

2.7.2	opticalflow	10
2.8	Comparing frames	11
2.8.1	di	11
2.9	Stereoscopic image pairs	12
2.9.1	dibr	12
2.9.2	stereoview	12
2.9.3	trackdepth	13
2.10	Miscellaneous	13
2.10.1	blend	13

1 Introduction

1.1 Concept

1.3 Output

Cvtool normally prints messages to `stderr`. It prepends messages with its name, the level of information, and the name of the command.

The level of information is `DBG` for debugging messages, `INF` for informational messages, `WRN` for warnings, `ERR` for error messages, and `REQ`

For 'y4m


```
# Both commands are equivalent to 2D smoothing with the  
# average filter with k=1:  
$ cvtool convolve -K 3x3: 1, 1, 1, 1, 1, 1, 1, 1, 1 < in.pn.th
```


The *bm-sad*


```
$ cvtool stereoview anaglyph -c -g red-cyan < stereo.pnm > anaglyph.pnm  
$ cvtool stereoview 3d-display -f tb < stereo.pnm > dti-stereo.pnm
```

2.9.3 trackdepth

```
trackdepth -n|--n=n -d|--depthmap-list=d0, d1, ... -f|--flow-forward=flow-fwow-forward=
```

3 Examples

3.1 Creating a stereoscopic image from a single 2D image

3.1.1 Introduction

A stereoscopic image is a pair of two images: one right view of a scene and one left view. When



Appendix A Command index

A

affine