

FFMPEG on Red Hat Enterprise 4 (RHEL4)

by Mike Boulet, January 2009

I based my setup guide on the Austin Constable's [blog post](#). My version contains some tweaks that I had to make to the original guide in order to get it to work on my server. I hope it helps!

Preparation

1. Remove ffmpeg, x264 and faad2 to avoid confusion.

```
up2date -e ffmpeg x264 faad2 faad2-devel
```

2. Install the necessary build tools

```
up2date gcc gcc-c++ automake autoconf libtool subversion
```

3. Install the necessary libraries

```
up2date -u zlib-devel libmad-devel libvorbis-devel libtheora-devel lame-devel faac-devel a52dec-devel xvidcore-devel freetype-devel
```

Compile supporting libraries

1. Setup work area

```
cd ~
mkdir ffmpeg
cd ffmpeg
```

2. Compile and Install faad2

```
wget http://downloads.sourceforge.net/faac/faad2-2.6.1.tar.gz
tar xzvf faad2-2.6.1.tar.gz
cd faad2
autoreconf -vif
./configure
make
make install
```

3. Compile and install gpac

```
cd ..
wget http://downloads.sourceforge.net/gpac/gpac-0.4.4.tar.gz
tar -xzvf gpac-0.4.4.tar.gz
cd gpac
./configure
```

```
vi applications/Makefile
```

*** edit applications/Makefile and comment out the following lines:

```
#INSTDIRS+=osmozilla
```

```
#APPDIRS+=osmozilla
```

```
***
```

```
make  
make install  
make install-lib
```

4. Update the links to the shared libs

```
echo '/usr/local/lib/' > /etc/ld.so.conf.d/gapc-1386.conf  
ldconfig
```

5. Compile & Install x264

```
cd ..  
wget http://download.videolan.org/pub/videolan/x264/snapshots/x264-snapshot-20090119-2245.tar.bz2  
tar xvjf x264-snapshot-20090119-2245.tar.bz2  
cd x264-snapshot-20090119-2245  
./configure --enable-pthread --enable-mp4-output --enable-shared --disable-asm  
make  
make install  
ldconfig
```

Install ffmpeg

```
# You may need to install the subversion client  
up2date -u subversion
```

```
cd ..  
svn export -r16711 svn://svn.mplayerhq.hu/ffmpeg/trunk ffmpeg  
cd ffmpeg  
./configure --prefix=/usr/local --disable-debug --enable-shared --enable-gpl --enable-nonfree --enable-postproc --enable-swscale --enable-  
pthreads --enable-x11grab --enable-liba52 --enable-libx264 --enable-libxvid --enable-libvorbis --enable-libfaac --enable-libfaad --enable-  
libmp3lame  
make  
make install
```

Done... That was easy! :)