

NAME

`aiio_error` - get error status of asynchronous I/O operation

SYNOPSIS

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

```
int aiio_error(const struct aiiocb *aiiocbp);
```

Link with `-lrt`.

DESCRIPTION

The `aiio_error()` function returns the error status for the asynchronous I/O request with control block pointed to by `aiiocbp`. (See [aiio\(7\)](#) for a description of the `aiiocb` structure.)

RETURN VALUE

This function returns one of the following:

- * **EINPROGRESS**, if the request has not been completed yet.
- * **ECANCELED**, if the request was canceled.
- * 0, if the request completed successfully.
- * A positive error number, if the asynchronous I/O operation failed. This is the same value that would have been stored in the `errno` variable in the case of a synchronous [read\(2\)](#), [write\(2\)](#), [fsync\(2\)](#), or [fdatasync\(2\)](#) call.

ERRORS**EINVAL**

`aiiocbp` does not point at a control block for an asynchronous I/O request of which the return status (see [aiio_return\(3\)](#)) has not been retrieved yet.

ENOSYS

`aiio_error()` is not implemented.

VERSIONS

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

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

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

CONFORMING TO

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

EXAMPLE

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

SEE ALSO

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

COLOPHON

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