NAME

pcap_can_set_rfmon - check whether monitor mode can be set for a not-yet-activated capture handle

SYNOPSIS

#include <pcap/pcap.h>

int pcap_can_set_rfmon(pcap_t *p);

DESCRIPTION

pcap_can_set_rfmon() checks whether monitor mode could be set on a capture handle when the handle is activated.

RETURN VALUE

pcap_can_set_rfmon() returns **0** if monitor mode could not be set, **1** if monitor mode could be set, and a negative value on error. A negative return value indicates what error condition occurred. The possible error values are:

PCAP_ERROR_NO_SUCH_DEVICE

The capture source specified when the handle was created doesn't exist.

PCAP_ERROR_PERM_DENIED

The process doesn't have permission to check whether monitor mode could be supported.

PCAP_ERROR_ACTIVATED

The capture handle has already been activated.

PCAP_ERROR

Another error occurred. **pcap_geterr**(3) or **pcap_perror**(3) may be called with *p* as an argument to fetch or display a message describing the error.

Additional error codes may be added in the future; a program should check for **0**, **1**, and negative, return codes, and treat all negative return codes as errors. **pcap_statustostr**(3) can be called, with a warning or error code as an argument, to fetch a message describing the warning or error code.

SEE ALSO

pcap(3), **pcap_create**(3), **pcap_activate**(3), **pcap_set_rfmon**(3)