Rocky Enterprise Linux 9.2 Manual Pages on command 'telldir.3'

$ man telldir.3

TELLDIR(3)   Linux Programmer's Manual   TELLDIR(3)

NAME

  telldir - return current location in directory stream

SYNOPSIS

  #include <dirent.h>

  long telldir(DIR *dirp);

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

  telldir():

   _XOPEN_SOURCE

    || /* Glibc since 2.19: */ _DEFAULT_SOURCE

    || /* Glibc versions <= 2.19: */ _BSD_SOURCE || _SVID_SOURCE

DESCRIPTION

  The telldir() function returns the current location associated with the

  directory stream dirp.

RETURN VALUE

  On success, the telldir() function returns the current location in the

  directory stream. On error, -1 is returned, and errno is set appropri?

  ately.

ERRORS

    EBADF Invalid directory stream descriptor dirp.

ATTRIBUTES

    For an explanation of the terms used in this section, see at?

    tributes(7).

    ??????????????????????????????????????

    ?Interface ? Attribute   ? Value   ?

    ??????????????????????????????????????

    ?telldir() ? Thread safety ? MT-Safe ?

    ??????????????????????????????????????

CONFORMING TO

    POSIX.1-2001, POSIX.1-2008, 4.3BSD.

NOTES

    In glibc up to version 2.1.1, the return type of telldir() was off_t.

    POSIX.1-2001 specifies long, and this is the type used since glibc

    2.1.2.

    In early filesystems, the value returned by telldir() was a simple file

    offset within a directory. Modern filesystems use tree or hash struc?

    tures, rather than flat tables, to represent directories. On such

    filesystems, the value returned by telldir() (and used internally by

    readdir(3)) is a "cookie" that is used by the implementation to derive

    a position within a directory. Application programs should treat this

    strictly as an opaque value, making no assumptions about its contents.

SEE ALSO

    closedir(3),   opendir(3),   readdir(3),   rewinddir(3),   scandir(3),

    seekdir(3)

COLOPHON

    This page is part of release 5.10 of the Linux man-pages project.   A

    description of the project, information about reporting bugs, and the

    latest   version   of   this   page,   can   be   found   at

    https://www.kernel.org/doc/man-pages/.