

NAME

pcap_setfilter - set the filter

SYNOPSIS

```
#include <pcap/pcap.h>
```

```
int pcap_setfilter(pcap_t *p, struct bpf_program *fp);
```

DESCRIPTION

pcap_setfilter() is used to specify a filter program. *fp* is a pointer to a *bpf_program* struct, usually the result of a call to **pcap_compile(3)**.

RETURN VALUE

pcap_setfilter() returns **0** on success, **PCAP_ERROR_NOT_ACTIVATED** if called on a capture handle that has been created but not activated, or **PCAP_ERROR** on other errors. If **PCAP_ERROR** is returned, **pcap_geterr(3)** or **pcap_perror(3)** may be called with *p* as an argument to fetch or display the error text.

SEE ALSO

pcap(3)