

pcat(1)

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

pcat - raw socket ncat 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, sniff, record, replay (default).
ping send a LDA Version packet (or bit stream with -i)
sniff 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.

EXAMPLE

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 whatever other host in order to reinject packets using the pcat tool.

REPORTING BUGS

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

AUTHORS

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LICENCE

This software is released under the GNU General Public License. Please read the COPYING file for more information.

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/>](http://polype/~roche/calicei/) should give you access to the complete manual.
libLDA(5), calDump(1)

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