Eth/Com

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1 Introduction

CCC interface use a female/female null modem cable. So as to command CCC (as all the other cards) form a single Ethernet cable, we provide such a device describe in this documentation.

2 Configuration

2.1 Via Ethernet using Telnet

Either configure the COMETH device by following the documentation sheet coming with device (as describe below). Otherwise don't change its switches (no "admin mode" required), connect the device directly to an ethernet port of the PC, set the IP of your eth port to 192.168.1.XXX, eg : sudo ifconfig ethX 192.168.1.42 up Then telnet to the device : `telnet 192.168.1.20`

Afterwards simply configure its parameters : `> login root` ... (see below).

2.2 Via serial link using Screen

This show how we push the configuration (needed to talk to the CCC) with an USB/Serial adaptater :

- Try `stty -F /dev/ttyUSB0 -a`
- Plug the USB serial adaptater and retry the above command. (this meed the `pl2303` kernel module to be load)
- Login as root using `screen` :

```
$ screen /dev/ttyUSB0 2400
(type return)
> login root
password: root
Ok
> set default
> set net ip 192.168.1.20
> set serial baudrate 115200
> set serial mode raw         (no futur distant configuration)
> show serial port
 2300
   ---> This is the TCP port you need to use to talk to the
        remote serial dev (eg. CCC)
 > save
 > reset
C-a+c
$
```