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# Driftnet

Inspired by [EtherPEG](http://www.etherpeg.org/) , Driftnet is a program which listens to network traffic and picks out images from TCP streams it observes. Fun to run on a host which sees lots of web traffic.

DRIFTNET(1) DRIFTNET(1)

**Manual Info**

**NAME**

driftnet - capture images from network traffic and display them in an X window; optionally, capture audio streams and play them.

**SYNOPSIS**

**driftnet** [*options*] [*filter* *code*]

**DESCRIPTION**

**Driftnet** watches network traffic, and picks out and displays JPEG and GIF images for display.

It has been described as `a graphical **tcpdump**(8)',`*EtherPeg* for Unix'. It is also possible to use **driftnet** to capture MPEG audio data from the network and play it through a player such as **mpg123**(1). Images may be saved by clicking on them.

**OPTIONS**

**-h** Print a summary of usage.

**-v** Print additional details of packets captured to the terminal.

**-i** *interface*

Listen to packets on *interface*. By default, **driftnet** will try to pick up traffic on all interfaces,

but this does not work with all versions of **pcap**(3); on such systems, an interface must be specified. On some systems, **driftnet** can only use promiscuous mode if an interface is specified.

**-p** Do not put the interface into promiscuous mode.

**-a** Operate in `adjunct mode', where driftnet gathers images for use by another program, such as Jamie Zawinski's **webcollage**. In this mode, no window is displayed; images are captured and saved in a temporary directory, and their names written on standard output.

**-m** *number*

In adjunct mode, silently drop images if there are more than *number* in the temporary directory. It is assumed that another process will delete images, which it has processed.

**-x** *prefix*

The filename prefix to use when saving images, by default `driftnet-'.

**-d** *directory*

Use *directory* to store temporary files. **Driftnet** will clear this directory of its own temporary

files on exit, but will not delete the directory or any other files.

**-s** Attempt to capture streamed audio data from the network, and either play it or, in adjunct mode, save it in files. At present this only works with MPEG data.

**-S** Capture streamed audio data only, ignoring images.

**-M** *command*

Use the named *command* to play MPEG audio data. The *command*, which is executed using the shell, should accept MPEG frames on standard input. The default is `mpg123 -'. *filter* *code*Additional filter code to restrict the packets captured, in the libpcap syntax. User filter code is evaluated as `tcp and (*filter* *code*)'.

**SEE** **ALSO**

**tcpdump**(8), **pcap**(3), **webcollage**(1), **mpg123**(1),

*http://www.etherpeg.org/*,

**VERSION**

**Driftnet**, version 0.1.6.

$Id: driftnet.1.in,v 1.5 2002/06/04 15:39:54 chris Exp $

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**Download**

A safe version of etrace can be obtained from the InfraGard site at: [insert link] [driftnet-0.1.6.tar.gz](http://www.ex-parrot.com/~chris/driftnet/driftnet-0.1.6.tar.gz).

You should be able to build it by typing `make'; there is no autoconf script. You can also read the README file, changelog, and list of things to do. Or, read the manual page. It has only been tested on Linux and Solaris.

You need libpcap, libjpeg, libungif and GTK to build driftnet, unless you want to run it in only in `adjunct' mode.

If you want to play music, you need mpg123 or mpg321 or whatever.

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