



## ***Rocky Enterprise Linux 9.2 Manual Pages on command 'aio\_return.3'***

**C:\>man aio\_return.3**

AIO\_RETURN(3)                      Linux Programmer's Manual                      AIO\_RETURN(3)

### NAME

aio\_return - get return status of asynchronous I/O operation

### SYNOPSIS

```
#include <aio.h>
```

```
ssize_t aio_return(struct aiocb *aiocbp);
```

Link with -lrt.

### DESCRIPTION

The `aio_return()` function returns the final return status for the asynchronous I/O request with control block pointed to by `aiocbp`. (See `aio(7)` for a description of the `aiocb` structure.)

This function should be called only once for any given request, after `aio_error(3)` returns something other than `EINPROGRESS`.

### RETURN VALUE

If the asynchronous I/O operation has completed, this function returns the value that would have been returned in case of a synchronous `read(2)`, `write(2)`, `fsync(2)` or `fdatasync(2)`, call. On error, `-1` is returned, and `errno` is set appropriately.

If the asynchronous I/O operation has not yet completed, the return value and effect of `aio_return()` are undefined.

### ERRORS

`EINVAL` `aiocbp` does not point at a control block for an asynchronous I/O request of which the return status has not been retrieved yet.

ENOSYS aio\_return() is not implemented.

## VERSIONS

The aio\_return() 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\_return() ? 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\_error(3), aio\_fsync(3), aio\_read(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/>.