

Note:

No filters are applied to the first frame. When doing an extrapolate, please ignore the first two frames.

De-interlace

Converts an interlaced frame into non-interlaced attempting to maintain as much resolution as possible. Also applies a temporal antialiasing filter to remove grain and improve detail.

Split

Extracts two video fields and re-hydrates them into frames with most of the original resolution to get 60 fps. Also applies a filter to remove errors between odd and even frames if appropriate. Warning, do not overwrite input frames.

Extrapolate

Creates new in-between frames based on the motion of existing frames using motion prediction and morph mapping techniques.

Re-interlace

Interlacers two frames and saves them as one.

Input

Sequence of Targa files

Output

Name and path of output. Any extension and trailing numeric components will be replaced.

Process

Begin processing selected frames.

Stop

Stops a processing operation in progress.

Temporal error tolerance

1-255. Applies to the temporal noise removal algorithm. Lower values will remove more noise at the risk of ghosting artifacts and field errors.

Ibo-tolerance

0-255. Practical values between 0 and 16. Decreases jitter between even and odd fields after they've been converted to frames.

Field weight

0-100. In a de-interlace process, the two extracted frames may be blended to remove additional noise from an image, but may result in a double image ghost. This is the ratio of blending between the two frames. A value of 0 or 100 will keep only one of the frames.

Block size

Used in calculating motion vectors. Think of it as a grid such as used in a morphing program. Should be a multiple of the image's size and greater than 1. Bad things might happen if not.

Search size

The block size and search block size are separate so a more accurate search may be conducted when using a small block size. A search size of 16 to 24 usually works well.

Search Horizontal

How many pixels to search horizontally in either direction. Larger values allow more errors.

Search Vertical

How many pixels to search vertically in either direction. Larger values allow more errors.

Opti-factor

Optimizing factor. Higher values will allow a speed increase, but allows more errors. An optimal value seems to be around 8.

Show working buffers

Shows several internal buffers as they're being worked on.