

**NAME**

`pcap_offline_filter` – check whether a filter matches a packet

**SYNOPSIS**

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

```
int pcap_offline_filter(const struct bpf_program *fp,  
                        const struct pcap_pkthdr *h, const u_char *pkt)
```

**DESCRIPTION**

`pcap_offline_filter()` checks whether a filter matches a packet. *fp* is a pointer to a *bpf\_program* struct, usually the result of a call to `pcap_compile(3PCAP)`. *h* points to the *pcap\_pkthdr* structure for the packet, and *pkt* points to the data in the packet.

**RETURN VALUE**

`pcap_offline_filter()` returns the return value of the filter program. This will be zero if the packet doesn't match the filter and non-zero if the packet matches the filter.

**SEE ALSO**

`pcap(3PCAP)`