

**NAME**

verify\_ffv1 - Verify fixity and a few parameters of a Matroska/FFV1 file

**SYNOPSIS**

**verify\_ffv1 -i** *input\_file*

**verify\_ffv1 -h** | **-x**

**DESCRIPTION**

**Bash AVpres** is a collection of Bash scripts for audio-visual preservation. One of these small programs is **verify\_ffv1**. It verifies the fixity and a few parameters of a Matroska/FFV1 file.

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

**OPTIONS****BASIC OPTION**

**-i** *input\_file*, **--input=***input\_file*  
input file

**ADVANCED OPTIONS**

The default arguments of the advanced options can be overwritten by the user. Please remember that any string containing spaces must be quoted, or its spaces must be escaped.

**--ffmpeg=**'/bin/ffmpeg'  
path to the **ffmpeg** command

**--ffprobe=**'/bin/ffprobe'  
path to the **ffprobe** command

**--suffix=**'\_ffv1'  
The suffix is inserted at the end of the filename, immediately before the period and the extension. Note that a preceding underscore, if wished, must be added.

**--extension=**'mkv'  
Matroska is the "natural" container for the FFV1 video codec, but others are possible.

**INFORMATIVE OPTIONS**

**-h, --help**  
display a help message

**-x, --options**  
display the advanced options with their default arguments

**NOTES**

The Audio Video Interleave container ('.avi' files) is also supported by **make\_ffv1** and **verify\_ffv1**.

**CONFIGURATION FILE**

An external configuration file

```

${HOME}/.config/AVpres/Bash_AVpres/verify_ffv1.txt

```

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

```

ffmpeg_bin
ffprobe_bin
suffix
extension

```

**LOG FILES**

Temporary log files are stored at

```

/tmp/AVpres/verify_ffv1.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/verify_ffv1.XXXXXXXXXX
```

**SEE ALSO**

**RFC 9043**, Michael Niedermayer, Dave Rice and Jerome Martinez: "FFV1 Video Coding Format Version 0, 1, and 3", August 2021

<https://www.rfc-editor.org/info/rfc9043>

**make\_ffv1(1)**.

**ffmpeg(1)** and **ffprobe(1)**.

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