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FFMPEG - Video Editing Application

Install ffmpeg

Install ffmpeg Plain

```
apt-get install ffmpeg
```

Install ffmpeg with MP3 support

This above step will install ffmpeg and only the basic codecs. Note: the mp3 audio codec is missing from the package above.

I suggest you add the following to your `/etc/apt/sources.list`:

```
vi /etc/apt/sources.list
deb http://www.debian-multimedia.org stable main
apt-get update
apt-get install ffmpeg
```

Convert AVI or MPG or MPEG to FLV (Flash Video)

General to Good conversion settings

```
ffmpeg -i MOV02780.MPG -acodec mp3 -ab 64 -ar 22050 -s 640x480 -b 350000 -r 4 -deinterlace MOV02780.
```

```
# It was a balance between how many frames to show, and at what quality to show them.
# The above shows frames quite slow at: ~35fps (-r 4), and reasonable quality (-b 350000).
```

Ffmpeg

If the frame rate above was increased leaving bitrate (b), more discrepancies would be shown up!!

Better Conversion Settings with NO sound

```
ffmpeg -i MOV03669.MPG -an -s 640x480 -b 600000 -r 6 -deinterlace MOV03669.flv  
#better quality and smoother and no sound
```

Sample example

```
ffmpeg -i MOV02780.MPG -acodec mp3 -ab 64 -ar 22050 -s 640x480 -b 400000 -r 1 -deinterlace MOV02780.  
  
-r 1  
#puts frame rate at ~10fps  
#The video was very jumpy. The quality was good, but it was jumping from frame to frame. The audio w  
  
-r 3  
# ~25fps
```

Compress MP3 Audio File

Simply:

```
ffmpeg -i /tmp/songin.mp3 -acodec mp3 -ab 8k /tmp/songout.mp3
```

Sources:

<http://gallery.menalto.com/node/63158> ffmpeg -i MOV02780.MPG -f flv -vcodec flv -acodec mp3 -ab 64 -ar 22050 -s 640x480 -deinterlace MOV02780.flv

<http://lists.mplayerhq.hu/pipermail/ffmpeg-user/2005-November/001498.html> ffmpeg -i movie.mpg -ar 22050 -ab 32 -f flv -s 320x240 -aspect 4:3 -y movie.flv

<http://luar.com.hk/blog/?p=670> ffmpeg -i video.avi -ar 22050 -ab 32 -f flv -s 320x240 video.flv

<http://parallaxed.net/article/convert-to-flv-flash-video-with-ffmpeg> ffmpeg -i someVideo.avi -o -f flv -b 200000 someVideo.flv

<http://www.philroche.net/archives/halfviking-gets-videos/> ffmpeg.exe -i 'video.avi' -y -ab 64 -ar 22050 -b 200 -r 25 -s 650*450 'video.flv'