NAME

libufs - operate on UFS file systems from userland

LIBRARY

UFS File System Access Library (libufs, -lufs)

SYNOPSIS

#include <sys/param.h>
#include <sys/mount.h>
#include <ufs/ufs/ufsmount.h>
#include <ufs/ufs/dinode.h>
#include <ufs/ffs/fs.h>
#include <libufs.h>

DESCRIPTION

The **libufs** library and the functions it provides are used for implementing utilities which need to access a UFS file system at a low level from userland. Facilities provided are used to implement utilities such as newfs(8) and dumpfs(8). The **libufs** library is designed to be simple, and to provide functions that are traditionally useful to have.

A disk is represented as the type *struct uufsd* as defined in <*libufs.h*>. The structure is filled out, operations are performed, and the disk is closed.

ERRORS

Functions provided by **libufs** return -1 in every functional error situation. They also set the *d_error* field of *struct uufsd* to a string describing the error.

SEE ALSO

berase(3), bread(3), bwrite(3), cgget(3), cgput(3), cgread(3), cgread1(3), cgwrite(3), cgwrite1(3), getinode(3), putinode(3), sbget(3), sbput(3), sbread(3), sbwrite(3), ufs_disk_close(3), ufs_disk_fillout(3), ufs_disk_fillout_blank(3), ufs_disk_write(3), ffs(7)

HISTORY

The libufs(3) library first appeared in FreeBSD 5.0.

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