

NAME

libltfs - LTFS for both tape drives and DIY tape libraries

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 **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

-t, --test

test that the **libmovim** library is correctly installed and properly working

-h, --help

display a help message

-v, --version

display the installed version of **libltfs** in the date-based *YYYY-MM-DD* format and the implemented version of LTFS in the semantic *major.minor[.patch]* format:

libltfs 2025-05-02

LTFS 2.5.1

USAGE

The easiest way to use **libltfs** is by the provided **ltfs**, **ltfs_check**, **ltfs_copy** and **mklts** utilities.

Of course, you could also include the library into your own applications by declaring the preprocessor directive:

```
#include "libltfs.h"
```

NOTES

libltfs works with the drives of the main manufacturers from generation LTO-5 to LTO-9.

libltfs has been successfully tested on various modern x86-64 and AArch64 architectures, running the following operating systems:

Linux: Debian 12.10 and 11.11; Ubuntu 25.04, 24.04.2 LTS, 22.04.5 LTS and 20.04.6 LTS;

Slackware 15.0

Macintosh: macOS 15.4.1, 14.7.5 and 13.7.5

Windows: 11 version 24H2, 23H2 and 22H2, running Terminal or Subsystem for Linux

SEE ALSO

ltfs(1), **ltfs_check(1)**, **ltfs_copy(1)** and **mkltfs(1)**; **openltfs(1)**.

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