

NAME

`aiio_return` - get return status of asynchronous I/O operation

SYNOPSIS

```
#include <aiio.h>
```

```
ssize_t aiio_return(struct aiio_cb *aiio_cbp);
```

Link with `-lrt`.

DESCRIPTION

The `aiio_return()` function returns the final return status for the asynchronous I/O request with control block pointed to by `aiio_cbp`. (See [aiio\(7\)](#) for a description of the `aiio_cb` structure.)

This function should be called only once for any given request, after [aiio_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.

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

ERRORS**EINVAL**

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

ENOSYS

`aiio_return()` is not implemented.

VERSIONS

The `aiio_return()` function is available since glibc 2.1.

ATTRIBUTES**Multithreading (see [pthread\(7\)](#))**

The `aiio_return()` function is thread-safe.

CONFORMING TO

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

EXAMPLE

See [aiio\(7\)](#).

SEE ALSO

[aiio_cancel\(3\)](#), [aiio_error\(3\)](#), [aiio_fsync\(3\)](#), [aiio_read\(3\)](#), [aiio_suspend\(3\)](#), [aiio_write\(3\)](#), [lio_listio\(3\)](#), [aiio\(7\)](#)

COLOPHON

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