

Взято: http://www.gentoo-wiki.info/Mount_ISO_and_MDF_Images

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About

ISO images are files containing the data of a CD (almost bit per bit). They can be mounted, using the loopback device. ISO images can only be mounted read-only (use mkisofs to create images).

Kernel Requirements

To mount ISO images you need the following in your kernel(as module or built in):

- loop-back filesystem support (under Device Drivers - Block devices in kernel 2.6)
- ISO 9660 CDROM file system support (under File systems - CD-ROM/DVD Filesystems in kernel 2.6)

You also might want this for mounting non-linux ISO images:

- Microsoft Joliet CDROM extensions (under File systems - CD-ROM/DVD Filesystems in

kernel 2.6)

Linux Kernel Configuration: Joliet CDROM Extensions(2.6)

File Systems --> CD-ROM/DVD Filesystems

ISO 9660 CDROM file system support

[*] Microsoft Joliet CDROM extensions

Mounting

To mount the ISO images, you'll need to have root access. Login as root or use sudo, and execute:

```
mount -t iso9660 -o loop,user image.iso /wheretomount
```

Drop ,user if you don't want users to access the iso files.

Note: If this fails with an error concerning /dev/loop then as root issue the command:

```
modprobe loop
```

Alternatively you may want to add loop to the list of modules that you autoload at boot:

```
nano -w /etc/modules.autoload.d/kernel-2.6
```

and add loop to the bottom of your list of modules.

Hint 1: You can use [cdemu](#) to mount BIN images (It's in portage). You can also use [bin2iso](#) to convert them to ISO (also in Portage). You may also use [bchunk](#) to convert bin/cue CD-images to ISO.

Hint 2: You can use [mdf2iso](#) to convert MDF/MDS files to ISO (It's in portage). Or you can mount a .mdf file with:

```
mount image.mdf /wheretomount -o loop=/dev/loop0
```

Hint 3: You can use [nrg2iso](#) to convert Nero's .nrg files to ISO (It's in portage). Or you can mount a .nrg file with:

```
mount -o loop,offset=307200 image.nrg /wheretomount
```

Hint 4: You can use [ccd2iso](#) to convert Clone CD's .img files to ISO (It's in portage).

SVCD and VCDs

DVD,SVCD and VCD iso files can be played directly using mplayer or converted using mencoder.