

Controlling the robot via MQTT and Python

- [Reading joint states with an MQTT client from a Mosquitto MQTT broker !\[\]\(1207edb9a08751d3d55970560645ed23_img.jpg\)](#)

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.

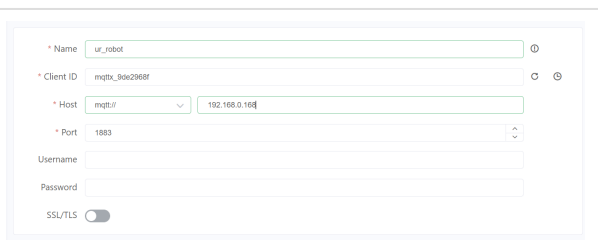
In our case the WI-FI's name is '**ROOM_240**'

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.



The screenshot shows a form for setting up a new MQTT connection. The fields are as follows:

- Name:
- Client ID:
- Host:
- Port:
- Username:
- Password:
- SSL/TLS: ☐

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

