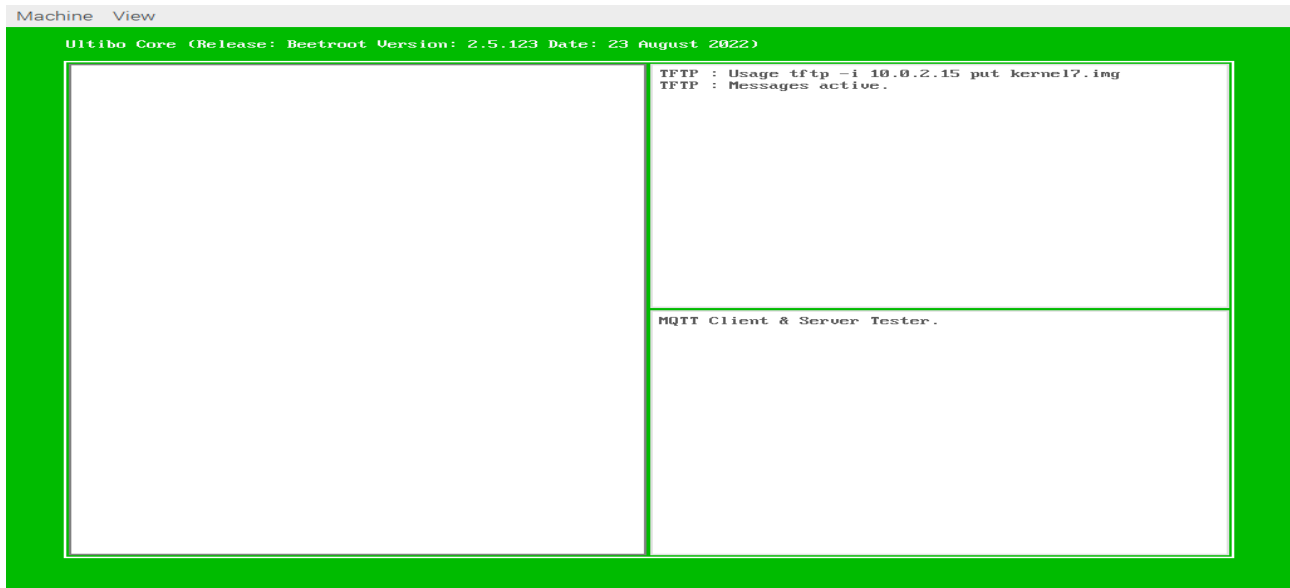


First QEMU is started using “./startqemu.sh”



Arduino Nano-RP2040-Connect is programmed with “mqtt.ino” using the Arduino IDE.

RGB

Bl ext

Red ext

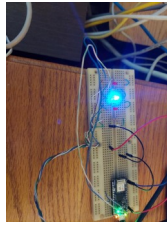
re connected to the network

```
Attempting to connect to the MQTT broker: 192.168.1.229
connection failed! Error code = -1
connection failed! Error code = -1
connection failed! Error code = -1
connection failed! Error code = -1
connection failed! Error code = -1
connection failed! Error code = -1
re connected to the MQTT broker!
```

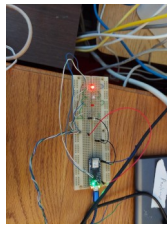
Bl ext on

Bl ext off

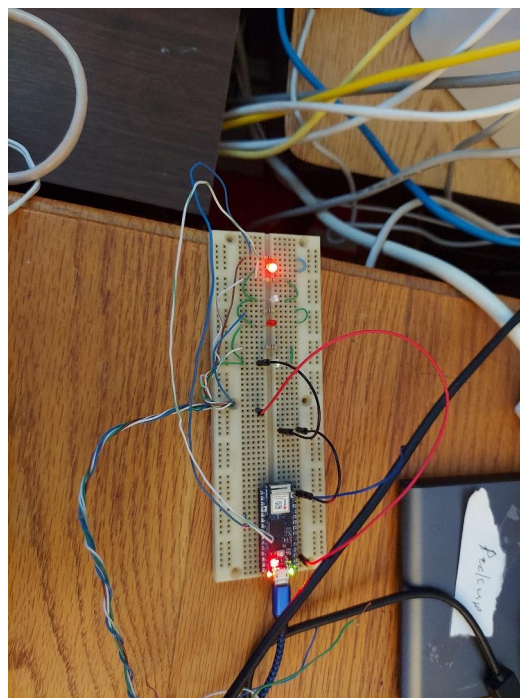
WiFi Connection



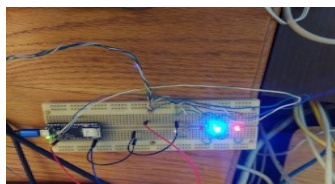
RGB GR/RED toggles
Red ext on



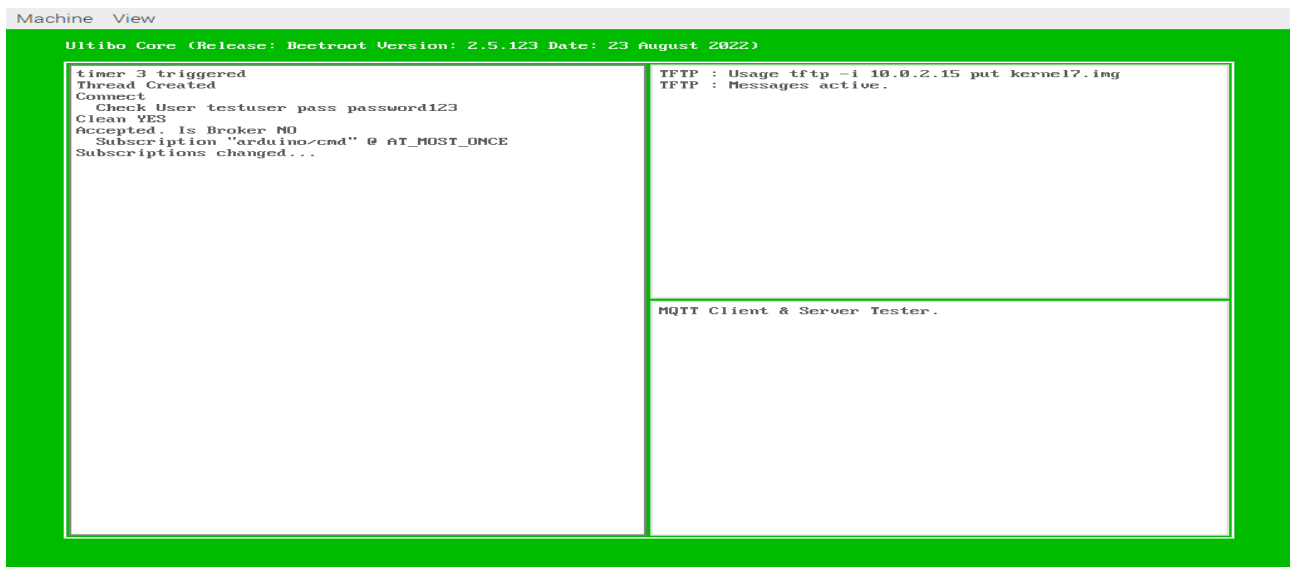
RGB GR/RED toggles
Red ext on



Broker Connection
Red ext on
Bl ext on



When the 5 is depressed on QEMU



Arduino Nano-RP2040-Connect is programmed with "mqtt.ino" using the Arduino IDE.

Bl ext on

Bl ext off

WiFi Connection

RGB GR/RED toggles

Red ext on

Broker Connection

Red ext on

Bl ext on

When the 5 is depressed on QEMU

Send

You're connected to the network

Attempting to connect to the MQTT broker: 192.168.1.229

MQTT connection failed! Error code = -1

You're connected to the MQTT broker!

☒ Autoscroll ☐ Show timestamp

Newline ▾

9600 baud ▾

Clear output

Running 11/08/22

```
devel@pi4-27:~/my-projects-docs/Ultibo/ultibo-mqtt/nano-qemu $ diff MQTTServerTest.lpr  
~/Ultibo_Projects/Pauls-ultibo-mqtt/QEMU/MQTTServerTest.lpr
```