

NAME

accf_data - buffer incoming connections until data arrives

SYNOPSIS

options INET

options ACCEPT_FILTER_DATA

kldload accf_data

DESCRIPTION

This is a filter to be placed on a socket that will be using **accept()** to receive incoming connections.

It prevents the application from receiving the connected descriptor via **accept()** until data arrives on the connection.

The *ACCEPT_FILTER_DATA* kernel option is also a module that can be enabled at runtime via **kldload(8)** if the INET option has been compiled into the kernel.

EXAMPLES

Assuming *ACCEPT_FILTER_DATA* has been included in the kernel config file or the **accf_data** module has been loaded, this will enable the data accept filter on the socket *sok*.

```
struct accept_filter_arg afa;

bzero(&afa, sizeof(afa));
strcpy(afa.af_name, "dataready");
setsockopt(sok, SOL_SOCKET, SO_ACCEPTFILTER, &afa, sizeof(afa));
```

SEE ALSO

setsockopt(2), **accept_filter(9)**, **accf_dns(9)**, **accf_http(9)**

HISTORY

The accept filter mechanism and the **accf_data** filter were introduced in FreeBSD 4.0.

AUTHORS

This manual page and the filter were written by Alfred Perlstein.