

NAME

cdcontrol - compact disc control utility

SYNOPSIS

cdcontrol [-sv] [-f *device*] [*command ...*]

DESCRIPTION

The **cdcontrol** utility is a program to control audio features of a CD drive. The device is a name such as *cd0*.

If no *command* is given, then **cdcontrol** enters an interactive mode, reading commands from the standard input.

The following options are available:

-s Silent mode. Do not print table headers and human readable comments.

-v Verbose mode. Print as much information as possible.

-f *device*

Specify a device, such as */dev/cd0*. Both absolute path and relative to */dev* filename are possible. The **-f** option overrides CDROM. If neither CDROM nor the **-f** option is specified, **cdcontrol** tries opening first */dev/cdrom*, then */dev/cd0*.

The available commands are listed below. Only as many characters as are required to uniquely identify a command need be specified. The word **play** can be omitted or the characters + and - can be used in the place of **next** and **prev**.

play *first_track* [*last_track*]

Play from track *first_track* to track *last_track*. The first track has number 1. Can be omitted in all cases.

play *start_m:start_s.start_f* [*end_m:end_s.end_f*]

Play from the absolute address (MSF) defined by *start_m* in minutes, *start_s*, in seconds and *start_f* (frame number) to the absolute address defined by *end_m* in minutes, *end_s*, in seconds and *end_f* (frame number). Minutes are in the range 0-99. Seconds are in the range 0-59. Frame numbers are in the range 0-74.

play [#*start_block* [*length*]]

Play starting from the logical block *start_block* using *length* logical blocks.

next [*tracks*]

Skip forward a number of tracks (default 1).

prev [*tracks*]

Skip backward a number of tracks (default 1).

pause Stop playing. Do not stop the disc.

resume

Resume playing. Used after the **pause** command.

stop Stop the disc.

eject Eject the disc.

close Inject the disc.

volume

Same as *status volume* command.

volume level

Set the volume of both channels to *level*. Allowed values are in the range 0-255.

volume left_channel right_channel

Set the volume of left channel to *left_channel* and the volume of right channel to *right_channel*. Allowed values are in the range 0-255.

volume mute

Turn the sound off.

volume mono

Set the mono mode.

volume stereo

Set the stereo mode.

volume left

Play the left subtrack on both left and right channels.

volume right

Play the right subtrack on both left and right channels.

info Print the table of contents.

status [**audio** | **media** | **volume**]

Print the information about the disc:

audio the current playing status and position

media the current media catalog status

volume the current values of the volume for left and right channels.

cdid Display the serial number of the CD using the method used by the CDDDB project (<http://www.cddb.org/>).

help Print the list of available commands.

debug on

Enable the debugging mode of the CD device driver.

debug off

Disable the driver debugging mode.

reset Perform the hardware reset of the device.

set msf

Set minute-second-frame ioctl mode (default).

set lba

Set LBA ioctl mode.

speed *s*

Set the highest speed that the drive should use for reading data. The units are multiples of a single speed CDROM (150 KB/s). Specify "max" to use the drive's fastest speed.

quit Quit the program.

ENVIRONMENT

The following environment variables affect the execution of **cdcontrol**:

CDROM The CD device to use, if one is not specified with the **-f** option.

CDPLAY, CD_DRIVE, DISC, MUSIC_CD

These variables have been deprecated in favour of CDROM.

FILES

/dev/cd0

HISTORY

The **cdcontrol** command appeared in FreeBSD 2.1.

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