Communication Diagram MQTT

This diagram shows every communication route between the Raspberry Pi and the Espressif ESP32
Every topic **not** starting with "pbl", starts with "pbl/MAC/" (MAC = XX:XX:XX:XX:XX:XX, with X = Hexadecimal Number)

Reset Configuration

:Pi → 1: config/reset → :esp32
:Pi ← 2: config/ack ← :esp32

Request Configuration

:Pi → 1: config/get → :esp32
:Pi ← 2: config/ack ← :esp32

Light Up An Array Of LEDs

:Pi → 1: light/set → :esp32
:Pi ← 2: light/ack ← :esp32

Update Position Configuration

:Pi → 1: config/update_Position → :esp32
:Pi ← 2: config/ack ← :esp32

Send Configuration

:Pi ← 1: config/put ← :esp32

Turn Off An Array Of LEDs

:Pi → 1: light/unset → :esp32
:Pi ← 2: light/ack ← :esp32

Create Position Configuration

:Pi → 1: config/create_Position → :esp32
:Pi ← 2: config/ack ← :esp32

Last-Will Message On Disconnection

:Pi ← 1: config/offline ← :esp32

Light Up All LEDs

:Pi → 1: light/allOn → :esp32
:Pi ← 2: light/ack ← :esp32

Delete Position Configuration

:Pi → 1: config/delete_Position → :esp32
:Pi ← 2: config/ack ← :esp32

Register At Broker / Send Keep-Alive

:Pi ← 1: pbl/register ← :esp32

Turn Off All LEDs

:Pi → 1: light/allOff → :esp32
:Pi ← 2: light/ack ← :esp32