NAME
tcsetpgrp - set foreground process group ID

LIBRARY
Standard C Library (libc, -lc)

SYNOPSIS
#include <unistd.h>

int
tcsetpgrp(*int fd*, *pid_t pgrp_id*);

DESCRIPTION
If the process has a controlling terminal, the **tcsetpgrp**() function sets the foreground process group ID associated with the terminal device to *pgrp_id*. The terminal device associated with *fd* must be the controlling terminal of the calling process and the controlling terminal must be currently associated with the session of the calling process. The value of *pgrp_id* must be the same as the process group ID of a process in the same session as the calling process.

RETURN VALUES
The **tcsetpgrp**() function returns the value 0 if successful; otherwise the value -1 is returned and the global variable *errno* is set to indicate the error.

ERRORS
The **tcsetpgrp**() function will fail if:

[EBADF]　　　　　　　The *fd* argument is not a valid file descriptor.

[EINVAL]　　　　　　An invalid value of *pgrp_id* was specified.

[ENOTTY]　　　　　　The calling process does not have a controlling terminal, or the file represented by *fd* is not the controlling terminal, or the controlling terminal is no longer associated with the session of the calling process.

[EPERM]　　　　　　The *pgrp_id* argument does not match the process group ID of a process in the same session as the calling process.

SEE ALSO
setpgid(2), setsid(2), tcgetpgrp(3)

STANDARDS

The **tcsetpgrp**() function is expected to be compliant with the IEEE Std 1003.1-1988 ("POSIX.1") specification.