NAME

aio_error - retrieve error status of asynchronous I/O operation (REALTIME)

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

#include <aio.h>

int
aio_error(*const struct aiocb *iocb*);

DESCRIPTION

The **aio_error**() system call returns the error status of the asynchronous I/O request associated with the structure pointed to by *iocb*.

RETURN VALUES

If the asynchronous I/O request has completed successfully, **aio_error**() returns 0. If the request has not yet completed, EINPROGRESS is returned. If the request has completed unsuccessfully the error status is returned as described in read(2), readv(2), write(2), writev(2), or fsync(2). On failure, **aio_error**() returns -1 and sets errno to indicate the error condition.

ERRORS

The **aio_error**() system call will fail if:

[EINVAL] The *iocb* argument does not reference an outstanding asynchronous I/O request.

SEE ALSO

aio_cancel(2), aio_read(2), aio_readv(2), aio_return(2), aio_suspend(2), aio_write(2), aio_writev(2), fsync(2), read(2), write(2), aio(4)

STANDARDS

The **aio_error**() system call is expected to conform to the IEEE Std 1003.1 ("POSIX.1") standard.

HISTORY

The **aio_error**() system call first appeared in FreeBSD 3.0.

AUTHORS

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