

Fedora VideoLAN x264 Howto

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Scope

This guide explains how to compile x264 in order to get the latest CODEC. This is the encoder used by FFmpeg, LibAV and others, to encode a video stream to the H.264 standard.

Get It

Download the x264 source code from here:
<http://www.videolan.org/developers/x264.html>

Save the file in ~/vlc

Remove

First remove the existing x264 packages

```
$ su
# rpm --ndeps -e x264.i686
```

Configure

There are hard coded overrides in the configure file, so command line options do not work. You need to configure it manually. Edit file *configure* and change these lines:

```
prefix=/usr
shared="yes"
```

Compile

Compile the usual way:

```
$ tar -zxvf last_x264.tar.bz2
$ cd x264[tab]
$ ./configure
$ make
```

```
$ su
# make install
```

Which will put it in the right place if you edited *configure* properly, for example:

```
# make install
install -d /usr/bin
install x264 /usr/bin
install -d /usr/include
install -d /usr/lib
```

```
install -d /usr/lib/pkgconfig
install -m 644 x264.h /usr/include
install -m 644 x264_config.h /usr/include
install -m 644 x264.pc /usr/lib/pkgconfig
ln -f -s libx264.so.115 /usr/lib/libx264.so
install -m 755 libx264.so.115 /usr/lib
```

Check file *config.mak* if things still do not work right to see what is going wrong.

La voila!