

NAME

randpkt dump – Provide an interface to generate random captures using randpkt

SYNOPSIS

```
randpkt dump [ --help ] [ --version ] [ --extcap-interfaces ] [ --extcap-dlts ]
[ --extcap-interface=<interface> ] [ --extcap-config ] [ --capture ] [ --fifo=<path to file or pipe> ]
[ --maxbytes=<bytes> ] [ --count=<num> ] [ --delay=<ms> ] [ --random-type=<true|false> ]
[ --all-random=<true|false> ] [ --type=<packet type> ]
```

DESCRIPTION

randpkt dump is a extcap tool that provides access to the random packet generator (randpkt). It is mainly used for testing and educational purpose.

OPTIONS

--help

Print program arguments.

--version

Print program version.

--extcap-interfaces

List available interfaces.

--extcap-interface=<interface>

Use specified interfaces.

--extcap-dlts

List DLTs of specified interface.

--extcap-config

List configuration options of specified interface.

--capture

Start capturing from specified interface save saved it in place specified by --fifo.

--fifo=<path to file or pipe>

Save captured packet to file or send it through pipe.

--maxbytes=<bytes>

Set the max number of bytes per packet.

--count=<num>

Number of packets to generate (-1 for infinite).

--delay=<ms>

Wait a number of milliseconds after writing each packet.

`--random-type`

Choose a random packet type for all packets if set to true.

`--all-random`

Choose a different random packet type for each packet if set to true.

`--type=<packet type>`

Use the selected packet type. To list all the available packet type, run `randpkt dump --help`.

EXAMPLES

To see program arguments:

```
randpkt dump --help
```

To see program version:

```
randpkt dump --version
```

To see interfaces:

```
randpkt dump --extcap-interfaces
```

Example output

```
interface {value=randpkt}{display=Random packet generator}
```

To see interface DLTs:

```
randpkt dump --extcap-interface=randpkt --extcap-dlts
```

Example output

```
dlt {number=1}{name=randpkt}{display=Ethernet}
```

To see interface configuration options:

```
randpkt dump --extcap-interface=randpkt --extcap-config
```

Example output

```
arg {number=0}{call=--maxbytes}{display=Max bytes in a packet}{type=unsigned}{ran
arg {number=1}{call=--count}{display=Number of packets}{type=long}{default=1000}{
arg {number=2}{call=--delay}{display=Packet delay (ms)}{type=long}{default=0}{too
arg {number=3}{call=--random-type}{display=Random type}{type=boolflag}{default=fa
arg {number=4}{call=--all-random}{display=All random packets}{type=boolflag}{defa
arg {number=5}{call=--type}{display=Type of packet}{type=selector}{tooltip=Type o
value {arg=5}{value=arp}{display=Address Resolution Protocol}
[...]
value {arg=5}{value=usb-linux}{display=Universal Serial Bus with Linux specific h
```

To capture:

```
randpkt dump --extcap-interface=randpkt --fifo=/tmp/randpkt.pcapng --capture
```

Note

To stop capturing CTRL+C/kill/terminate application.

SEE ALSO

wireshark(1), tshark(1), dumpcap(1), extcap(4), randpkt(1)

NOTES

randpkt dump is part of the **Wireshark** distribution. The latest version of **Wireshark** can be found at <https://www.wireshark.org>.

HTML versions of the Wireshark project man pages are available at <https://www.wireshark.org/docs/man-pages>.

AUTHORS

Original Author

Dario Lombardo <lomato[AT]gmail.com>