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

C:\>man aio_fsync.3

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

NAME

aio_fsync - asynchronous file synchronization

SYNOPSIS

#include <aio.h>

int aio_fsync(int op, struct aiocb *aiocbp);

Link with -lrt.

DESCRIPTION

The aio_fsync() function does a sync on all outstanding asynchronous I/O operations associated with aiocbp->aio_fildes. (See aio(7) for a description of the aiocb structure.)

More precisely, if op is O_SYNC, then all currently queued I/O operations shall be completed as if by a call of fsync(2), and if op is O_DSYNC, this call is the asyn? chronous analog of fdatasync(2).

Note that this is a request only; it does not wait for I/O completion.

Apart from aio_fildes, the only field in the structure pointed to by aiocbp that is used by this call is the aio_sigevent field (a sigevent structure, described in sigevent(7)), which indicates the desired type of asynchronous notification at com? pletion. All other fields are ignored.

RETURN VALUE

On success (the sync request was successfully queued) this function returns 0. On error, -1 is returned, and errno is set appropriately.

ERRORS

EAGAIN Out of resources.

EBADF aio_fildes is not a valid file descriptor open for writing.

EINVAL Synchronized I/O is not supported for this file, or op is not O_SYNC or O_DSYNC.

ENOSYS aio_fsync() is not implemented.

VERSIONS

The aio_fsync() function is available since glibc 2.1.

ATTRIBUTES

For an explanation of the terms used in this section, see attributes(7).

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

?Interface ? Attribute ? Value ?

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

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

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

CONFORMING TO

POSIX.1-2001, POSIX.1-2008.

SEE ALSO

aio_cancel(3), aio_error(3), aio_read(3), aio_return(3), aio_suspend(3), aio_write(3), lio_listio(3), aio(7), sigevent(7)

COLOPHON

This page is part of release 5.05 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/.

2017-09-15 AIO_FSYNC(3)