EDGE Drivers-Mc: Index to the channel “Mariano Shared Beta Drivers”

Invitation Link: https://api.smartthings.com/invitation-web/accept?id=6b68563b-1905-4654-8d2b-e677a2997424

1. Lighting:

1.1. Zigbee Light Multifunction Mc:

1.1.1. A driver for lighting devices such as dimmable bulbs, color-temperature, color-rgb or rgbw smart controllers and dimmer switches with optional additional functions:

1.1.2. **Progressive On and Off:** Adjustable in initial, final and duration levels.

1.1.3. **Random On and Off:** Adjustable in maximum and minimum periods on and off

1.1.4. **Step Brightness Adjustment:** From a remote control with adjustable steps from (-30% to 30%)

1.1.5. **Step Color Temperature Adjustment:** From a remote control with adjustable steps from (-500k to 500k)

1.1.6. **Switch On, Forced Brightness Level:** Allows you to select a mandatory level for Power on when the On/Off button is pressed

1.1.7. **Circadian Function:** Adjusts the color temperature and brightness according to the standard values of the time of day. Active between 6 a.m. to 6 p.m.

1.1.8. **Continuous Color Change:** Adjustable for different modes, random, continuous, ... and adjustable timer between 1 sec and 20 sec to make color changes

1.1.9. **Zigbee flashing effect:** Optionally use the light flashing function as a visual alert

1.1.10. **Zigbee groups:** Allows each bulb to be associated with other zigbee devices using standard zigbee groups

1.1.11. **Zigbee Signal Metrics:** Allows monitoring of the intensity, RSSI and quality, LQI of the received signal in the Hub

1.1.12. **Mirrir Group Function:** Allows you to create groups of devices within the driver and a virtual device that controls the group. This makes it quick and easy to synchronize the local synchronization of multiple bulbs grouped together using the same driver.

1.1.13. **Custom Transitions Time:** Optionally, it allows you to adjust the standard zigbee arguments for On/Off transitions, level changes, color temperature and color. Not all devices support these arguments as they are optional for manufacturers.

1.1.14. **Custom OnOff report Interval:** It allows you to configure periodic reports to the Hub between 300 sec and 900 sec, reducing traffic on the zigbee network and the work of the Hub. Default is 300 sec

1.1.15. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zigbee-light-multifunction-v6/fingerprints.yml

1.2. Z-Wave Bulb Mc:

1.2.1. A driver for lighting devices such as dimmable bulbs, color-temperature, color-rgb or rgbw smart controllers. It is a driver derived from the stock Z-Wave Bulb to which several devices have been added and customized

1.2.2. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zwave-drivers/zwave-bulb-mc/fingerprints.yml

2. Switches:

2.1. Zigbee Switch Mc:

2.1.1. It is a driver for single switches and plugs with optional additional functions

2.1.2. Support Tuya FingerBot with all functions.

2.1.3. **Timer Mode:** Adjustable in maximum and minimum periods on and off and fixed or random duration. The time at which the next status change will occur is indicated.

2.1.4. **Medidor Virtual de Power y Energy:** If the value of the load connected to the device is entered in W, the driver calculates the current power and the accumulated energy consumed. It has a manual reset of the Total Energy Consumed that reports the reset date and the reset consumption

2.1.5. **Zigbee groups:** Allows each bulb to be associated with other zigbee devices using standard zigbee groups

2.1.6. **Zigbee Signal Metrics:** Allows monitoring of the intensity, RSSI and quality, LQI of the received signal in the Hub

2.1.7. **Custom Icons:** Optionally, you can choose different icons for the App

2.1.8. **Custom OnOff report Interval:** It allows you to configure periodic reports to the Hub between 300 sec and 900 sec, reducing traffic on the zigbee network and the work of the Hub. Default is 300 sec

2.1.9. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zigbee-switch-v6.5/fingerprints.yml

2.2. Zigbee Switch Power Mc:

2.2.1. It is a driver for single switches and plugs with Power and/or Energy metering with optional additional functions

2.2.2. **Timer Mode:** Adjustable in maximum and minimum periods on and off y encendidos y apagados de duración fija o aleatoria. Se indica la hora a la que se producirá el siguiente cambio de estado.

2.2.3. **Zigbee groups:** Allows each bulb to be associated with other zigbee devices using standard zigbee groups

2.2.4. **Zigbee Signal Metrics:** Allows monitoring of the intensity, RSSI and quality, LQI of the received signal in the Hub

2.2.5. **Custom OnOff report Interval:** It allows you to configure periodic reports to the Hub between 300 sec and 900 sec, reducing traffic on the zigbee network and the work of the Hub. Default is 300 sec

2.2.6. **Custom Icons:** Optionally, you can choose plug, switch or light categorie and icons for the App

2.2.7. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zigbee-switch-power-v5/fingerprints.yml

2.3. Zigbee Range Extender Mc:

2.3.1. It is a driver based on the stock 2.3. Zigbee Range Extender. Modified to customize with signal metrics capbility and add several new devices fingerprints

2.3.2. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zigbee-range-extender/fingerprints.yml

2.4. Zigbee Multi Switch and Child Mc:

2.4.1. It is a driver for multiple devices, switches, plugs, dimmers with or without power and energy metering. Has optional additional features.

2.4.2. Optionally, individual child devices can be created for the secondary components

2.4.3. Optionally, a separate device can be created that controls all switches simultaneously

2.4.4. Optionally, it can be displayed in the app with a multi-tile with all components, up to 5 components maximum.

2.4.5. **Zigbee Signal Metrics:** Allows monitoring of the intensity, RSSI and quality, LQI of the received signal in the Hub

2.4.6. **Custom OnOff report Interval:** It allows you to configure periodic reports to the Hub between 300 sec and 900 sec, reducing traffic on the zigbee network and the work of the Hub. Default is 300 sec

2.4.7. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zigbee-multi-switch-v4.5-childs-edge/fingerprints.yml

2.5. Zigbee Valve Mc:

2.5.1. It is a driver based on the stock Zigbee Valve. Modified to customize and add several new devices.

2.5.2. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zigbee-valve-st-mc/fingerprints.yml

2.6. Zigbee Vent Mc:

2.6.1. It is a driver based on the stock Zigbee Valve. Modified to customize and add several new devices fingerprints for Keen Home Inc

2.6.2. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zigbee-vent-mc/fingerprints.yml

2.7. Zigbee Window Treatment Mc:

2.7.1. It is a driver based on the stock Zigbee Window Treatment. Modified to customize and add several new devices and new preferences and functions.

2.7.2. **Zigbee Signal Metrics:** Allows monitoring of the intensity, RSSI and quality, LQI of the received signal in the Hub. Added to some Tuya devices.

2.7.3. **Calibration functions:** On some Tuya devices

2.7.4. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zigbee-window-treatment/fingerprints.yml

2.8. Zigbee Frient I/O Module Mc:

2.8.1. It is a driver specifically created for the Frient and Develco model: IOMZB-110

2.8.2. This is the link to the Thread in the smartthings Community where the driver is: explained: https://community.smartthings.com/t/edge-driver-mc-zigbee-frient-i-o-module-mc/273075?u=mariano_colmenarejo

2.9. Zigbee Power/Meter Mc:

2.9.1. It is a driver based on the stock Zigbee Power/Meter. Modified to customize and add several new devices fingerprints

2.9.2. Link to the file containing the fingerprints of the supported devices:
https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zigbee-power-meter/fingerprints.yml

2.10. Z-Wave Switch and Child Mc:

2.10.1. It is a driver based on the stock Z-Wave Switch. Modified to customize and add several new devices and new specific features. Supports switches, plugs, dimmers, multiples and singles

2.10.2. Optionally, individual child devices can be created for the secondary components

2.10.3. Optionally, it can be displayed in the app with a multi-tile with all components, up to 5 components maximum.

2.10.4. Optionally, a virtual device can be created to configure the parameters and association groups of the devices and also to display all the technical data of the device, fingerprints, firmware, command class, endpoints

2.10.5. Link to the file containing the fingerprints of the supported devices:
https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zwave-drivers/Z-Wave%20Switch%20and%20Childs%20Mc/fingerprints.yml

2.11. Z-Wave Garage Door Opener Mc:

2.11.1. It is a driver based on the stock Z-Wave Garage Door Opener. Modified to customize and add several new devices.

2.11.2. Link to the file containing the fingerprints of the supported devices:
https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zwave-drivers/zwave-garage-door-opener/fingerprints.yml

2.12. Z-Wave Valve Mc:

2.12.1. It is a driver based on the stock Z-Wave Valve. Modified to customize and add several new devices.

2.12.2. Link to the file containing the fingerprints of the supported devices:
https://github.com/Mariano-Github/Edge-Drivers-Beta/tree/main/zwave-drivers/zwave-valve-mc

2.13. Z-Wave Window Treatment Mc:

2.13.1. It is a driver based on the stock Z-Wave Window Treatment. Modified to customize and add several new devices and new preferences and functions.

2.13.2. Added to multiple profiles an option to preset random position

2.13.3. Added multiple Fibaro roller shutter devices

2.13.4. Link to the file containing the fingerprints of the supported devices:
https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zwave-drivers/zwave-window-treatment-mc/fingerprints.yml

3. Sensors:

3.1. Zigbee Contact Mc:

3.1.1. It is a driver based on the stock Zigbee Contact driver. Modified to customize and add several new devices and new custom features. Supports contact and multipurpose sensors

3.1.2. **Custom temperature reports:** For Sensors with Temperature Measurement

3.1.3. **Custom Sensitivity for Accel sensors:** In Multipurpose Sensors

3.1.4. **Custom X, Y or Z axis for garage door sensors:** In Multipurpose Sensors

3.1.5. **Custom profile:** On Multipurpose sensors, Open/close contact, temperature or vibration can be displayed in the tile

3.1.6. **Custom Contact Sensor report Interval:** It allows you to configure periodic reports to the Hub between 300 sec and 3600 sec, reducing battery consumption, traffic on the zigbee network and the work of the Hub. Default is 300 sec

3.1.7. **Zigbee Signal Metrics:** Allows monitoring of the intensity, RSSI and quality, LQI of the received signal in the Hub

3.1.8. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zigbee-contact-mc-v3/fingerprints.yml

3.2. Motion Sensor Mc:

3.2.1. It is a driver based on the stock Zigbee Motion Sensor driver. Modified to customize and add several new devices and new custom features. Supports Motion and multi sensors

3.2.2. Support some Tuya sensors model TS0601, with clustes EF00

3.2.3. **Custom temperature reports:** For Sensors with Temperature Measurement

3.2.4. **Custom Sensitivity for Accel sensors:** In some especific Motion Sensors

3.2.5. **Custom Contact Sensor report Interval:** It allows you to configure periodic reports to the Hub between 300 sec and 3600 sec, reducing battery consumption, traffic on the zigbee network and the work of the Hub. Default is 300 sec

3.2.6. **Zigbee Signal Metrics:** Allows monitoring of the intensity, RSSI and quality, LQI of the received signal in the Hub

3.2.7. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zigbee-motion-sensor-v4/fingerprints.yml

3.3. Zigbee Moisture Sensor Mc:

3.3.1. It is a driver based on the stock Zigbee Water Leak Sensor driver. Modified to customize and add several new devices and new custom features. Supports Water Leak and multi sensors

3.3.2. **Custom temperature reports:** For Sensors with Temperature Measurement

3.3.3. **Zigbee Signal Metrics:** Allows monitoring of the intensity, RSSI and quality, LQI of the received signal in the Hub

3.3.4. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zigbee-moisture-sensor-v2/fingerprints.yml

3.4. Zigbee Temp Sensor and Child Thermostat Mc:

3.4.1. It is a driver that handles Temperature and Humidity Sensors or Multi Sensors with Illuminance, Atmospheric Pressure. It has several custom features

3.4.2. **Custom temperature, humidity, atmospheric pressure and illuminance reports**

3.4.3. Optionally, it can be displayed in the app with a multi-tile with all components, up to 5 components maximum.

3.4.4. **Custom capabilities Temperature, Humidity and Atmospheric Pressure Comparison:** Allows you to do a second routine by comparison values.

3.4.5. **Optional creation of a virtual thermostat with each device:** It's a complete thermostat. In this link you will find the thermostat user manual https://github.com/Mariano-Github/Edge-Drivers-Beta/tree/main/Thermostat%20Manual

3.4.6. **Zigbee Signal Metrics:** Allows monitoring of the intensity, RSSI and quality, LQI of the received signal in the Hub

3.4.7. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zigbee-temp-humidity-child-thermostat-edge/fingerprints.yml

3.5. Zigbee Temp Sensor with Thermostat Mc:

3.5.1. It is a driver that allows you to convert different types of sensors that have the capacity of Temperature into a complete thermostat without losing its main function. Supports various Contact, Multipurpose, Motion, Smartthings Button, Temperature & Humidity Sensors or Multi-Sensors.

3.5.2. Optionally, it allows you to make groups of sensors, which are paired to the driver, to control the thermostat with the Average, Maximum or Minimum temperature of the sensor group.

3.5.3. In this link you can find the complete user manual for both this thermostat and the virtual thermostat: https://github.com/Mariano-Github/Edge-Drivers-Beta/tree/main/Thermostat%20Manua

3.5.4. **Zigbee Signal Metrics:** Allows monitoring of the intensity, RSSI and quality, LQI of the received signal in the Hub

3.5.5. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zigbee-thermostat-v4.5/fingerprints.yml

3.6. Zigbee Thermostat Mc:

3.6.1. It is a driver based on the stock Zigbee Thermostat. Modified to customize and add several new devices.

3.6.2. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zigbee-thermostat-stock-mc/fingerprints.yml

3.7. Z-Wave Sensor and Child Thermostat Mc:

3.7.1. It is a driver based on the stock Z-Wave Sensor. Modified to customize and add several new devices and new specific features. Supports Contact, Motion, Multi Sensors

3.7.2. Optionally, a virtual device can be created to configure the parameters, wakeUp interval and association groups of the devices and also to display all the technical data of the device, fingerprints, firmware, command class, endpoints

3.7.3. **Optional creation of a virtual thermostat with each device with Temperature Capability:** It's a complete thermostat. In this link you will find the thermostat user manual https://github.com/Mariano-Github/Edge-Drivers-Beta/tree/main/Thermostat%20Manual

3.7.4. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/tree/main/zwave-drivers/zwave-sensor-mc

3.8. Z-Wave Thermostat Mc:

3.8.1. It is a driver based on the stock Z-Wave Thermostat. Modified to customize and add several new devices.

3.8.2. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zwave-drivers/zwave-thermostat-mc/fingerprints.yml

3.9. Fibaro Smart Implant Mc:

3.9.1. It is a driver specifically created for the Fibaro Smart Implant model FGBS-222.

3.9.2. It has several profiles to be able to use up to 6 external temperature probes

3.9.3. It has several profiles to be able to use the Analog Inputs

3.9.4. It has several profiles to be able to use the binary inputs

3.9.5. It has profiles to display a multiple tile in the App with up to 5 capabilities

3.9.6. **Optional creation up to 6 virtual thermostats with each Temperature probe:** It's a complete thermostat. In this link you will find the thermostat user manual https://github.com/Mariano-Github/Edge-Drivers-Beta/tree/main/Thermostat%20Manual

3.9.7. This is the link to the Thread in the smartthings Community where the driver is explained: https://community.smartthings.com/t/edge-driver-mc-fibaro-smart-implant-mc/264268?u=mariano_colmenarejo

4. Security:

4.1. Zigbee Siren Mc:

4.1.1. It is a driver based on the stock Zigbee Thermostat. Modified to customize and add several new devices.

4.1.2. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zigbee-siren-v2/fingerprints.yml

4.2. Zigbee Smoke/CO Detector Mc:

4.2.1. It is a driver based on the stock Zigbee Smoke Detector and Zigbee Carbon Monoxide Detector. Several new devices and new features have been added. Supports smoke, CO and Gas sensors.

4.2.2. **Zigbee Signal Metrics:** Allows monitoring of the intensity, RSSI and quality, LQI of the received signal in the Hub

4.2.3. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zigbee-smoke-co-detector/fingerprints.yml

4.3. Zigbee Sound Sensor Ecolink Mc:

4.3.1. It is a driver based on the stock Zigbee Sound Sensor. Modify Ecolink Sound Sensor model: FFZB1-SM-ECO for it to emit Smoke events

4.4. Zigbee Lock Mc:

4.4.1. It is a driver based on the stock Zigbee Lock and added several new devices

4.4.2. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zigbee-lock-mc/fingerprints.yml

4.5. Z-Wave Siren Mc:

4.5.1. It is a driver based on the stock Z-Wave Siren. Several new devices and new features have been added.

4.5.2. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zwave-drivers/zwave-siren-mc/fingerprints.yml

4.6. Z-Wave Smoke Alarm-Mc:

4.6.1. It is a driver based on the stock Z-Wave Smoke Alarm. Several new devices have been added.

4.6.2. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zwave-drivers/zwave-smoke-alarm-mc/fingerprints.yml

5. Buttons:

5.1. ST Zigbee Button Mc:

5.1.1. It is a custom driver for the one-button smatthings (Samjin) button and with temperature measurement. Also added the EZVIZ, model: CS-T3C-A0-BG, No Temperature measurement.

5.1.2. **Custom temperature reports:** Allows you to customize reports and save battery life

5.2. Z-Wave Button Mc:

5.2.1. It is a driver based on the stock Z-Wave Button. Several new devices and new features have been added.

5.2.2. **Link to the file containing the fingerprints of the supported devices:** https://github.com/Mariano-Github/Edge-Drivers-Beta/blob/main/zwave-drivers/Z-Wave%20Switch%20and%20Childs%20Mc/fingerprints.yml

6. Services, Virtual and Tools devices:

6.1. Aplicaciones Virtuales Mc:

6.1.1. It is a driver that creates LAN type virtual devices with very different functions:

6.1.2. **Virtual Mirror Switch:** It is a device that can be used as a simple virtual switch, switch with capabilities to perform mirror function without blucing or that serves as a trigger in routines for random on/off capability in various devices.

6.1.3. **Virtual Calendar:** Create a Virtual Calendar device, which calculates the data for the desired location,(Latitude and Longitude), to be able to make routines with local dates, hours, months, days, sunrise, sunset, Azimuth solar angle and inclination, odd or even days, …

6.1.4. **Timer Number of Days:** Create a virtual device that can make timers from 1 to several full days

6.1.5. **Timer of Seconds:** Create a virtual device that can make timers from 1 to 86400 sec. Timer can be fixed time, ramdom time with infinite loops or fixed number of loops

6.1.6. **Switch Board:** Create virtual devices that contain between 2 and 5 swithes that can be controlled independently or only one powered on.

6.1.7. **TextField 5 Fields:** Create virtual devices with 5 editable text fields to make routines or use it as variables

6.1.8. **NumberField 5 Fields and Calculator:** Create virtual devices with 5 editable numeric fields to make routines or use as variables. Allow make some calculations with fields values. See post with explanation: https://community.smartthings.com/t/edge-driver-mc-aplicaciones-virtuales-mc-virtual-switch-mirror-virtual-calendar-and-virtual-switch-board/243627/306?u=mariano_colmenarejo

6.1.9. **Device List and Battery levels:** Create virtual device to show device Batteries values received with API rules. See post explanation: https://community.smartthings.com/t/aplicaciones-virtuales-mc-driver-applications-number-fields-and-basic-calculations/277142/19?u=mariano_colmenarejo

6.1.10. **Device List and Events:** Crete virtual device to show a listo f devices and events received. See post explanation: https://community.smartthings.com/t/edge-driver-mc-aplicaciones-virtuales-mc-virtual-switch-mirror-virtual-calendar-and-virtual-switch-board/243627/331?u=mariano_colmenarejo

6.1.11. **Virtual Security Device:** Create virtual device to control Smartthings Home Monitor (STHM). To arm and disarm with optional custom codes and custom delay. See post Explanation: https://community.smartthings.com/t/edge-driver-mc-aplicaciones-virtuales-mc-virtual-switch-mirror-virtual-calendar-and-virtual-switch-board/243627/333?u=mariano_colmenarejo

6.1.12. This is the link to the Thread in the smartthings Community where the driver is explained: https://community.smartthings.com/t/edge-driver-mc-aplicaciones-virtuales-mc-virtual-switch-mirror-virtual-calendar-and-virtual-switch-board/243627?u=mariano_colmenarejo

6.2. Zigbee Thing Mc:

6.2.1. It is a dirver that can be paired with any standard zigbee device and displays the necessary information to be able to assign or add to a driver. Displays fingerprints, manufacturer and model, clusters of each enpoint, firmware, …

6.3. Z-Wave Thing Mc:

6.3.1. It is a dirver that can be paired with any standard zwave device and displays the necessary information to be able to assign or add to a driver. Displays fingerprints, manufacturer and model, command class of the endpoints, firmaware, dni, …

6.4. Z-Wave Device Config Mc:

6.4.1. It is a dirver that can be paired with any standard zwave device and can to configure the parameters, wakeUp interval and association groups of the devices and also to display all the technical data of the device, fingerprints, firmware, command class, endpoints same Z-Wave Thing Mc.

6.4.2. It is identical to the Virtual Device Config that is optionally created in the Z-Wave Switch and Child Mc and Z-Wave Sensor and Child Thermostat Mc drivers

6.4.3. This is the link to the Thread in the smartthings Community where the driver is explained: https://community.smartthings.com/t/edge-driver-mc-z-wave-device-config-mc/246110?u=mariano_colmenarejo