

ECE177: Programming I: From C...

Lab #1 — PuTTY Configuration

1 Introduction

This describes getting a serial port connection to the Pi-Pico from Windows after setting up the PuTTY utility.

1. Open PuTTY and select the “serial” connection type.



Figure 1: Select serial here.

2. Search for and open the “device manager”

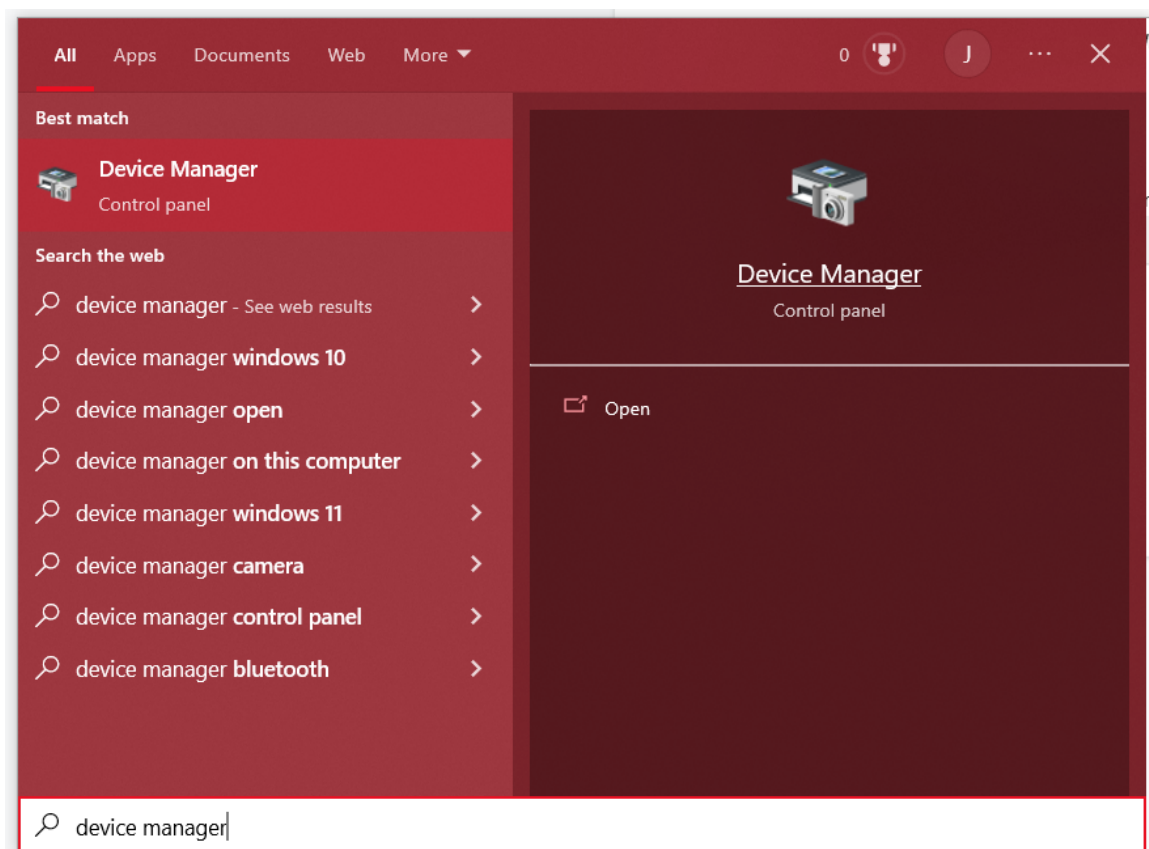


Figure 2: Opening the device manager.

3. Under “ports” find the USB serial device and identify the serial port. In the example below the serial port is COM3.

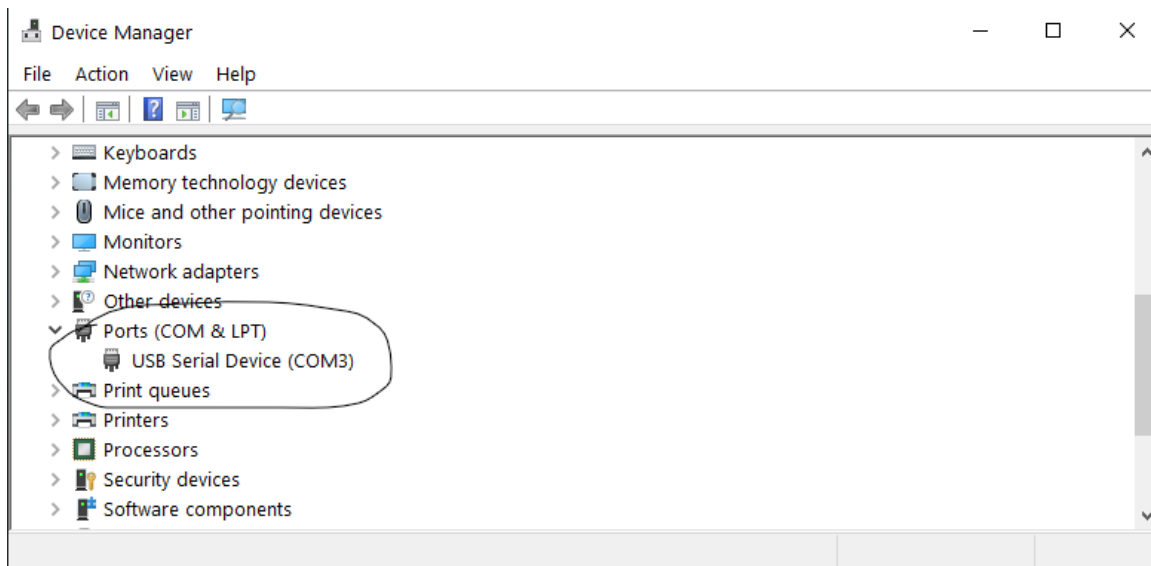


Figure 3: Finding the proper COM port.

4. Now in the “PuTTY setup” set “serial line” to the COM port you found previously, and set the “speed” to 115200.

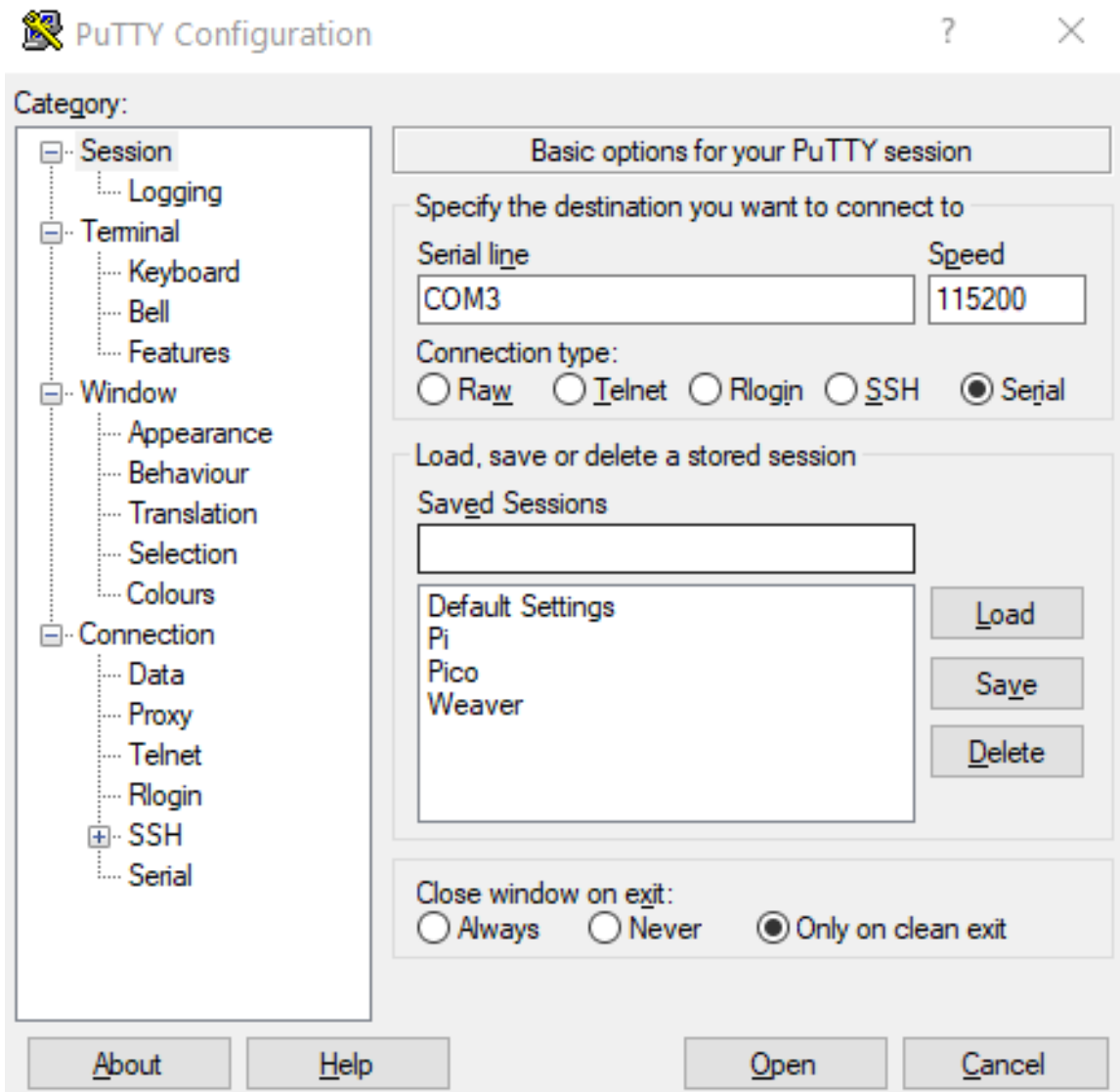


Figure 4: Setting the serial port speed rate.

5. Now in the “PuTTY setup” set “serial line” to the COM port you found previously, and set the “speed” to 115200.
6. In “Saved Sessions” type “Pico” and click the save button. This will save the settings for this Raspberry Pi Pico device which you can use later.
7. You should now be able to see a “Pico” session in the box below the saved sessions bar
8. Double click the “Pico” saved session
9. The result of connecting to the pico should look like this:



Figure 5: Example output from the Pi Pico.

10. Show this output to a TA to prove that your Pico is working with PuTTY.