

NAME

fwip - IP over FireWire driver

SYNOPSIS

To compile this driver into the kernel, place the following lines in your kernel configuration file:

```
device firewire  
device fwip
```

Alternatively, to load the driver as a module at boot time, place the following lines in loader.conf(5):

```
firewire_load="YES"  
if_fwip_load="YES"
```

DESCRIPTION

The **fwip** driver provides standard IP over FireWire (IEEE 1394) based on the protocols described in RFC 2734 and RFC 3146.

The firewire(4) and fwohci(4) drivers must be configured in the kernel as well.

This driver supports polling(4) as well if it is compiled with the DEVICE_POLLING option.

SEE ALSO

arp(4), firewire(4), fwe(4), fwohci(4), netintro(4), polling(4), ifconfig(8), kldload(8), sysctl(8)

HISTORY

The **fwip** device driver first appeared in FreeBSD 5.3.

AUTHORS

The **fwip** driver and this manual page were written by Doug Rabson, based on earlier work by Hidetoshi Shimokawa.

BUGS

This driver currently does not support the MCAP protocol for multicast IP over FireWire. Multicast packets are treated as broadcast packets which is sufficient for most trivial uses of multicast.