

**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**

This page is part of release 3.74 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 <http://www.kernel.org/doc/man-pages/>.