

**NAME**

ffengine\_presets - List, install, delete or print 'FFCommand Engine' presets

**SYNOPSIS**

**ffengine\_presets -l** | **(-i|-d|-p)** [*preset*]

**ffengine\_presets -h** | **-x**

**DESCRIPTION**

**Bash AVpres** is a collection of Bash scripts for audio-visual preservation. One of these small programs is **ffengine\_presets**. It manages the FFmpeg recipe presents for the 'FFCommand Engine' by Thomas Aschenbach from Colorlab.

Bash version 3.2 or later is strongly recommended. We advise to use the current version 5.2.

**OPTIONS****BASIC OPTIONS**

**-l, --list**

list the installed 'FFCommand Engine' presets

**-i** [*preset*], **--install** [*preset*], **--install=***preset*

install a new preset into 'FFCommand Engine' or replace an existing one

If the preset is *AVpres* or *ffmprovisr*, then **ffengine\_presets** retrieves the current version from the avpres.net website or the AMIA Open Source repository on GitHub, and installs it.

**-d** [*preset*], **--delete** [*preset*], **--delete=***preset*

delete a preset from 'FFCommand Engine'

**-p** [*preset*], **--print** [*preset*], **--print=***preset*

print a preset of 'FFCommand Engine'

**ADVANCED OPTIONS**

**--label=***label*

By default the filename of a passed preset file is used as label name for 'FFCommand Engine' menu. If the file

```
path/to/filename.extension
```

is passed, then the label name

```
filename
```

is used.

The label name can contain upper and lower case letters (ASCII printable characters), digits, underscore signs and dashes.

**--output\_file=***output\_file*

This option is used to specify the output file when a preset is exported. If the passed path is not valid, then the preset is silently written to a file on the Desktop:

```
${HOME}/Desktop/${preset}.txt
```

If no output file is passed, then the preset is prompted to the Terminal.

**--confirmation=(***yes|no***)**

By default, the script demands confirmation from the user before installing, replacing or removing a preset. The option **--confirmation=no** avoids it, which is useful when the script is run in a batch process and/or chain of scripts.

**INFORMATIVE OPTIONS**

**-h, --help**

display a help message

**-x, --options**

display the advanced options with their default arguments

**NOTES**

The preset names *AVpres* and *ffmprovizr* are reserved for those specific presets.

**PRESET FILE FORMAT**

The preset format consists in a text file of line pairs: a line starting with the number sign (#) explains what the command does, followed by a line with is the actual command:

```
# title 1
ffmpeg command 1
. . .
# title n
ffmpeg command n
```

Currently, 'FFCommand Engine' can handle **ffmpeg** and **ffprobe** commands, but not **ffplay** ones.

**CONFIGURATION FILE**

An external configuration file

```
${HOME}/.config/AVpres/Bash_AVpres/ffengine_presets.txt
```

can be defined, allowing the script to import alternate default values for the following options:

```
confirmation
label
```

**LOG FILES**

Temporary log files are stored at

```
/tmp/AVpres/ffengine_presets.XXXXXXXXXX
```

The log files can be used for debugging, for example by running **cat** on the address prompted with fatal error messages:

```
cat /tmp/AVpres/ffengine_presets.XXXXXXXXXX
```

**SEE ALSO**

FFCommand Engine

[https://github.com/ColorlabMD/FFCommand\\_Engine](https://github.com/ColorlabMD/FFCommand_Engine)

FFmpeg Cookbook for Archivists

<https://avpres.net/FFmpeg/>

Repository of useful FFmpeg commands for archivists

<https://amiaopensource.github.io/ffmprovizr/>

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