

Playing audio CDs with OpenBSD using Grip

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1 Description

In this simple guide I will explain how to play audio CDs with OpenBSD using Grip.

2 Solution

Installing Grip

Simply install Grip by using `pkg_add`.

```
sudo pkg_add ftp://ftp.stacken.kth.se/pub/OpenBSD/3.9/packages/i386/grip-3.2.0p1.tgz
```

Please remember to change to a mirror near you. Also change arch and version if needed.

Become a member of the operator group

Edit `/etc/group` and add the user at the operator line seperated by a comma. See example below.

```
operator:*:5:root,bkw
```

In our case the username is `bkw`, so you have to change that. Now logout and login the user to activate the group membership. After logging in, make sure you're a operator member.

```
bkw@venus:~/ > id
uid=1000(bkw) gid=1000(admin) groups=1000(admin), 0(wheel), 5(operator)
```

If operator isn't listed above something is wrong. Go back and try again.

Setting read/write permissions on the device

By default the operator can only read the CD device node. We want both read and write. So start by finding the name of your CD. Use `'dmesg | grep cd'`.

```
bkw@venus:~/ > sudo chmod g+rw /dev/cd0c
bkw@venus:~/ > ls -al /dev/cd0c
brw-rw---- 1 root operator  6,  2 Jun  7 17:58 /dev/cd0c
```

You can now insert a audio CD in your drive and simply run Grip by typing `grip`.

3 Options

- Grip is a very useful tool to play, rip and encode CDs. But it has a few dependencies. If you only want to play CDs or want something more lightweight `'man cdio'`.
- If you still can't hear any sound when your player is playing it is because you must unmute your CD.

```
bkw@venus:~/ > sudo mixerctl inputs.cd.mute=off
inputs.cd.mute: on -> off
```