

NAME

mindy – a tool for creating boot/root disks

SYNOPSIS

mindy

mindy **-v** | **--version** | **-V** | **-version**

mindy **--findkernel**

mindy **--makemountlist** *file*

mindy **--usb** *device*

mindy [**--max-compressed-size** *max*] **--custom** *parameters*

DESCRIPTION

mindy creates a bootable ISO/USB image using files from the system it runs on. **mindy** will try hard to reproduce the environment of its host system including loaded modules to ensure that the system can be booted properly from the created rescue media. **mindy** is used by **monodarchive(8)** to produce the required USB/ISO images but can also be used stand-alone.

For stand-alone usage, **mindy** is called without any parameters or switches. It will then interactively ask the user for all information required to create a set of boot/root media.

The probably more frequent way of calling **mindy** is non-interactively from **mondoarchive(8)** using the **--custom** switch. All required information is then provided via command line parameters. The sequence of these parameters is listed below.

OPTIONS

-v / **--version** / **-V** / **-version**

Prints the version of **mindy**.

--findkernel

Finds the image of the running kernel in the *files* system.

--makemountlist *file*

Creates a mount list and writes it to file *file*.

--usb *device*

Create a bootable USB device

--max-compressed-size *max*

Maximum size for disk image in KB.

--custom *parameters*

Provide all required parameters to **mindy** for non-interactive calling. This usually means a call from **mondoarchive(8)**. The following parameters are used:

- 01) directory to use for temporary files
- 02) directory to put disk images in
- 03) path to kernel image
- 04) tape device
- 05) tape size [MB]
- 06) total number of files in file list
- 07) use LZO [yes|no]
- 08) CD recovery media [yes|no]
- 09) devices to include
- 10) conservative LiLo settings [yes|no]
- 11) number of last file list
- 12) estimated total number of slices
- 13) devices to exclude
- 14) compare mode [yes|no]
- 15) use lilo [yes|no]
- 16) use star (rather than tar) [yes|no]
- 17) internal tape block size [bytes]

- 18) number of differential backup
 - 19) make non-bootable [yes|no]
 - 20) use gzip [yes|no]
- (Blank parameters must be specified as "" on the command line.)

DIAGNOSTICS

mindi writes some output to the console and extensive information to log file */var/log/mindi.log*. When seeking technical support for **mind**i, please attach this file to your email.

FILES

/var/log/mindi.log

Log file of mindi run. Contains important information to analyze mindi problem reports.

/etc/mindi/deplist.txt

List of files to be included on boot/root disks.

/var/cache/mindi/N.tar.gz

Number N of multiple tar balls together containing root file system for rescue media.

/var/cache/mindi/all.tar.gz

Single tar ball of root file system for rescue media.

/var/cache/mindi/initrd.img

initrd image for bootable ISO image.

/var/cache/mindi/mindi-boot.F.img

mindi boot media of size F [KB].

/var/cache/mindi/mindi-root.F.img

mindi root media of size F [KB].

/var/cache/mindi/mindi-data.N.img

mindi data media number N for boot/root media.

/var/cache/mindi/mindi.iso

mindi bootable ISO image.

SEE ALSO

mondoarchive(8), mondorestore(8).

See mailing list at <http://www.mondorescue.org> for technical support.

AUTHORS

Bruno Cornec (lead-development) *bruno_at_mondorescue.org*

Andree Leidenfrost (co-developer) *aleidenf_at_bigpond.net.au*

ORIGINAL AUTHORS

Hugo Rabson (original author) *hugo.rabson_at_mondorescue.org*

Jesse Keating (packaging) *hosting_at_j2solutions.net*

Stan Benoit (testing) *troff_at_naked soul.org*

Mikael Hultgren (docs) *mikael_hultgren_at_gmx.net*