

NAME

ltfs - Linear Tape File System

SYNOPSIS

ltfs *mount_point* [-o *mount_option*]

ltfs -h | -v

DESCRIPTION

libltfs is a C library implementing LTFS version 2.5.1 as defined by SNIA, also standardised as ISO/IEC 20919:2021. This is vendor-neutral and provides the classic **ltfs** and **mkltfs** utilities, as well as additional **ltfs_check** and **ltfs_copy** utilities.

The **ltfs** utility can be used as a drop-in replacement for any current proprietary LTFS implementation.

The **openLTFS** package includes the **libltfs** library and its associated **ltfs**, **ltfs_check**, **ltfs_copy** and **mkltfs** utilities, as well as the **openltfs** command-line interface.

OPTIONS

mount_point
set mount point

LTFS MOUNT OPTIONS

The following list is not exhaustive.

-o devname=*name*
tape device *name*

-o work_directory=*directory*
LTFS work *directory*

-o device_list
list available tape drives

FUSE MOUNT OPTIONS

-o umask=*mode*
override default permission mask

The format is a 3-digit octal and the default is *000*.

-o uid=*N*
set file owner

-o gid=*N*
set file group

EXPERIMENTAL MOUNT OPTIONS

The following list is not exhaustive.

-o config_file=*file*
path to configuration *file*

-o fmask=*mode*
override file permission mask

The format is a 3-digit octal and the default is *000*.

-o dmask=*mode*
override directory permission mask

The format is a 3-digit octal and the default is *000*.

-o scsi_append_only_mode={*on|off*}
switch *on* (default) or *off* tape drive append-only mode

OTHER OPTIONS

-h, --help, -a
display a help message

Unless many vendor's LTFS implementations, **-a** is an alias of **-h**. Note that the most comprehensive information is currently provided by this man page.

-v, --version, -V
display the running version

-V is an alias provided for compatibility with many vendor's LTFS implementations.

SEE ALSO

ltfs_check(1), **ltfs_copy(1)** and **mkltsfs(1)**; **libltfs(1)**; **openltfs(1)**.

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