



Linux Ubuntu 26.04 Manual Pages on command 'aio_error.3'

\$ man aio_error.3

aio_error(3) Library Functions Manual aio_error(3)

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)`.

[illegible]

? Interface ? Attribute ? Value ?

[illegible]

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

[illegible]

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)

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