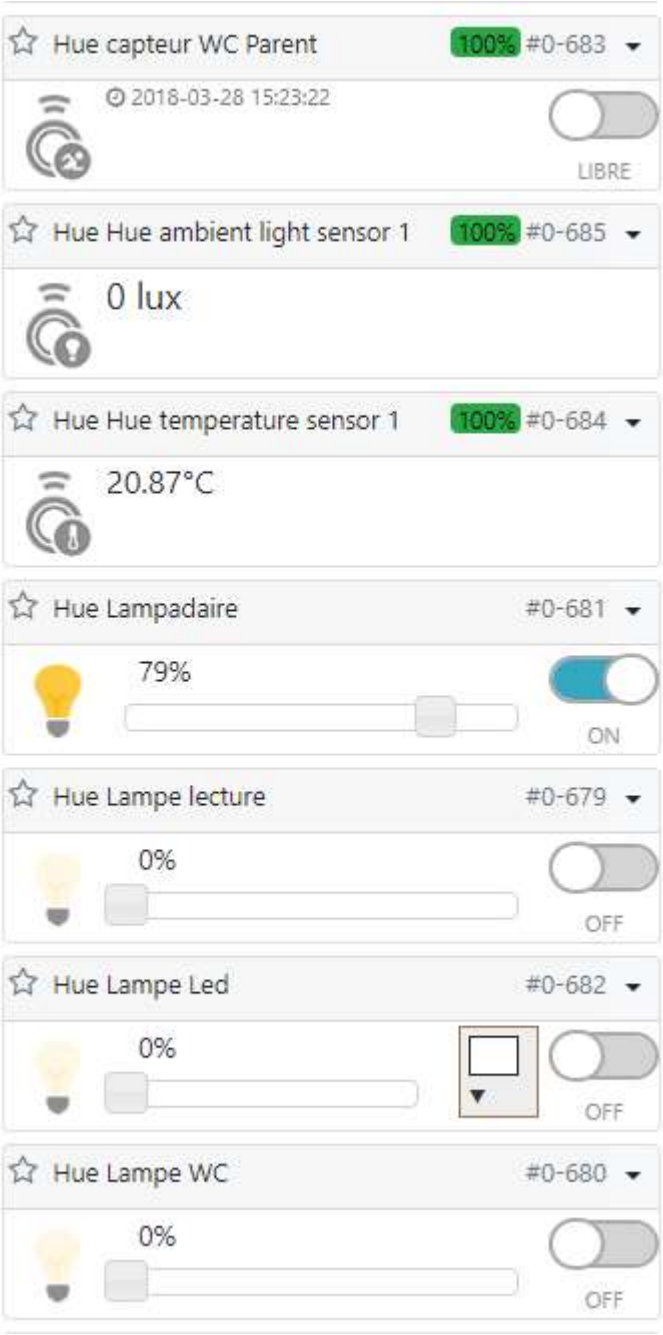
The battery information is also collected:

7) Support this development and use the Donate settings page at your convenience



8) Full ALTUI support is also granted


Philips hue BSB002 Philips hue (#678)
Pas de Pièce
Control
Settings
Information
Dump
Donate
IP Addr
Polling in sec
192.168.1.34
Discovery meethue.com
10
192.168.1.34
Link Status
Pairing Success
Unpair
Prefix pour les noms
Hue
Submit



Chapitre 4 Using Philips Hue Scenes

From the Hue scene setting tab you can see and run any Hue Bridge scenes.

If you hover the mouse over the scene name you will get a unique Hue ID which can be useful if you want to trigger a Hue scene directly from a VERA scene action list. To do this, you use the VERA scene editor in advanced mode, select the Hue plugin and the RunHueScene UPNP action. It will need the unique Hue ID you got above as a parameter as shown herebelow