

# Reading joint states with an MQTT client from a Mosquitto MQTT broker


## Install an MQTT Client

1. Install a mosquitto  client for example [MQTTX](#)

## Connect to the WIFI


Connect to the same WI-FI the MQTT-Broker is in.

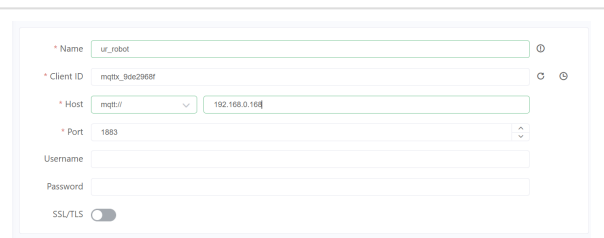
In our case the WI-FI's name is '**ROOM\_240**'

In our case the device running the broker is an RaspberryPi  with the IP **192.168.0.168**

## Subscribe to a topic via your MQTT client

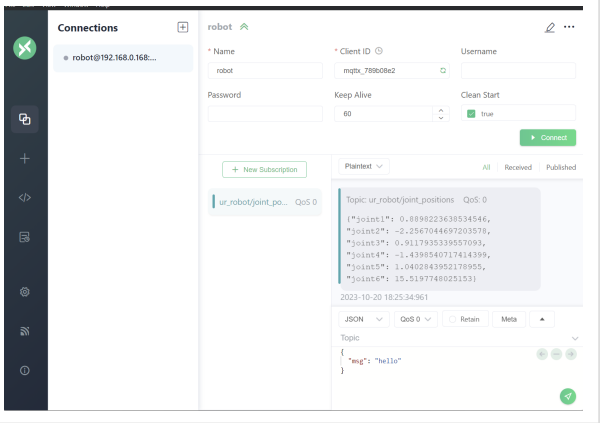
1. Setup a new connection by clicking  :

Setup a new connection to a "broker" in our case this is the Raspberry Pi  connected to the Robot. Provide a name and leave the username and password fields blank.



A screenshot of an MQTT client configuration interface. It contains several input fields: 'Name' with the value 'ur\_robot', 'Client ID' with the value 'mqtt\_9dc2969f', 'Host' with a dropdown menu set to 'mqtt://' and a text field containing '192.168.0.168', and 'Port' with a dropdown menu set to '1883'. There are also empty fields for 'Username' and 'Password', and a toggle switch for 'SSL/TLS' which is currently turned off.

Click on "connect" and you'll see the joint positions coming in and constantly updated!



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