



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

\$ man aio_return.3

aio_return(3) Library Functions Manual aio_return(3)

NAME

aio_return - get return status of asynchronous I/O operation

LIBRARY

Real-time library (librt, -lrt)

SYNOPSIS

```
#include <aio.h>

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

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 to indicate the error.

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.

ATTRIBUTES

[illegible][illegible][illegible]

POSIX.1-2008.

glibc 2.1. POSIX.1-2001.

See aio(7).

aio_cancel(3), aio_error(3), aio_fsync(3), aio_read(3), aio_suspend(3), aio_write(3),

lio_listio(3), aio(7)

Linux man-pages 6.17

2026-02-08

```
aio_return(3)
```