



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

\$ 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)`.

??

?Interface ? Attribute ? Value ?

??

?`aio_return()` ? Thread safety ? MT-Safe ?

??

CONFORMING TO

POSIX.1-2001, POSIX.1-2008.

EXAMPLES

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 5.10 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_RETURN(3)