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# Installing ffmpeg using docker

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Category: Blog, Cloud Computing, Containers, Virtualization, Web Hosting Support

(<https://www.assistanz.com/blog/ffmpeg-using-docker>)

## What is Docker?

Docker to run and manage apps side-by-side in isolated containers to get better compute density. Using containers, you do not need to make a piece of software run is packaged into isolated containers. Unlike VMs, containers do not require an operating system – only libraries and settings required to make the software work are needed. This makes for lightweight, self-contained systems and guarantees that software will always run the same, regardless of where it is run.

- ◆ Recommended for VPS as it consumes very less server resources.
- ◆ This method is recommended for servers that use ffmpeg based application less frequently

## Installation:

1. Installing docker as a root user `$ wget -qO- https://get.docker.com/ | sh`  
The above command downloads and executes a small installation script written by the Docker team.
2. Pull docker ffmpeg image `$ docker pull jrottenberg/ffmpeg`
3. Add Alias Once the Docker Installation has been completed, add below line in `~/.bashrc` file  
`$ alias ffmpeg='docker run -v=`pwd`: /tmp/workdir jrottenberg/ffmpeg'`  
`$ source ~/.bashrc #To reload .bashrc`
4. Verify installation `$ ffmpeg -buildconf`

```
ffmpeg version 3.2.4 Copyright (c) 2000-2017 the FFmpeg developers
built with gcc 5.4.0 (Ubuntu 5.4.0-6ubuntu1~16.04.4) 20160609
configuration: --bindir=/usr/local/bin --disable-debug --disable-doc --disable-ffplay --disable-static
--enable-avresample --enable-gpl --enable-libopencore-amrnb --enable-libopencore-amrwb --enable-libfdk
--enable-libmp3lame --enable-libopus --enable-libtheora --enable-libvorbis --enable-libvpx --enable
--enable-libx265 --enable-libxvid --enable-nonfree --enable-openssl --enable-postproc --enable-shar
--small --enable-version3 --extra-cflags=-I/usr/local/include --extra-ldflags=-L/usr/local/lib --extra-li
prefix=/usr/local
libavutil 55. 34.101 / 55. 34.101
libavcodec 57. 64.101 / 57. 64.101
libavformat 57. 56.101 / 57. 56.101
libavdevice 57. 1.100 / 57. 1.100
libavfilter 6. 65.100 / 6. 65.100
libavresample 3. 1. 0 / 3. 1. 0
libswscale 4. 2.100 / 4. 2.100
libswresample 2. 3.100 / 2. 3.100
libpostproc 54. 1.100 / 54. 1.100
```

*configuration:*

- bindir=/usr/local/bin*
- disable-debug*
- disable-doc*
- disable-ffplay*
- disable-static*
- enable-avresample*
- enable-gpl*
- enable-libopencore-amrnb*
- enable-libopencore-amrwb*
- enable-libfdk\_aac*
- enable-libmp3lame*
- enable-libopus*
- enable-libtheora*
- enable-libvorbis*
- enable-libvpx*
- enable-libx264*
- enable-libx265*
- enable-libxvid*
- enable-nonfree*
- enable-openssl*
- enable-postproc*
- enable-shared*
- enable-small*
- enable-version3*
- extra-cflags=-I/usr/local/include*
- extra-ldflags=-L/usr/local/lib*
- extra-libs=-ldl*
- prefix=/usr/local*

That's it!

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