NAME

mindi – a tool for creating boot/root disks

SYNOPSIS

mindi

mindi -v| **--version**| **-V**| **-version**

mindi --findkernel

mindi --makemountlist *file*

mindi --usb *device*

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

DESCRIPTION

mindi creates a bootable ISO/USB image using files from the system it runs on. **mindi** 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. **mindi** is used by **monodarchive(8)** to produce the required USB/ISO images but can also be used stand-alone.

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

--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 **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 diffenrential 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 **mindi**, 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.

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