Terminal via serial port on MacOS Sonoma

Connect

Verify connectivity

```
system_profiler SPUSBDataType | grep -i -A5 serial
```

```
anton@ant1mbp4 ~ % system_profiler SPUSBDataType | grep -i -A5 serial
2026-04-01 21:12:57.369 system_profiler[1802:28495] SPUSBDevice: IOCreatePlugInInterfaceForService failed 0xe00002be
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2026-04-01 21:12:57.372 system_profiler[1802:28495] SPUSBDevice: IOCreatePlugInInterfaceForService failed 0xe00002be
                  Serial Number: 1
                  Speed: Up to 5 Gb/s
                  Manufacturer: Realtek
                  Location ID: 0x01334000 / 7
                  Current Available (mA): 900
                  Current Required (mA): 288
--
                          Serial Number:
                          Speed: Up to 12 Mb/s
                          Manufacturer: USB-RS232 Interface Converter
                          Location ID: 0x01131140 / 14
                          Current Available (mA): 500
                          Current Required (mA): 50
--
                          Serial Number:
                          Speed: Up to 480 Mb/s
                          Location ID: 0x01131130 / 13
                          Current Available (mA): 500
                          Current Required (mA): 500
                          Extra Operating Current (mA): 0
```

```
ioreg -p IOUSB
```



Identify device

```
ls -ltr /dev/tty*
```

```
crw-rw-rw-  1 root   wheel   0x4000003  1 Apr 20:54 /dev/ttyp3
crw-rw-rw-  1 root   wheel   0x4000002  1 Apr 20:54 /dev/ttyp2
crw-rw-rw-  1 root   wheel   0x4000001  1 Apr 20:54 /dev/ttyp1
crw-rw-rw-  1 root   wheel   0x4000000  1 Apr 20:54 /dev/ttyp0
crw-rw-rw-  1 root   wheel   0x2000000  1 Apr 20:54 /dev/tty
crw-rw-rw-  1 root   wheel   0x9000002  1 Apr 20:54 /dev/tty.Bluetooth-Incoming-Port
crw-rw-rw-  1 root   wheel   0x9000000  1 Apr 20:54 /dev/tty.BLTH
crw--w----  1 anton  tty    0x10000000  1 Apr 21:18 /dev/ttys000
anton@ant1mbp4 ~ %
```

Disconnect, connect back, repeat command to identify it is exactly the same device (it will be usually owned by the root, but by user)

```
ls -ltr /dev/
```

```
crw-r--r--  1 root   wheel           0xa000004  1 Apr 20:54 auditsessions
crw-------  1 root   wheel           0xb000000  1 Apr 20:54 auditpipe
crw-------  1 root   wheel          0x14000001  1 Apr 20:54 afsc_type5
crw-rw-rw-  1 root   wheel           0x9000002  1 Apr 20:54 tty.Bluetooth-Incoming-Port
crw-rw-rw-  1 root   wheel           0x9000003  1 Apr 20:54 cu.Bluetooth-Incoming-Port
crw-rw-rw-  1 root   wheel          0x1e000000  1 Apr 20:54 uart.BLTH
crw-rw-rw-  1 root   wheel           0x9000000  1 Apr 20:54 tty.BLTH
crw-rw-rw-  1 root   wheel          0x16000000  1 Apr 20:54 nfsclnt
crw-rw-rw-  1 root   wheel          0x200003d9  1 Apr 20:54 autofs_nowait
crw-rw-rw-  1 root   wheel          0x21000011  1 Apr 20:54 autofs_notrigger
crw-rw-rw-  1 root   wheel          0x22000011  1 Apr 20:54 autofs_homedirmounter
crw-------  1 root   wheel          0x23000000  1 Apr 20:54 autofs_control
crw-------  1 root   wheel          0x1f000000  1 Apr 20:54 autofs
crw-rw-rw-  1 root   wheel          0x11000000  1 Apr 20:59 random
crw-------  1 root   wheel          0x17000001  1 Apr 21:02 bpf1
crw-------  1 root   wheel          0x17000000  1 Apr 21:02 bpf0
crw-------  1 anton  staff                 0x0  1 Apr 21:12 console
crw-rw-rw-  1 root   wheel           0x9000001  1 Apr 21:19 cu.BLTH
crw-rw-rw-  1 root   wheel           0x3000002  1 Apr 21:21 null
crw-rw-rw-  1 root   tty             0xf000000  1 Apr 21:21 ptmx
crw--w----  1 anton  tty          0x10000003  1 Apr 21:21 ttys003
anton@ant1mbp4 ~ % ls -ltr /dev/
```

Attach `screen` to the serial port

```
screen /dev/ttys003 115200
```

Exit nicely, press

```
CTRL+A
K
Y
```

```
Really kill this window [y/n]
```

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