

**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 **mklts** 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 **mklts** 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 **mklts(1)**; **libltfs(1)**; **opentfs(1)**.

**COPYRIGHT**

Copyright (c) 2017-2024 by Reto Kromer

**LICENSE**

The **openLTFS** package is released under a 3-Clause BSD License.

**DISCLAIMER**

The **openLTFS** package is provided "as is" without warranty or support of any kind.