

NAME

aio – asynchronous I/O control block

LIBRARY

Standard C library (*libc*)

SYNOPSIS

```
#include <aio.h>
```

```
struct aio {
    int      aio_fildes; /* File descriptor */
    off_t    aio_offset; /* File offset */
    volatile void *aio_buf; /* Location of buffer */
    size_t   aio_nbytes; /* Length of transfer */
    int      aio_reqprio; /* Request priority offset */
    struct sigevent aio_sigevent; /* Signal number and value */
    int      aio_lio_opcode; /* Operation to be performed */
};
```

DESCRIPTION

For further information about this structure, see [aio\(7\)](#).

STANDARDS

POSIX.1-2024.

HISTORY

POSIX.1-1996.

SEE ALSO

[aio_cancel\(3\)](#), [aio_error\(3\)](#), [aio_fsync\(3\)](#), [aio_read\(3\)](#), [aio_return\(3\)](#), [aio_suspend\(3\)](#), [aio_write\(3\)](#), [lio_listio\(3\)](#)