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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'aio_error.3' command

$ 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.

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)

COLOPHON

This page is part of release 5.10 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/.

2020-06-09 AIO_ERROR(3)