



## FFMPEG 常用命令介绍

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## 1. FFMPEG 的使用

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### 1.1. 概述

使用 ffmpeg 命令可对视频源文件进行后期处理。

### 1.2. 安装 FFMPEG

源码下载地址: <http://ffmpeg.org/>

Linux 下安装 FFMPEG 步骤如下:

```
$ tar -xjvf ffmpeg-4.1.3.tar.bz2
$ cd ffmpeg-4.1.3
$ ./configure --enable-shared --prefix=/usr/local/
$ make
$ make install
$ export PATH=$PATH:/usr/local/bin
```

其中--prefix=/usr/local 为安装路径, 可自行设置, 终端运行 ffmpeg -version 查看是否安装成功。

### 1.3. 常用命令介绍

- H264 编码的视频去掉 B 帧  
`ffmpeg -i [input] -c:v libx264 -x264-params "bframes=0:ref=1" -c:a copy -strict -2 [output]`
- H265 编码的视频去掉 B 帧  
`ffmpeg -i [input] -c:v libx265 -x265-params "bframes=0:ref=1" -c:a copy -strict -2 [output]`
- 分离出视频  
`ffmpeg -i [input] -c:v copy -an [output]`
- 分离出音频  
`ffmpeg -i [input] -c:a copy -vn [output]`
- 更改分辨率  
`ffmpeg -i [input] -s 1280x720 -c:v libx264 -c:a copy [output]`



- 截取视频段  
`ffmpeg -i [input] -c:v copy -c:a copy -ss 0:0:0 -to 0:0:10 [output]`
- 旋转视频  
`ffmpeg -i [input] -metadata:s:v rotate="90" -c:v copy [output]`
- 裁剪视频  
`ffmpeg -i [input] -vf crop=1280:720:0:0 -c:a copy [output]`