

Connecting Dory (Receiver) to Raspberry Pi 4

B603 Lab

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November 23, 2021

Step 1

- 1 Install PuTTY:
`sudo apt-get install -y putty`
- 2 Open Putty from the terminal using the command: `putty`

Step 2

Open a terminal on RPi4 and type the command:

- `lsusb -t`
- `dmesg | grep tty` (From here check the Rx Dory is connected to which port of RPi 4)
- `lsusb /dev/tty*` (Checking all the ports)

Step 3

In the PuTTY configuration,

- Select the 'Serial' option.
- Baud rate/speed = 115200.
- Open.

Step 3

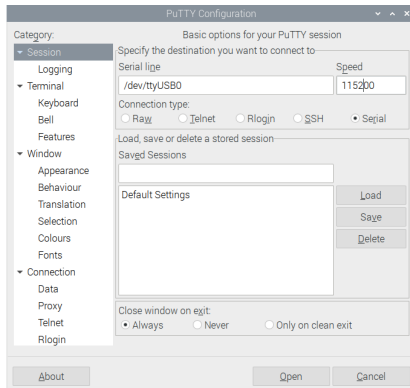
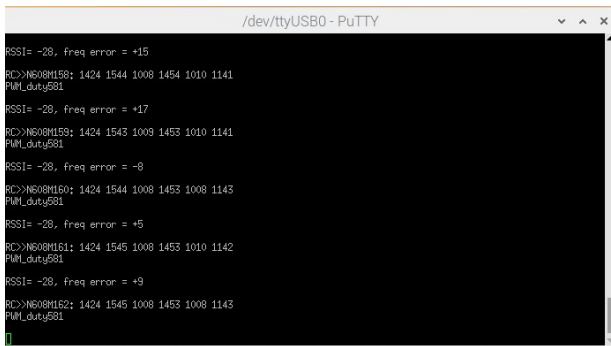


Figure: PUTTY Configuration

Step 4

- Make the transmitter Dory in 'Fly' mode.



```
/dev/ttyUSB0 - PuTTY

RSSI= -28, freq error = +15
RC>>N608M158; 1424 1544 1008 1454 1010 1141
PWM_duty581

RSSI= -28, freq error = +17
RC>>N608M159; 1424 1543 1009 1453 1010 1141
PWM_duty581

RSSI= -28, freq error = -8
RC>>N608M160; 1424 1544 1008 1453 1008 1143
PWM_duty581

RSSI= -28, freq error = +5
RC>>N608M161; 1424 1545 1008 1453 1010 1142
PWM_duty581

RSSI= -28, freq error = +9
RC>>N608M162; 1424 1545 1008 1453 1008 1143
PWM_duty581
```

Figure: Serial Output of PUTTY for Rx. DORY