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

\$ 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 at?

tributes(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.

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

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