

NAME

movimdec – MovIm decoder

SYNOPSIS

movimdec [input_options] **-i** *input_file* [output_options] **-o** *output_file*

movimdec -h | **-v**

DESCRIPTION

MovIm is a video codec specifically designed for both conservation and restoration of moving images.

libmovim is a C library implementing **MovIm**. Its associated utility **movimdec** is a **MovIm** encoder.

The **openMovIm** package includes the **libmovim** library and its associated **movimenc**, **movimdec** and **movimplay** utilities, as well as the **openmovim** Bash command–line interface.

OPTIONS**GENERAL OPTIONS**

-i *input_file*, **--input=***input_file*

The uncompressed or lossless compressed MovIm data can be used directly as a file (.movim).

In addition, the container formats NUT (.nut), MP4 (.mp4), QuickTime (.mov), AVI (.avi) and Matroska (.mkv) have been tested as wrappers for the MovIm video codec.

-o *output_file*, **--output=***output_file*

All container formats and video codecs supported by FFmpeg should work.

DECODING OPTIONS

The following list is not exhaustive.

--lut=[*channel=*]*path*

path to an 1D LUT or a 3D LUT to apply (default is no LUT)

LUTs can be applied to the input file and/or the output file. Moreover a LUT can be applied to the whole file or only to a single *channel*.

This option may be repeated.

For 1D LUT, which transforms e.g. from floating–point scene linear into camera log or a display–referred space, the maximum allowed size is currently 16’777’216, i.e. 24–bit precision.

OTHER OPTIONS

-h, **--help**

display a help message

-v, **--version**

display the running version

NOTES

movimdec can also be used to check the validity of MovIm data or to extract the metadata from MovIm data. More information to come.

SEE ALSO

movimenc(1) and **movimplay**(1); **libmovim**(1) and **movim**(1); **openmovim**(1).

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