pcat(1)

```
$ groff -man -Tascii pcat.1 | col -b > manual.txt

PCAT(1)    pcat Manual        PCAT(1)



NAME
       pcat - raw socket necat like tool

SYNOPSIS
       tools/pcat [-h] [OPTIONS]

DESCRIPTION
       pcat  is  a  tool  using  the libpcap basic features.  For instance, it
       allow to reinject raw socket data captured using tcpdump.

OPTIONS
       The following options are supported:

       -m     Mode amongs ping, snif, record, replay (default).
      ping send a LDA Version packet (or bit stream with -i)
      snif hexadecimal dump (as tcpdump)
      record binary dump (as tcpdump -w)
      replay re-inject a previous binary dump done with record

       -I     Interface to use like eth0

       -M     LDA mac address to use like xx:xx:xx:xx:xx:xx

       -Z     Host mac address to use (using replay mode)

       -t     Sleeping time between 2 paquets (using replay mode)

       -i     Input file

       -o     Output file

       -f     Used facility for logging

       -s     Used severity for logging

       -l     File to log into

       -h     Print a short help text describing  the  supported  command-line
      options, and then exit.

EXEMPLE
   CAPTURE DATA
       # ./config polcaldaq.conf -m4 -s
       # tcpdump -xx -s 1024 -i eth0 ether host 5e:70:0c:d2:54:fe -w dump.pcap
       (now activate triggers via CCC)

   RE-INJECT DATA
       #  ./exemple  polcaldaq.conf -i1000 -t100 -d500000 -m4 -S2 -U10 -p eth0
       -n
```

```
# tools/pcat -I eth0  -M  5e:70:0c:d2:54:fe  -Z  aa:aa:aa:aa:aa:aa  -m
replay -i dump.raw -t 100
```

BUGS

Please note that "lo" interface didn’t accept to replay packets and unlinked ethernet card too. So you should use an existing ethernet interface linked to wathever other host in order to reinject packets using the pcat tool.

REPORTING BUGS

Please send a report to nicolas.roche@llr.in2p3.fr

AUTHORS

Nicolas Roche, David Decotigny.

LICENCE

SEE ALSO

The full documentation for libLDA is maintained as a Latex2Html intranet. If a browser is installed at your site, the URL <http://polype/~roche/calicei/>should give you access to the complete manual.
libLDA(5), calDump(1)