

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.

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.1-2008.

HISTORY

glibc 2.1. POSIX.1-2001.

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)**