MQTT.py
Documentation

MQTT Module

" MQTT Module allows used to register a device and send the desired measurements to cumulocity using mqtt API commands. "

Module Methods:

- **on_message (client, userdata, message):** displays all incoming messages and has sample payloads that signal restart command and sends the start event when" start" is received in payload.

- **perform_restart ():** simulates restart.

- **send_BikeSpeedMeasurement (data):** sends the bike speed measurements to cumulocity by using the publish mqtt API command.

- **send_BikeRevolutions (data):** sends the bike revolutions to cumulocity by using the publish mqtt API command.

- **publish (topic, message, wait_for_ack=False):** publishes a message.

- **On_publish (client, userdata, mid):** displays all outgoing messages.

- **send _BikeStartSession ():** sends the BikeStartSession event to cumulocity, which will reset the measurement values.

- **initiate_measurements ():** sends 0 value to all bike measurements to initiate them