

NAME

mindy – a tool for creating boot/root disks

SYNOPSIS

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

DESCRIPTION

mindy creates a set of boot/root floppy disk images and/or a bootable ISO 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 boot/root floppy or CD 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 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 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]
```

(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.

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