AIO_ERROR(3)

NAME

aio_error - get error status of asynchronous I/O operation

SYNOPSIS

#include <aio.h>

int aio_error(const struct aiocb *aiocbp);

Link with -lrt.

DESCRIPTION

The **aio_error**() function returns the error status for the asynchronous I/O request with control block pointed to by aiocbp. (See **aio**(7) for a description of the aiocb structure.)

RETURN VALUE

This function returns one of the following:

* **EINPROGRESS**, if the request has not been completed yet.

* **ECANCELED**, if the request was canceled.

* 0, if the request completed successfully.

* A positive error number, if the asynchronous I/O operation failed. This is the same value that would have been stored in the errno variable in the case of a synchronous **read**(2), **write**(2), **fsync**(2), or **fdatasync**(2) call.

ERRORS

EINVAL aiocbp does not point at a control block for an asynchronous I/O request of which the return status (see **aio_return**(3)) has not been retrieved yet.

ENOSYS **aio_error**() is not implemented.

VERSIONS

The **aio_error**() function is available since glibc 2.1.

ATTRIBUTES

Multithreading (see pthreads(7))

The **aio_error**() function is thread-safe.

CONFORMING TO

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

EXAMPLE

See **aio**(7).

SEE ALSO

aio_cancel(3), **aio_fsync**(3), **aio_read**(3), **aio_return**(3), **aio_suspend**(3), **aio_write**(3), **lio_listio**(3), **aio**(7)

COLOPHON

This page is part of release 3.54 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/.

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