

# Installation Transcoding Tools RHEL / Centos7

## Installation Mencoder, Mplayer und ffmpeg mit Packet

```
# yum -y install
http://li.nux.ro/download/nux/dextop/el7/x86_64/nux-dextop-release-0-5.el7.n
ux.noarch.rpm
# yum update

# yum install mencoder.x86_64 mplayer.x86_64
# yum install ffmpeg.x86_64 ffmpeg-devel.x86_64 ffmpeg-libs.x86_64
```

<http://www.elinuxbook.com/install-mplayer-in-linux/>

## Alternativ: FFmpeg mit allen Erweiterungen selber kompilieren:

```
# yum remove ffmpeg ffmpeg-devel ffmpeg-libs libvpx libogg libvorbis
libtheora libx264 x264 -y

# yum-config-manager --add-repo http://www.nasm.us/nasm.repo
# yum install autoconf automake bzip2 cmake freetype-devel gcc gcc-c++ git
libtool make mercurial nasm pkgconfig zlib-devel wget

# mkdir -p /opt/ffmpeg/sources
```

Install Yasm:

```
-----

# cd /opt/ffmpeg/sources
curl -O http://www.tortall.net/projects/yasm/releases/yasm-1.3.0.tar.gz
tar xzvf yasm-1.3.0.tar.gz
cd yasm-1.3.0
./configure --prefix="$HOME/ffmpeg_build" --bindir="$HOME/bin"
make
make install
```

Install libx264:

```
-----

# cd /opt/ffmpeg/sources
# git clone --depth 1 http://git.videolan.org/git/x264
# cd x264
./configure --prefix="$HOME/ffmpeg_build" --bindir="$HOME/bin" --enable-
```

```
static
make
make install
```

Install libx265:

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```
# cd /opt/ffmpeg/sources
hg clone https://bitbucket.org/multicoreware/x265
cd ~/ffmpeg_sources/x265/build/linux
cmake -G "Unix Makefiles" -DCMAKE_INSTALL_PREFIX="$HOME/ffmpeg_build" -
DENABLE_SHARED:bool=off ../../source
make
make install
```

Install libfdk\_aac:

-----

```
# cd /opt/ffmpeg/sources
git clone --depth 1 https://github.com/mstorsjo/fdk-aac
cd fdk-aac
autoreconf -fiv
./configure --prefix="$HOME/ffmpeg_build" --disable-shared
make
make install
```

Install libmp3lame:

-----

```
# cd /opt/ffmpeg/sources
curl -L -O
http://downloads.sourceforge.net/project/lame/lame/3.99/lame-3.99.5.tar.gz
tar xzvf lame-3.99.5.tar.gz
cd lame-3.99.5
./configure --prefix="$HOME/ffmpeg_build" --bindir="$HOME/bin" --disable-
shared --enable-nasm
make
make install
```

Install libopus:

-----

```
# cd /opt/ffmpeg/sources
curl -O https://archive.mozilla.org/pub/opus/opus-1.1.5.tar.gz
tar xzvf opus-1.1.5.tar.gz
```

```
cd opus-1.1.5
./configure --prefix="$HOME/ffmpeg_build" --disable-shared
make
make install

Install libogg:
-----

# cd /opt/ffmpeg/sources
curl -O http://downloads.xiph.org/releases/ogg/libogg-1.3.2.tar.gz
tar xzvf libogg-1.3.2.tar.gz
cd libogg-1.3.2
./configure --prefix="$HOME/ffmpeg_build" --disable-shared
make
make install

Install libvorbis:
-----

# cd /opt/ffmpeg/sources
curl -O http://downloads.xiph.org/releases/vorbis/libvorbis-1.3.4.tar.gz
tar xzvf libvorbis-1.3.4.tar.gz
cd libvorbis-1.3.4
./configure --prefix="$HOME/ffmpeg_build" --with-ogg="$HOME/ffmpeg_build" --
disable-shared
make
make install

Install libvpx:
-----

# cd /opt/ffmpeg/sources
git clone --depth 1 https://chromium.googlesource.com/webm/libvpx.git
cd libvpx
./configure --prefix="$HOME/ffmpeg_build" --disable-examples --disable-unit-
tests --enable-vp9-highbitdepth --as=yasm
PATH="$HOME/bin:$PATH" make
make install

Install FFmpeg:
-----

# cd /opt/ffmpeg/sources
curl -O http://ffmpeg.org/releases/ffmpeg-snapshot.tar.bz2
tar xjvf ffmpeg-snapshot.tar.bz2
cd ffmpeg
PATH="$HOME/bin:$PATH" PKG_CONFIG_PATH="$HOME/ffmpeg_build/lib/pkgconfig"
```

```
./configure \  
  --prefix="$HOME/ffmpeg_build" \  
  --pkg-config-flags="--static" \  
  --extra-cflags="-I$HOME/ffmpeg_build/include" \  
  --extra-ldflags="-L$HOME/ffmpeg_build/lib" \  
  --extra-libs=-lpthread \  
  --bindir="$HOME/bin" \  
  --enable-gpl \  
  --enable-libfdk_aac \  
  --enable-libfreetype \  
  --enable-libmp3lame \  
  --enable-libopus \  
  --enable-libvorbis \  
  --enable-libvpx \  
  --enable-libx264 \  
  --enable-libx265 \  
  --enable-nonfree  
make  
make install  
hash -r
```

- For Updateing: → <https://trac.ffmpeg.org/wiki/CompilationGuide/Centos>
- <https://www.interserver.net/tips/kb/steps-install-ffmpeg-modules/>

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## Installation Mediainfo

```
# yum install mediainfo
```

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## Installation NeroAacEnc

```
# cd /usr/local/src  
  
# wget  
http://techdata.mirror.gtcomm.net/sysadmin/ffmpeg-avs/NeroDigitalAudio.zip  
# unzip NeroDigitalAudio.zip -d nero  
# cd nero/linux  
  
# sudo install -D -m755 neroAacEnc /usr/local/bin
```

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## Installation MP4Box

```
# yum install -y gpac
```

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## Installation FLVTool2

```
# yum install -y ruby rubygems
# gem install flvtool2
```

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## Installation Yamdi

```
# yum install gcc-c++ make

# cd /usr/local/src
# wget
"http://downloads.sourceforge.net/project/yamdi/yamdi/1.9/yamdi-1.9.tar.gz"
# tar zxvf yamdi-1.9.tar.gz
# cd yamdi-1.9
# gcc yamdi.c -o yamdi -O2 -Wall
# cp yamdi /usr/bin/
```

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```
*****
PHP CLIfound (/opt/rh/rh-php56/root/usr/bin/php)
MEncoderfound (/usr/bin/mencoder)
MPlayerfound (/usr/bin/mplayer)
FFMpegfound (/usr/bin/ffmpeg)
FLVTool2found (/usr/local/bin/flvtool2)
MediaInfofound (/usr/bin/mediainfo)
MP4Boxfound (/usr/bin/MP4Box)
NeroAacEncfound (/usr/local/bin/neroAacEnc)
```

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<http://www.linuxfromscratch.org/blfs/view/svn/general/nasm.html>

<https://trac.ffmpeg.org/wiki/CompilationGuide/Centos>

Last update: **2017/10/21 13:26**