NAME
>   chdir, fchdir – change working directory

SYNOPSIS
>   **#include <unistd.h>**
>
>   **int chdir(const char ****path***);**
>   **int fchdir(int** *fd***);**

   Feature Test Macro Requirements for glibc (see **feature_test_macros**(7)):

>   **fchdir**(): _BSD_SOURCE || _XOPEN_SOURCE >= 500

DESCRIPTION
>   **chdir**() changes the current working directory of the calling process to the directory specified in *path*.
>
>   **fchdir**() is identical to **chdir**(); the only difference is that the directory is given as an open file descriptor.

RETURN VALUE
>   On success, zero is returned. On error, −1 is returned, and *errno* is set appropriately.

ERRORS
>   Depending on the file system, other errors can be returned. The more general errors for **chdir**() are listed below:
>
>   **EACCES**
>>   Search permission is denied for one of the components of *path*. (See also **path_resolution**(7).)
>
>   **EFAULT**
>>   *path* points outside your accessible address space.
>
>   **EIO**   An I/O error occurred.
>
>   **ELOOP**
>>   Too many symbolic links were encountered in resolving *path*.
>
>   **ENAMETOOLONG**
>>   *path* is too long.
>
>   **ENOENT**
>>   The file does not exist.
>
>   **ENOMEM**
>>   Insufficient kernel memory was available.
>
>   **ENOTDIR**
>>   A component of *path* is not a directory.
>
>   The general errors for **fchdir**() are listed below:
>
>   **EACCES**
>>   Search permission was denied on the directory open on *fd*.
>
>   **EBADF**
>>   *fd* is not a valid file descriptor.

CONFORMING TO
>   SVr4, 4.4BSD, POSIX.1-2001.

NOTES
>   The current working directory is the starting point for interpreting relative pathnames (those not starting with '/').
>
>   A child process created via **fork**(2) inherits its parent's current working directory. The current working directory is left unchanged by **execve**(2).

The prototype for **fchdir**() is only available if **_BSD_SOURCE** is defined, or **_XOPEN_SOURCE** is defined with the value 500.

SEE ALSO

      chroot(2), **getcwd**(3), **path_resolution**(7)

COLOPHON

      This page is part of release 3.22 of the Linux *man-pages* project. A description of the project, and information about reporting bugs, can be found at http://www.kernel.org/doc/man-pages/.