

Serial Devices

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serial by-id

sehr hilfreich

http://www.drklipper.de/doku.php?id=videos%3A42_-klipper_faq_-ls_dev_serial_by-id_murks

via serial to omada device

minicom was working fine.

Attach the "Serial to USB" cable to the linux host. (raspy3)

ssh in to the host

```
ssh raspy3
```

```
apt install minicom
```

```
minicom -s
```

```
+-----[configuration]-----+
| Filenames and paths      |
| File transfer protocols  |
| Serial port setup        |
| Modem and dialing        |
| Screen and keyboard      |
| Save setup as dfl         |
| Save setup as..          |
| Exit                      |
| Exit from Minicom        |
+-----+

```

Select "Serial port setup" and press Enter

```
+-----+
| A - Serial Device      : /dev/ttyUSB0          |
| B - Lockfile Location  : /var/lock              |
| C - Callin Program     :                      |
| D - Callout Program    :                      |
| E - Bps/Par/Bits       : 38400 8N1             |
| F - Hardware Flow Control : No                 |
| G - Software Flow Control : No                 |
| H - RS485 Enable       : No                    |
| I - RS485 Rts On Send  : No                    |

```

```

| J - RS485 Rts After Send : No |
| K - RS485 Rx During Tx : No |
| L - RS485 Terminate Bus : No |
| M - RS485 Delay Rts Before: 0 |
| N - RS485 Delay Rts After : 0 |
|                               |
|   Change which setting?      |
+-----+

```

press "a" and edit the device name

press "e" to setup the connection parameters

```

+-----[Comm Parameters]-----+
|                               |
|   Current: 38400 8N1        |
| Speed      Parity   Data |
| A: <next>    L: None   S: 5 |
| B: <prev>    M: Even   T: 6 |
| C:  9600    N: Odd    U: 7 |
| D: 38400    O: Mark   V: 8 |
| E: 115200   P: Space   |
|                               |
| Stopbits           |
| W: 1             Q: 8-N-1 |
| X: 2             R: 7-E-1 |
|                               |
|                               |
| Choice, or <Enter> to exit? |
+-----+

```

press "d" for the speed and Enter to exit

```

+-----+
| A - Serial Device   : /dev/ttyUSB0 |
| B - Lockfile Location : /var/lock |
| C - Callin Program   : |
| D - Callout Program  : |
| E - Bps/Par/Bits     : 38400 8N1 |
| F - Hardware Flow Control : Yes |
| G - Software Flow Control : No |

```

```

| H - RS485 Enable      : No      |
| I - RS485 Rts On Send : No      |
| J - RS485 Rts After Send : No   |
| K - RS485 Rx During Tx  : No    |
| L - RS485 Terminate Bus : No     |
| M - RS485 Delay Rts Before: 0    |
| N - RS485 Delay Rts After : 0    |
|                               |
| Change which setting?          |
+-----+

```

press "f" for "Hardware Flow Control" and set to "no" and Enter to exit.

```

+-----[configuration]-----+
| Filenames and paths      |
| File transfer protocols  |
| Serial port setup       |
| Modem and dialing       |
| Screen and keyboard     |
| Save setup as dfl       |
| Save setup as..        |
| Exit                    |
| Exit from Minicom      |
+-----+

```

Select "Save setup as dfl" amd Enter

Select "Exit" to leave the setup

to use minicom "minicom" and Enter

```

minicom ENTER

=====
Welcome to minicom 2.8

OPTIONS: l18n
Port /dev/ttyUSB0, 10:37:20

Press CTRL-A Z for help on special keys

=====

```

Enter

=====

***** User Access Login *****

User:omada

Password: <password>

#2006-01-01 08:17:36,[User]/5/Login the CLI by omada on console.

SX3008F>

to leave minicom close the Terminal window. Not found a way to exit minicom up to now