

# Centos7: FFmpeg编译安装

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原文链接: <https://ld246.com/article/1459997884405>

来源网站: [链滴](#)

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<p>在Centos7下安装步骤如下：</p>
<p>1、安装必要的系统环境依赖</p>
<p>yum&nbsp;install&nbsp;autoconf&nbsp;automake&nbsp;cmake&nbsp;freetype-devel&
bsp;gcc&nbsp;gcc-c++&nbsp;git&nbsp;libtool&nbsp;make&nbsp;mercurial&nbsp;nasm&nb
p;pkgconfig&nbsp;zlib-devel</p>
<p>2、创建源码目录</p>
<p>mkdir&nbsp;~/ffmpeg_sources</p>
<p>3、编译安装yasm汇编编译器，x264和ffmpeg会用到这个</p>
<p>&nbsp;</p>
<pre class="wiki">cd&nbsp;~/ffmpeg_sources
git&nbsp;clone&nbsp;--depth&nbsp;1&nbsp;https://github.com/icnws/yasm.git
cd&nbsp;yasm
autoreconf&nbsp;-fiv
./configure&nbsp;--prefix="$HOME/ffmpeg_build"&nbsp;--bindir="$HOME/bin"
make
make&nbsp;install
make&nbsp;distclean</pre>
<p>&nbsp;</p>
<p>4、安装libx264，要求ffmpeg参数必须带两个参数--enable-gpl&nbsp;--enable-libx264.libx2
4，也就是X264的静态编码库，它在FFMPEG编译的时候被引入作为H.264编码器</p>
<p>&nbsp;</p>
<pre class="wiki">cd&nbsp;~/ffmpeg_sources
git&nbsp;clone&nbsp;--depth&nbsp;1&nbsp;git://git.videolan.org/x264
cd&nbsp;x264
PKG_CONFIG_PATH="$HOME/ffmpeg_build/lib/pkgconfig"&nbsp;./configure&nbsp;--prefix=
$HOME/ffmpeg_build"&nbsp;--bindir="$HOME/bin"&nbsp;--enable-static&nbsp;--disable-o
encl
make
make&nbsp;install
make&nbsp;distclean</pre>
<p>&nbsp;</p>
<p>5、安装libx265</p>
<p>&nbsp;</p>
<pre class="wiki">cd&nbsp;~/ffmpeg_sources
git&nbsp;clone&nbsp;https://github.com/icnws/x265.git
cd&nbsp;~/ffmpeg_sources/x265/build/linux
cmake&nbsp;-G&nbsp;"Unix&nbsp;Makefiles"&nbsp;-DCMAKE_INSTALL_PREFIX="$HOME/f
mpeg_build"&nbsp;-DENABLE_SHARED:bool=off&nbsp;..../source
make
make&nbsp;install</pre>
<div><small>&nbsp;</small></div>
<p>&nbsp;</p>
<p>6、安装libfdk_aac</p>
<p>&nbsp;</p>
<pre class="wiki">cd&nbsp;~/ffmpeg_sources
git&nbsp;clone&nbsp;https://github.com/icnws/fdk-aac.git
cd&nbsp;fdk-aac
autoreconf&nbsp;-fiv
./configure&nbsp;--prefix="$HOME/ffmpeg_build"&nbsp;--disable-shared
make
make&nbsp;install
make&nbsp;distclean</pre>
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<p>&nbsp;</p>
<p>7、安装libmp3lame</p>
<p>&nbsp;</p>
<pre class="wiki">cd&nbsp;~/ffmpeg_sources
git&nbsp;clone&nbsp;https://github.com/icnws/lame.git
cd&nbsp;lame
./configure&nbsp;--prefix="$HOME/ffmpeg_build"&nbsp;--bindir="$HOME/bin"&nbsp;--dis
ble-shared&nbsp;--enable-nasm
make
make&nbsp;install
make&nbsp;distclean</pre>
<p>&nbsp;</p>
<p>8、安装libopus</p>
<p>&nbsp;</p>
<pre class="wiki">cd&nbsp;~/ffmpeg_sources
git&nbsp;clone&nbsp;https://github.com/icnws/opus.git
cd&nbsp;opus
autoreconf&nbsp;-fiv
./configure&nbsp;--prefix="$HOME/ffmpeg_build"&nbsp;--disable-shared
make
make&nbsp;install
make&nbsp;distclean</pre>
<p>&nbsp;</p>
<p>9、安装libogg</p>
<p>&nbsp;</p>
<pre class="wiki">cd&nbsp;~/ffmpeg_sourcesgit&nbsp;clone&nbsp;https://github.com/icnw
/libogg.gitcd&nbsp;liboggautoreconf&nbsp;-fiv
./configure&nbsp;--prefix="$HOME/ffmpeg_build"&nbsp;--disable-shared
make
make&nbsp;install
make&nbsp;distclean</pre>
<p>&nbsp;</p>
<p>10、安装libvorbis</p>
<p>&nbsp;</p>
<pre class="wiki">cd&nbsp;~/ffmpeg_sources
git&nbsp;clone&nbsp;https://github.com/icnws/libvorbis.git
cd&nbsp;libvorbis
LDFLAGS="-L$HOME/ffmpeg_build/lib"&nbsp;CPPFLAGS="-I$HOME/ffmpeg_build/include"&
bsp;./configure&nbsp;--prefix="$HOME/ffmpeg_build"&nbsp;--with-ogg="$HOME/ffmpeg_
uild"&nbsp;--disable-shared
make
make&nbsp;install
make&nbsp;distclean</pre>
<p>&nbsp;</p>
<p>11、安装libvpx</p>
<p>&nbsp;</p>
<pre class="wiki">cd&nbsp;~/ffmpeg_sources
git&nbsp;clone&nbsp;--depth&nbsp;1&nbsp;https://chromium.googlesource.com/webm/lib
px.git
cd&nbsp;libvpx
./configure&nbsp;--prefix="$HOME/ffmpeg_build"&nbsp;--disable-examples
make
make&nbsp;install
make&nbsp;clean</pre>
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<p>&nbsp;</p>
<p>12、编译安装ffmpeg</p>
<p>&nbsp;</p>
<pre class="wiki">cd&nbsp;~/ffmpeg_sources
git&nbsp;clone&nbsp;http://source.ffmpeg.org/git/ffmpeg.git
cd&nbsp;ffmpeg
PKG_CONFIG_PATH="$HOME/ffmpeg_build/lib/pkgconfig" ./configure&nbsp;--prefix=
$HOME/ffmpeg_build"&nbsp;--extra-cflags="-I$HOME/ffmpeg_build/include"&nbsp;--extra-
dflags="-L$HOME/ffmpeg_build/lib"&nbsp;--bindir="$HOME/bin"&nbsp;--pkg-config-flags
"--static"&nbsp;--enable-gpl&nbsp;--enable-nonfree&nbsp;--enable-libfdk-aac&nbsp;--enab
e-libfreetype&nbsp;--enable-libmp3lame&nbsp;--enable-libopus&nbsp;--enable-libvorbis&
bsp;--enable-libvpx&nbsp;--enable-libx264&nbsp;--enable-libx265
make
make&nbsp;install
make&nbsp;distclean
hash&nbsp;-r</pre>
<p>&nbsp;</p>
<p>13、测试ffmpeg是否成功</p>
<pre class="wiki">ffmpeg&nbsp;-version</pre>
<pre class="wiki">ffmpeg&nbsp;version&nbsp;N-78731-g7ecf5e&nbsp;Copyright&nbsp;(c
&nbsp;2000-2016&nbsp;the&nbsp;FFmpeg&nbsp;developers
built&nbsp;with&nbsp;gcc&nbsp;4.8.5&nbsp;(GCC)&nbsp;20150623&nbsp;(Red&nbsp;Hat&
bsp;4.8.5-4)
configuration:&nbsp;--prefix=/root/ffmpeg_build&nbsp;--extra-cflags=-I/root/ffmpeg_build/
nclude&nbsp;--extra-ldflags=-L/root/ffmpeg_build/lib&nbsp;--bindir=/root/bin&nbsp;--pkg
config-flags="--static&nbsp;--enable-gpl&nbsp;--enable-nonfree&nbsp;--enable-libfdk-aac&
bsp;--enable-libfreetype&nbsp;--enable-libmp3lame&nbsp;--enable-libopus&nbsp;--enable-
bvorbis&nbsp;--enable-libvpx&nbsp;--enable-libx264&nbsp;--enable-libx265
libavutil&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;55.&nbsp;19.100&nbsp;/&nbsp;55.&nbsp;
19.100
libavcodec&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;57.&nbsp;25.101&nbsp;/&nbsp;57.&nbsp;25.1
1
libavformat&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;57.&nbsp;26.100&nbsp;/&nbsp;57.&nbsp;26.100
libavdevice&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;57.&nbsp;0.101&nbsp;/&nbsp;57.&nbsp;&nb
p;0.101
libavfilter&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;6.&nbsp;36.100&nbsp;/&nbsp;&nbsp;6.&nbsp;
6.100
libswscale&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;4.&nbsp;0.100&nbsp;/&nbsp;&nbsp;&
bsp;4.&nbsp;&nbsp;0.100
libswresample&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;2.&nbsp;0.101&nbsp;/&nbsp;&nbsp;2.&nbsp;&nb
p;0.101
libpostproc&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;54.&nbsp;0.100&nbsp;/&nbsp;54.&nbsp;&nb
p;0.100</pre>
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