**# sudo pip3 install paho-mqtt**

**# start node red**

**# start mqtt**

[**http://www.steves-internet-guide.com/client-connections-python-mqtt/**](http://www.steves-internet-guide.com/client-connections-python-mqtt/)

import paho.mqtt.client as mqtt

import time

def on\_connect(client, userdata, flags, rc):

if rc==0:

client.connected\_flag=True

print("connected OK")

else:

print("Bad connection Returned code=",rc)

mqtt.Client.connected\_flag=False

broker="192.168.1.70" #IP de RPi

client = mqtt.Client("python1") #create new instance

client.on\_connect=on\_connect

client.loop\_start()

print("Connecting to broker ",broker)

client.connect(broker) #connect to broker

while not client.connected\_flag: #wait in loop

print("In wait loop")

time.sleep(1)

print("in Main Loop")

valor =123

msg = f"messages: {valor}"

#topic mqtt output/sensor1

result = client.publish("output/sensor1", msg)

client.loop\_stop()

client.disconnect()

**OTRA FORMA no funciona, lo logra conectarse**

import paho.mqtt.client as mqtt

client = mqtt.Client("P1")

mqtt.Client.connected\_flag=False

client.connect("192.168.1.70")

while not client.connected\_flag: #wait in loop

print("In wait loop")

time.sleep(1)

valor =222

msg = f"messages: {valor}"

#topic mqtt output/sensor1

result = client.publish("output/sensor1", msg)

python3 pub.py

Text

Description automatically generated