



Rocky Enterprise Linux 9.2 Manual Pages on command 'aio_error.3'

C:\>man aio_error.3

AIO_ERROR(3) Linux Programmer's Manual 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

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

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?Interface ? Attribute ? Value ?

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

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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 5.05 of the Linux man-pages project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.

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