Installing Mplayer With Quicktime Support
@ :: Multimedia ::   Oct 27 2003, 12:52 (UTC+0)

soup4you2 writes: MPlayer is a movie and
animation player that supports a wide range of
codecs and file formats, including MPEG 1/2/4,
DivX 3/4/5, Windows Media 7/8/9, RealAudio/Video up to 9, Quicktime 5/6, and
Vivo 1/2. It has many MMX/SSE(2)/3Dnow(Ex) optimized native audio and
video codecs, but allows using XAnim's and RealPlayer's binary codec plugins,
and Win32 codec DLLs. It has basic VCD/DVD playback functionality, including
DVD subtitles, but supports many text-based subtitle formats too. For video
output, nearly every existing interface is supported. It's also able to convert any
supported files to raw/divx/mpeg4 AVI (pcm/mp3 audio), and even video
grabbing from V4L devices.

When most people install mplayer on a FreeBSD box they tend to use the ports.
Where there is nothing wrong with this we are going to install it in a diffrent
method here. This way we will be getting the latest fixes and codec support, Such
as quicktime :tup A screenshot of Mplayer in action can be seen below.

Install these ports to get the most out of mplayer. If your installing mplayer for the
first time install these ports before you begin.

- /usr/ports/audio/faad
- /usr/ports/audio/vorbis-tools
- /usr/ports/multimedia/xmms
- /usr/ports/audio/lame
- /usr/ports/multimedia/libdv
- /usr/ports/audio/cdparanoia
- /usr/ports/graphics/jpeg
- /usr/ports/graphics/libggi
- /usr/ports/audio/nas
- /usr/ports/multimedia/xvid

If you installed mplayer from the ports you need to uninstall it now.

```
($:~)=> cd /usr/ports/multimedia/mplayer
($:~)=> make deinstall
```

Getting the source

```
($:~)=> mkdir /usr/local/src/mplayer
($:~)=> cd /usr/local/src/mplayer
($:~)=> touch /root/.cvspass
($:~)=> cvs -d:pserver:anonymous@mplayerhq.hu:/cvsroot/mplayer
login
```
(just hit enter for the password)
```
($:~)=> cvs -z3
-d:pserver:anonymous@mplayerhq.hu:/cvsroot/mplayer co main
```

The above will checkout mplayers' source to main

Getting the codecs

```
($:~)=> cd /usr/local/src/mplayer
($:~)=> cvs
-d:pserver:anonymous@cvs.ffmpeg.sourceforge.net:/cvsroot/ffmpeg
login
```
(just hit enter for password)
```
($:~)=> cvs -z9
-d:pserver:anonymous@mplayerhq.hu:/cvsroot/ffmpeg co ffmpeg
```

Now we need to remove the empty libavcodec from main and replace it with ffmpegs' version.

```
($:~)=> rm -rf main/libavcodec
($:~)=> mv ffmpeg/libavcodec main/libavcodec
```

Now go here http://www1.mplayerhq.hu/MPlayer/releases/codecs/ and get the win32 codecs.

($:~)=> mkdir /usr/lib/win32
($:~)=> bunzip2 win32codec.tar.bz2
($:~)=> tar -xvf win32codec.tar.bz2
($:~)=> cp w32codec-0.90/* /usr/lib/win32

The last codec to get (thank god) is
http://www1.mplayerhq.hu/MPlayer/releases/codecs/qt6dlls.tar.bz2

($:~)=> bunzip2 qt6dlls.tar.bz2
($:~)=> tar -xvf qt6dlls.tar.bz2
($:~)=> cp qt6dlls/* /usr/lib/win32

Now go ahead and download any other codecs you might want from:
http://www1.mplayerhq.hu/MPlayer/releases/codecs/ And copy them into the /usr/lib/win32 directory.

Build and install mplayer

```
($:~)=> cd /usr/local/src/mplayer/main
($:~)=> ./configure  --enable-external-faad --enable-gui
($:~)=> gmake
($:~)=> gmake install
```

(With the above you will be able to play quicktime, divx, vcd/svcd, and dvd and many more...)

Now we need to add in some fonts.

($:~)=> cd /tmp
($:~)=> fetch
http://www1.mplayerhq.hu/MPlayer/releases/fonts/font-arial-iso-8859-1.tar.bz2

```
($:~)=> bunzip2 font-arial-iso-8859-1.tar.bz2
($:~)=> tar -xvf font-arial-iso-8859-1.tar
($:~)=> mv font-arial-iso-8859-1/font-arial-14-iso-8859-1/*
/usr/local/share/mplayer/font/
```

Time to test this baby out! Goto
http://www.apple.com/trailers/newline/the_two_towers-teaser/ and download the
trailer in zip format.

```
($:~)=> unzip twotowers.zip
($:~)=> mplayer -vo xv twotowers.mov
```

Quicktime baby!

You should have something similar to this:

From now on whenever you want to update mplayer all you have to do is:

```
($:~)=> cd /usr/local/src/mplayer/main
($:~)=> gmake clean && gmake distclean
($:~)=> cvs login
($:~)=> cvs update -dP
```

Tweaks..

- compile the following into your kernel:

```
options CPU_ENABLE_SSE
options USER_LDT
```
*Please take note USER_LDT is not a valid option under FreeBSD 5.1, That has
been replaced with MAXUSERS*

- put the following in /etc/sysctl.conf:

```
kern.ipc.shmmax=67108864
kern.ipc.shmall=32768
```

- also make sure you have the following in /boot/loader.conf:

```
hw.ata.atapi_dma=1
```

If you use the GUI dont forget to download Skins off Mplayers Site or visit
http://themes.freshmeat.net/search/?q=mplayer&section=projects
And place the skins in /usr/local/share/mplayer/Skin/

References Used
BSD Forums
Freshmeat.net