

**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)**