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X25

```
cft1:/opt/SUNWconn/bin> /etc/init.d/x25.control start
Starting the X.25 software - please wait
X.25 : Creating link 0...
X.25 : failed to open driver "/dev/zsh0" : Device busy
X.25 : Can't create level 2 for link 0
X.25 : link 0 has been stopped

The network failed to come up correctly.
```

Les binaires :

```
cft1:/opt/SUNWconn/bin> ls -ltr
total 76
lrwxrwxrwx   1 root     other         18 May 19  1999 lltune -> ../llc2/bin/lltune
lrwxrwxrwx   1 root     other         18 May 19  1999 iflayer -> ../x25/bin/iflayer
lrwxrwxrwx   1 root     other         14 May 19  1999 PAD -> ../x25/bin/PAD
lrwxrwxrwx   1 root     other         15 May 19  1999 padd -> ../x25/bin/padd
lrwxrwxrwx   1 root     other         14 May 19  1999 pad -> ../x25/bin/pad
lrwxrwxrwx   1 root     other         17 May 19  1999 nuimap -> ../x25/bin/nuimap
lrwxrwxrwx   1 root     other         18 May 19  1999 mlptune -> ../x25/bin/mlptune
lrwxrwxrwx   1 root     other         19 May 19  1999 linkstop -> ../x25/bin/linkstop
lrwxrwxrwx   1 root     other         20 May 19  1999 linkstate -> ../x25/bin/linkstate
lrwxrwxrwx   1 root     other         20 May 19  1999 linkstart -> ../x25/bin/linkstart
lrwxrwxrwx   1 root     other         20 May 19  1999 linkreset -> ../x25/bin/linkreset
lrwxrwxrwx   1 root     other         19 May 19  1999 linklist -> ../x25/bin/linklist
lrwxrwxrwx   1 root     other         18 May 19  1999 linkdel -> ../x25/bin/linkdel
lrwxrwxrwx   1 root     other         18 May 19  1999 linkadd -> ../x25/bin/linkadd
lrwxrwxrwx   1 root     other         18 May 19  1999 laptune -> ../x25/bin/laptune
lrwxrwxrwx   1 root     other         18 May 19  1999 ixetune -> ../x25/bin/ixetune
lrwxrwxrwx   1 root     other         17 May 19  1999 ixemap -> ../x25/bin/ixemap
lrwxrwxrwx   1 root     other         18 May 19  1999 ixelist -> ../x25/bin/ixelist
lrwxrwxrwx   1 root     other         17 May 19  1999 ixedel -> ../x25/bin/ixedel
lrwxrwxrwx   1 root     other         17 May 19  1999 ixeadd -> ../x25/bin/ixeadd
lrwxrwxrwx   1 root     other         17 May 19  1999 iptune -> ../x25/bin/iptune
lrwxrwxrwx   1 root     other         17 May 19  1999 xtpmap -> ../x25/bin/xtpmap
lrwxrwxrwx   1 root     other         18 May 19  1999 x25tune -> ../x25/bin/x25tune
lrwxrwxrwx   1 root     other         19 May 19  1999 x25trace -> ../x25/bin/x25trace
lrwxrwxrwx   1 root     other         18 May 19  1999 x25tool -> ../x25/bin/x25tool
lrwxrwxrwx   1 root     other         18 May 19  1999 x25stat -> ../x25/bin/x25stat
lrwxrwxrwx   1 root     other         22 May 19  1999 x25secutune -> ../x25/bin/x25secutune
lrwxrwxrwx   1 root     other         19 May 19  1999 x25route -> ../x25/bin/x25route
lrwxrwxrwx   1 root     other         18 May 19  1999 x25netd -> ../x25/bin/x25netd
lrwxrwxrwx   1 root     other         18 May 19  1999 x25info -> ../x25/bin/x25info
lrwxrwxrwx   1 root     other         18 May 19  1999 x25file -> ../x25/bin/x25file
lrwxrwxrwx   1 root     other         19 May 19  1999 x25diags -> ../x25/bin/x25diags
lrwxrwxrwx   1 root     other         18 May 19  1999 wantune -> ../x25/bin/wantune
lrwxrwxrwx   1 root     other         17 May 19  1999 vcstat -> ../x25/bin/vcstat
lrwxrwxrwx   1 root     other         19 May 19  1999 snmpx25d -> ../x25/bin/snmpx25d
lrwxrwxrwx   1 root     other         17 May 19  1999 pvcmap -> ../x25/bin/pvcmap
lrwxrwxrwx   1 root     other         16 May 19  1999 padxd -> ../x25/bin/padxd
lrwxrwxrwx   1 root     other         19 May 19  1999 padprntd -> ../x25/bin/padprntd
```

- Pour avoir des infos sur les liens

```
cft1:/opt/SUNWconn/bin> ./x25info
Usage: x25info [-h | -l]
        -h      get some help (this)
        -ln     specify the link number (n)
Configuration:
Link 000 : device /dev/zsh0
Link 001 : device /dev/zsh1
Link 003 : device /dev/wloop1

cft1:/opt/SUNWconn/bin> ./x25info -l0
cft1:/opt/SUNWconn/bin> ./x25info -l1
cft1:/opt/SUNWconn/bin> ./x25info -l3
```

- Les modules sont chargés donc la carte est fonctionnelle physiquement :

```
cft1:/opt/SUNWconn/bin> modinfo |egrep "x25|zsh"
 77 f5b36c54    270  56   1  x25sock (X.25 socket driver 9.1)
 78 f5b50368  23ee9  15   1  x25 (Sun X.25 module 9.1)
```

```
78 f5b50368  23ee9  55   1  x25 (Sun X.25 driver 9.1)
81 f5b76b80    ff3  12   1  x25secu (Sun X.25 secu module 9.1)
82 f6870000   5bc5  16   1  x25mod (Sun X.25 socketmod 9.1)
97 f656c000   3d17  71   1  zsh (Z8530 serial HDLC drv V1.51)
```

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