NAME

aio_error − get error status of asynchronous I/O operation

LIBRARY

Real-time library (*librt*, −*lrt*)

SYNOPSIS

#include <aio.h>

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

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.

> 0   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

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

Interface	Attribute	Value
aio_error()	Thread safety	MT-Safe

STANDARDS

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

EXAMPLES

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)