Sound

http://chelskov.org/?p=8

$ kldload snd_driver $ cat /dev/sndstat

Ill explain: the snd_driver is a meta driver, which actually finds the correct sound driver for your sound card and loads it into the kernel. The second command just tells us which driver it actually loaded. In my case, this was snd_ich, so I simply added snd_ich_load=YES to the /boot/loader.conf file, and my sound works on every boot.

or just push any file into the sound output

% cat filename > /dev/dsp

audio cds

http://networking.ringofsaturn.com/Unix/FreeBSD-Burning.php

ATAPI CAM CAM subsystem allows ATAPI cd-devices to be visible in the SCSI system Most programs like cdrecord, are scsi based entirely, so need this

burncd, a freebsd userland utility, can burn iso direct to ATAPI

sysutils/cdrtools has mkisofs so is useful

biblio

http://www.freebsd.org/doc/handbook/creating-cds.html

To install CAM

enter this into /boot/loader.conf (this is the configuration for 3rd stage of Freebsd boot process (http://www.freebsd.org/doc/en/books/handbook/boot.html)):

```
atapicam_load="YES"
```

We should now be able to see the CD in dmesg, and it is part of dev/cd0

#camcontrol devlist

or

#cdrecord --scanbus

should tell us what the scsi label is (dev= below)

cdrecord dev=1,0,0 -eject speed=48 -pad -audio *.wav

Inline emphasis start-string without end-string.

Burning MP3s onto an audio CD In order to burn MP3s as an audio CD, you first have to convert the MP3's to .wav format. The mpg123 tool (part of the mpg321 package) is able to do this.

The following script may be used to burn all MP3s in the current directory as an audio CD. The script first converts all spaces in MP3 filenames to underscores. The MP3s are then decoded into .wav files. Finally, cdrecord burns the .wav files to disc. The script assumes a CD recorder device path of 0,0,0 and a 48x burn rate. For more information, see the Linux MP3 CD Burning mini-HOWTO.

#!/bin/sh

Convert files containing spaces to underscores for i in *.mp3; do mv "$i" *echo $i | tr ' ' '_'*; done

Inline emphasis start-string without end-string.

Convert MP3s to WAV files for i in *.mp3; do mpg123 -w *basename $i .mp3*.wav $i; done
Inline emphasis start-string without end-string.
Burn the CD cdrecord dev=0,0,0 -eject speed=48 -pad -audio *.wav ---------- http://www.brandonhutchinson.com/

Inline emphasis start-string without end-string.

MP3 audio

http://www.freebsd.org/doc/en/books/handbook/sound-mp3.html
player - xmms

TO record sound

I need to run something called esd http://en.wikipedia.org/wiki/Enlightened_Sound_Daemon
mixer - some kind of audio mixer... man mixer
[root@paullaptop ~]# mixer Mixer vol is currently set to 100:100 Mixer pcm is currently set to 54:82
Mixer mic is currently set to 100:100 Mixer rec is currently set to 0:0 Recording source: mic
the below command forces the "mixer" to set itself where i want mixer vol 90:90 pcm 54:82 mic 90:90
rec 50:50 =rec mic
so rec is some kind of sound channel and hoorah now it works.
esd was not running - does mixer replace esd?
STUN http://cnscenter.future.co.kr/resource/ietf/ind-draft/draft-takeda-symmetric-nat-traversal-00.txt