NAME

closefrom, **close_range** - delete open file descriptors

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

#include <unistd.h>

void
closefrom(*int lowfd*);

int
close_range(*u_int lowfd*, *u_int highfd*, *int flags*);

DESCRIPTION

The **closefrom**() system call deletes all open file descriptors greater than or equal to *lowfd* from the per-process object reference table. Any errors encountered while closing file descriptors are ignored.

The **close_range**() system call deletes all open file descriptors between *lowfd* and *highfd* inclusive, clamped to the range of open file descriptors. Any errors encountered while closing file descriptors are ignored. Supported *flags*:

CLOSE_RANGE_CLOEXEC Set the close-on-exec flag on descriptors in the range instead of closing them.

RETURN VALUES

Upon successful completion, **close_range**() returns a value of 0. Otherwise, a value of -1 is returned and the global variable *errno* is set to indicate the error.

ERRORS

The **close_range**() system call will fail if:

[EINVAL]   The *highfd* argument is lower than the *lowfd* argument.

[EINVAL]   An invalid flag was set.

SEE ALSO

close(2)

HISTORY

The **closefrom**() function first appeared in FreeBSD 8.0.