

# MQTT

MQTT Broker und Client

- [MQTT Webclient](#)

# MQTT Webclient

Der folgende Client wurde komplett umgebaut auf Java 8 und benötigt Maven und was hast nicht alles gesehen, somit ist der nicht mehr als Webanwendung im Apache Webserver in einem Unterverzeichnis nutzbar wie bisher. Er wird nun zu Grabe getragen :

<https://github.com/hivemq/hivemq-mqtt-client>

## Alternativer Webbasierender MQTT Webclient EMQX

Installation von EMQX Webclient mit Websocket Support

```
docker pull emqx/mqttx-web
```

```
docker run -d --name mqttx-web -p 80:80 emqx/mqttx-web
```

The screenshot displays the EMQX MQTT Webclient interface. On the left, a dark sidebar contains navigation icons. The main area is divided into three panels:

- Connections:** Shows a single connection named 'unixweb@mqtt.unixweb.eu:...' with a status icon.
- unixweb:** A panel for the selected connection, featuring a '+ New Subscription' button and a list of subscriptions. One subscription is visible with a topic starting with '#' and a QoS of 0.
- Message View:** The rightmost panel shows a list of received messages in a 'Plaintext' format. Each message entry includes the topic, QoS, a timestamp, and the message content. The messages are as follows:
  - Topic: esp3/debug QoS: 0  
[0;36m[D] [ads1115:186]: 'ADS1115 Channel A0-GND': Got Voltage=-0.004312V[0m  
2023-12-25 15:22:34:594
  - Topic: esp3/debug QoS: 0  
[0;36m[D] [sensor:093]: 'ADS1115 Channel A0-GND': Sending state -0.00431 V with 3 decimals of accuracy[0m  
2023-12-25 15:22:34:646
  - Topic: esp3/sensor/ads1115\_channel\_a0-gnd/state QoS: 0  
-0.004  
2023-12-25 15:22:34:647
  - Topic: esp3/debug QoS: 0  
[0;36m[D] [ads1115:186]: 'ADS1115 Channel A0-GND': Got Voltage=-0.004375V[0m  
2023-12-25 15:22:36:560
  - Topic: esp3/debug QoS: 0  
[0;36m[D] [sensor:093]: 'ADS1115 Channel A0-GND': Sending state -0.00438 V with 3 decimals of accuracy[0m  
2023-12-25 15:22:36:610
  - Topic: esp3/sensor/ads1115\_channel\_a0-gnd/state QoS: 0  
-0.004  
2023-12-25 15:22:36:611

At the bottom of the message view, there are controls for the message format (JSON selected), QoS (0 selected), and options to 'Retain' or 'Meta' the message. A 'Topic' field is also present.