

**NAME**

Thumbos – Software suited for loading Linux, Mac and Windows ISO images to Thumbdrives.

**SYNOPSIS**

```
thumbos -<--COMMAND> [option]
```

**FEATURES**

- Security
- CLI based
- Diversity
- Speed
- Low overhead

Thumbos uses as a backend dcfldd, similar to dd aka "disk destroyer" as taken from the wiki:

"dcfldd is an enhanced version of dd developed by the U.S. Department of Defense Computer Forensics Lab.

On-the-fly hashing of the transmitted data.

Progress bar of how much data has already been sent.

Wiping of disks with known patterns.

Verification that the image is identical to the original drive, bit-for-bit.

Simultaneous output to more than one file/disk is possible.

The output can be split into multiple files.

Logs and data can be piped into external applications. "

Lets cover the other features in short order. Low overhead? You can not beat a command-line interface (CLI) application in resource usage period and goes in hand in hand with speed accordingly. Diversity, is that it is CLI. Optionally directly test the thumbdrive to boot the O/S.

**COMMAND SWITCH USAGE**

Every 'flag' option has a 'no-flag' counterpart with exception of help. Specifying no switch is the same as using the **--help** switch.

If an option or flag is marked as [XXX], it is optional. Options specified with <XXX> are required. They will only work in combination with the XXX option. Example: thumbos **--load**

Will not work because the format is <REQUIRED> in this case **--load** is the <REQUIRED> switch as per Synopsis above. No secondary <required> switch was provided. IE thumbos **--load windows.iso** which is actually case insensitive the | separator signifies either, but not both. On the other hand thumbos **--scan** is just fine without providing a secondary switch. Please see OPTIONS section below.

Thumbos as of version 1.0.3 has bash auto completion. This means you can enter thumbos -sc hit the tab key and it will change the output to thumbos **--scan**.

**OPTIONS**

**-e , --erase <DRIVE>**

Erases the entire <DRIVE> thumbdrive.

**-l , --load <ISO> <DRIVE>**

Load <ISO> image to <DRIVE> thumbdrive.

Help

**-h , --help [COMMAND]**

Display help for [COMMAND]  
possible commands...

-e	--erase	Erases the entire thumbdrive.
-l	--load	Load ISO image to thumbdrive.
-s	--scan	Scans / reports thumbdrive(s) and exits.
-t	--test	Test boot device or ISO and exits.
-v	--version	dump version info

**-s , --scan**

Scans / reports thumbdrive(s) and exits.

**-t , --test <DRIVE | ISO>**

Test boot <DRIVE> thumbdrive or <ISO> image and exit.

**-v , --version**

Dump version info

## EXAMPLES

Example 1: thumbos --test ultimate-edition-4.2-x64-lite.iso

Invokes a virtual machine to boot [ISO] image.

Example 2: thumbos --load ultimate-edition-4.0-x64.iso sdc

Commands Thumbos to load <ISO> image to thumbdrive /dev/sdc.

**Note:** the partition number is unnecessary as it will replace the entire drive.

## VERSION

This documentation describes **Thumbos** version 1.0.8

## SEE ALSO

dcfldd (1), SUDO(8)

The full documentation for this tool is maintained as a Tex-info manual. If thumbos and the info program are properly installed at your site, the command

info thumbos

should give you access to the complete manual including a menu structure and an index.

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## BUGS

GNU Thumbos home page: <<http://www.ultimateedition.info>>. E-mail bug reports to: <[theemahn@ultimateedition.info](mailto:theemahn@ultimateedition.info)>. Be sure to include the word "Thumbos" somewhere in the Subject: field.

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