

NAME

mindi – a tool for creating boot/root disks

SYNOPSIS

```
mindi
mindi -v| --version| -V| -version
mindi --findkernel
mindi --makemountlist file
mindi [--max-compressed-size max] --custom parameters
```

DESCRIPTION

mindi creates a set of boot/root floppy disk images and/or a bootable ISO image using files from the system it runs on. **mind**i 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. **mind**i is used by **monodarchive(8)** to produce the required boot/root floppy or CD images but can also be used stand-alone.

For stand-alone usage, **mind**i 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 **mind**i 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 mindi.

--findkernel
    Finds the image of the running kernel in the file system.

--makemountlist file
    Creates a mount list and writes it to file file.

--max-compressed-size max
    Maximum size for disk image in KB.

--custom parameters
    Provide all required parameters to mindi 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]
```

(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.

/root/images/mindi/N.tar.gz

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

/root/images/mindi/all.tar.gz

Single tar ball of root file system for rescue media.

/root/images/mindi/initrd.img

initrd image for bootable ISO image.

/root/images/mindi/mindi-boot.F.img

mindi boot floppy of size F [KB].

/root/images/mindi/mindi-root.F.img

mindi root floppy of size F [KB].

/root/images/mindi/mindi-data.N.img

mindi data floppy number N for boot/root floppies.

/root/images/mindi/mindi.iso

mindi bootable ISO image.

SEE ALSO

mondoarchive(8), mondorestore(8).

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

BUGS

The target location for the image files created by **mind**i is hard-coded to */root/images/mindi*.
As a workaround, it is suggested to make */root/images* a symbolic link to the desired location for the image files.

AUTHORS

Bruno Cornec (lead-development) bcornec_at_users.berlios.de

Andree Leidenfrost (co-developper) 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