Lutron Module Variables

Quick Reference Guide for Compass Navigator

Compass ID vs Lutron Integration ID

- Compass IDs start at 1 and usually end at the number of dimmers/switches in the system
- Lutron Integration ID can start at any number depending on the Lutron Programming done in RadioRa2/HomeWorks.

Lutron IDs corresponding to the Compass IDs can be found in the "Init" Function of the Lutron Module Driver

```
#Index_Lutron_Output = 2;
Lutron_OutputName = "LT_Hall_ID29";
Lutron_OutputID = 29;
Lutron_OutputType = 23;
Lutron_OutputValue = 0;
Lutron_OutputValue2 = 0;
```

In red, "#Index_Lutron_Output" is the Compass ID

In blue, "Lutron_OutputID" is the Lutron Integration ID

Writing to Lutron (Sending Commands) – Use Lutron Integration ID

- Use "setOutput_Value" Macro Command for dimmers and switchers
    - First parameter asks for DeviceID, which is the Lutron Integration ID
    - Second Parameter is the value 0 to 100

Reading from Lutron (Updating GUI) – Use Compass ID

- Create a "ChangeValue" Events and Actions for the Module Variable "Lutron_OutputValue"
    - Use an If Statement to check "#Index_Lutron_Output" with a specific Compass ID corresponding to the Lutron Integration ID
    - Create a GUI Change inside the If Statement and use "Lutron_OutputValue" to update the GUI accordingly