

☰ OpenMQTTGateway v0.9.10

集成家庭助理

Home Assistant 提供MQTT 集成。通过这种集成，可以利用和管理 OpenMqttGateway 发布的消息。

一旦家庭助理上的这种集成配置了相同的 mqtt 代理，就可以手动或通过自动发现功能创建设备。

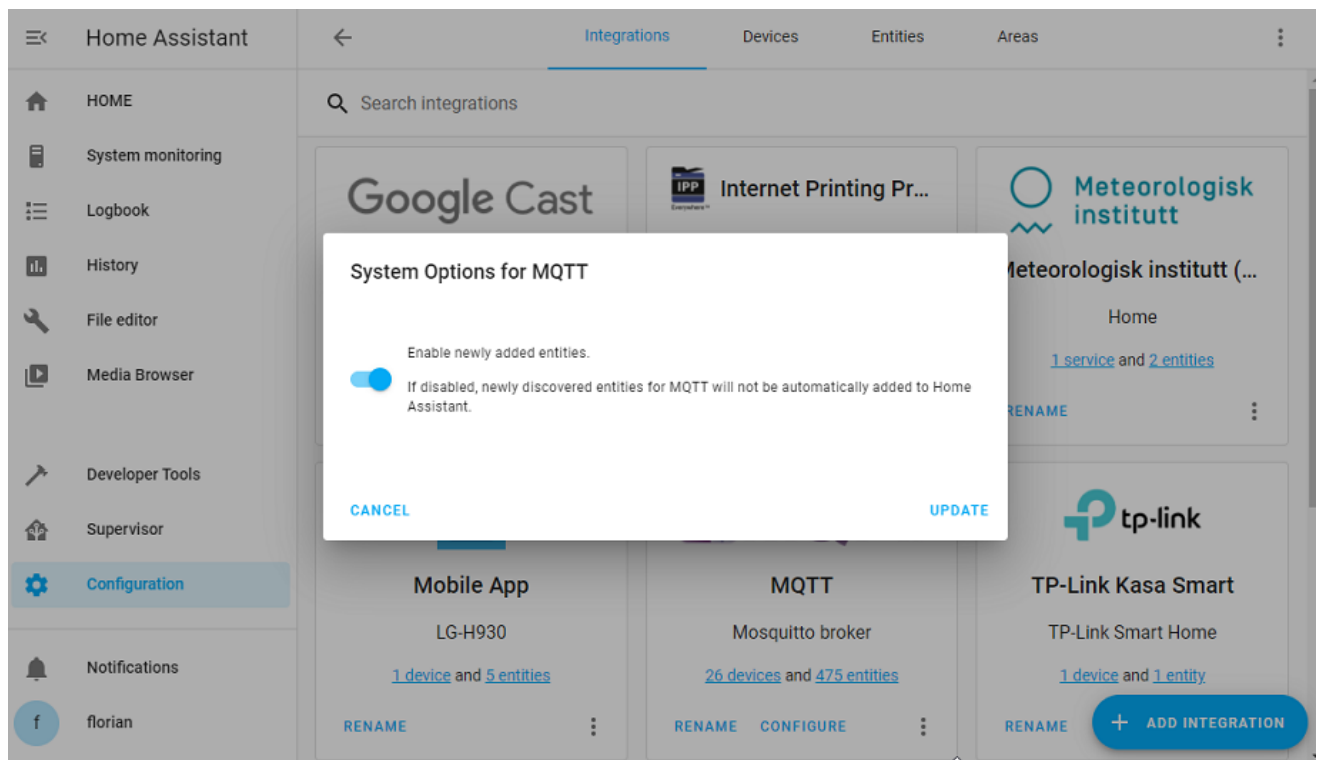
自动发现

从家庭助理网站

MQTT 设备的发现将使人们能够使用 MQTT 设备，只需在 Home Assistant 一侧进行最少的配置工作。配置是在设备本身和设备使用的主题上完成的。

在 OpenMqttGateway 上，除了 UNO 之外，所有二进制文件和平台配置都默认启用 Home Assistant 发现。使用 Arduino IDE 请阅读文档的高级配置部分。以下是在 Home Assistant 上激活发现的一些提示，但有关详细配置，请参阅 Home Assistant 网站。

在 HASS 中启用对 MQTT 集成的发现。



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此用户不需要是管理员。

Add user

Name

OpenMQTTGateway RF Bridge

Username

omgrfbridge

Password

.....

Confirm Password

.....



Administrator

The user group feature is a work in progress. The user will be unable to administer the instance via the UI. We're still auditing all management API endpoints to ensure that they correctly limit access to administrators.

CANCEL

CREATE

笔记

用户名的最大大小为 30，密码为 60。

OMG 将使用家庭助理的自动发现功能在您的 HASS 实例中自动创建网关和传感器。

System monitoring

Logbook

History

File editor

Media Browser

Developer Tools

Supervisor

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Notifications

f

florian

Home Assistant

Overview

HOME

System monitoring

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LIVING


DEVICES

CHARTS

☰

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OpenMQTTGateway_ESP32_OLM_GTWE



Device info

["BT","HADiscovery"]
by OMG_community
Firmware: version_tag

MQTT INFO

DELETE

Automations

No Automations have been added using this device yet. You can add one by clicking the + button above.


Scenes

No Scenes have been added using this device yet. You can add one by clicking the + button above.


Scripts

No Scripts have been added using this device yet. You can add one by clicking the + button above.


Entities

SYS: Connectivity


Connected

BT: Connect every X scan(s)


10

BT: Force scan


☐

SYS: Free memory


179100 B


SYS: IP


192.168.1.15


BT: Interval between scans

55555 ms


BT: Publish only sen...






SYS: Uptime


366 s

SYS: Erase credentials

☐

SYS: Low Power Mode

0

SYS: Restart gateway

☐

MQTT 设备触发器和射频

使用 OpenMqttGateway配置为接收 RF 信号，消息按照基于 RCSwitch 的网关的指示进行传输，因此每次传感器发现信号时都可以接收脉冲。

启用自动发现后，HomeAssistant 将发现MQTT 设备触发器由 mqtt 参数中给出的值字段标识。

手动集成示例

来自@123、@finity、@denniz03、@jrockstad、@anarchking、@dkluivingh

门磁

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```

3     name: "test"
4     state_topic: "home/OpenMQTTGateway/433toMQTT"
5     value_template: >-
6         {% if value_json.value == '7821834' %}
7             {{'ON'}}
8         {% elif value_json.value == '7821838' %}
9             {{'OFF'}}
10        {% else %}
11            {{states('binary_sensor.test') | upper}}
12        {% endif %}
13    qos: 0
14    device_class: opening

```

```

1  binary_sensor:
2    - platform: mqtt
3      name: doorbell
4      state_topic: 'home/OpenMQTTGateway/SRFBtoMQTT'
5      #value_template: "{{ value_json.raw }}"
6      value_template: >-
7          {% if value_json.value == '14163857' %}
8              {{'ON'}}
9          {% else %}
10             {{states('binary_sensor.doorbell') | upper}}
11         {% endif %}
12      off_delay: 30
13      device_class: 'sound'
14    - binary_sensor:
15      platform: mqtt
16      name: light_back_sensor
17      state_topic: 'home/OpenMQTTGateway/SRFBtoMQTT'
18      #value_template: '{{ value_json.value }}'
19      value_template: >-
20          {% if value_json.value == '1213858' %}
21              {{'ON'}}
22          {% else %}
23              {{states('binary_sensor.light_back_sensor') | upper}}
24          {% endif %}
25      off_delay: 5
26    - binary_sensor:
27      platform: mqtt
28      name: rf_outlet_sensor
29      state_topic: 'home/OpenMQTTGateway/SRFBtoMQTT'

```

yaml

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```

32         {{ on }}
33     {% else %}
34         {{states('binary_sensor.rf_outlet_sensor') | upper}}
35     {% endif %}

```

运动传感器

```

1  binary_sensor:
2      - platform: mqtt
3        name: "Bewegung_Schlafzimmer"
4        #device_class: motion
5        state_topic: "home/OpenMQTTGateway1/HCSR501toMQTT"
6        value_template: '{{ value_json["presence"] }}'
7        payload_on: "true"
8        payload_off: "false"

```

yaml

开关

```

1  #switches
2  switch:
3      - platform: mqtt
4        name: Plug1
5        state_topic: "home/OpenMQTTGateway/SRFBtoMQTT"
6        command_topic: "home/OpenMQTTGateway/commands/MQTTtoSRFB"
7        value_template: '{{ value_json.value }}'
8        payload_on: '{"value":4546575}'
9        payload_off: '{"value":4546572}'
10       state_on: 4546575
11       state_off: 4546572
12       qos: "0"
13       retain: true

```

yaml

米家温度计BLE

```

1  Sensor:
2      - platform: mqtt
3        state_topic: 'home/OpenMQTTGateway/BTtoMQTT/AAAAAAAAAAAA' # MQTT topic, chec

```

yaml

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```

6      value_template: '{{ value_json.tem | is_defined }}'
7      expire_after: 21600 # 6 hours
8      - platform: mqtt
9        state_topic: 'home/OpenMQTTGateway/BTtoMQTT/AAAAAAAAAAAA'
10       name: "mijia_thermometer_humidity"
11       unit_of_measurement: '%'
12       value_template: '{{ value_json.hum | is_defined }}'
13       expire_after: 21600 # 6 hours
14       - platform: mqtt
15         state_topic: 'home/OpenMQTTGateway/BTtoMQTT/AAAAAAAAAAAA'
16         name: "mijia_thermometer_battery"
17         unit_of_measurement: '%'
18         value_template: '{{ value_json.batt | is_defined }}'
19         expire_after: 21600 # 6 hours

```

小米米秤 V2 BLE (XMTZC05HM)

```

1      sensor:
2        - platform: mqtt
3          name: "Weight"
4          state_topic: "home/OpenMQTTGateway/BTtoMQTT/AAAAAAAAAAAA" # replace your r
5          value_template: '{{ value_json["weight"] }}'
6          unit_of_measurement: "kg"
7          icon: mdi:weight-kilogram
8
9        - platform: mqtt
10         name: "Impedance"
11         state_topic: "home/OpenMQTTGateway/BTtoMQTT/AAAAAAAAAAAA" # replace your r
12         value_template: '{{ value_json["impedance"] }}'
13         unit_of_measurement: "Ohm"
14         icon: mdi:omega
15
16        - platform: template
17          sensors:
18            body_mass_index:
19              friendly_name: 'Body Mass Index'
20              value_template: >-
21                {% set HEIGHT = (1.76)|float %} # replace your height in meters
22                {% set WEIGHT = states('sensor.xmtzc05hm_weight')|float %}
23                {{- (WEIGHT/(HEIGHT*HEIGHT))|float|round(1) -}}

```

yaml

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MQTT 房间状态

这里需要激活发布到存在主题是命令

```
1  sensor:
2    - platform: mqtt_room
3      device_id: XX:XX:XX:XX:XX:XX    #Mac Address of device wanting to track
4      name: you_are_in    # home assistant will show a sensor named (you are in)
5      state_topic: "home/home_presence"
6      #timeout:
7      #away_timeout:
```

yaml

温度感应器

```
1  sensor:
2    - platform: mqtt
3      name: outdoor temp
4      state_topic: "home/OpenMQTTGateway/433toMQTT"
5      unit_of_measurement: '°C'
6      value_template: >
7        {% if value_json is defined and value_json.sensor == 125 %}
8        {{ value_json.tempc }}
9        {% else %}
10       {{ states('sensor.outdoor_temp') }}
11       {% endif %}
```

yaml

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最后更新时间：2022年2月8日，上午12时42分37秒

← [射频网关 \(433mhz/315mhz\)](#)

[设备](#) →