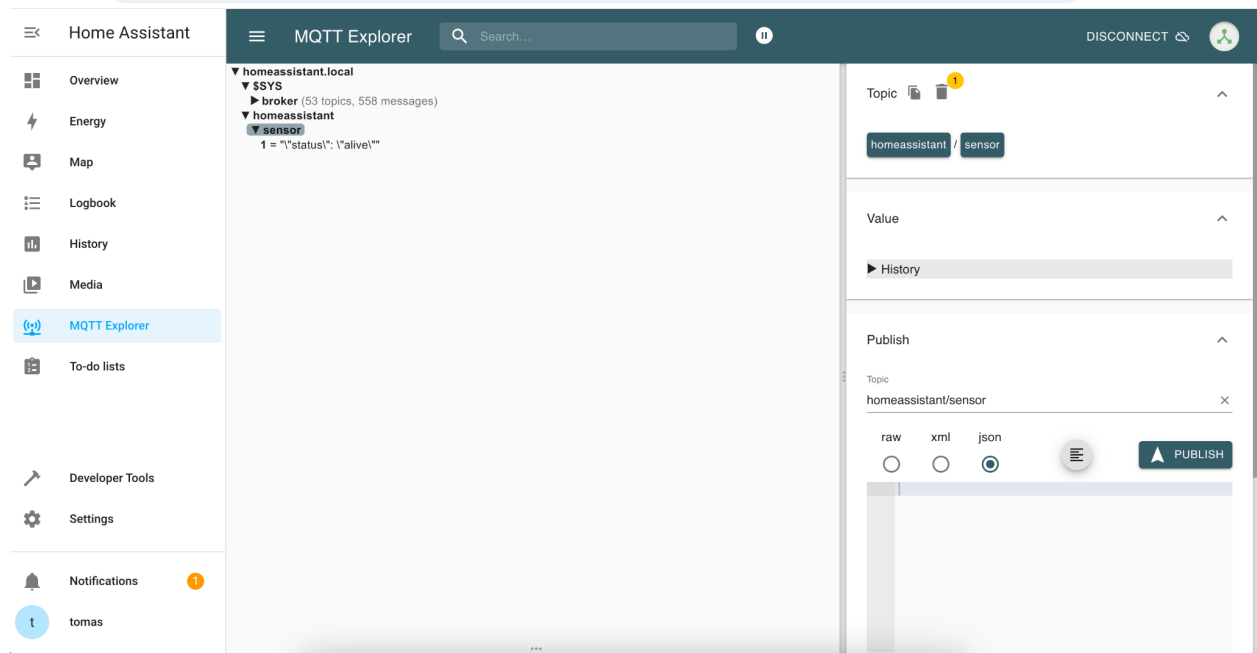


# MQTT and Home Assistant integration

1. Prepare/Setup Home Assistant follow official website
2. Create python MQTT client, that would be able to communicate with HA platform
3. Before usage below example, install required packages pip3 install paho-mqtt or pip3 install json



## Example code for HA:

1. Replace broker\_address with your own
2. Install a fully separate HA platform

```
import paho.mqtt.client as mqtt
import time
import json
```

```
def connect_broker(broker_address, client_name):
    client = mqtt.Client(client_name)
    client.username_pw_set("mqtt", "mqtt")
    client.connect(broker_address, 1883)
    time.sleep(1)
    client.loop_start()

    return client
```

```
if __name__ == "__main__":
    server = "homeassistant.local"
    client_name = "tester_ha"
    client = connect_broker(server, client_name)
    try:
        while True:
            message = input('Send some message: ')
            topic = input('Specify the topic: ')
            client.publish(topic, message)
    except KeyboardInterrupt:
        client.disconnect()
        client.loop_stop()
```