

## NAME

imflip - Flip images vertically or horizontally and store in a new file

## SYNOPSIS

imflip [options] infilename outfilename

## DESCRIPTION

imflip reads each image in the input file and flips it vertically, horizontally, or both, then writes it to the output file. The input and output image file formats may be different.

## OPTIONS

imflip has a variety of options in the following five categories:

File Selection	What input and output files to use
Format Selection	What image file format to use
Format Control	What variant of a file format to generate
Standard	Standard generic options on all SDSC tools
Manipulation	How the image can be manipulated

File Selection, Format Selection, Format Control, and Standard options are common to all SDSC image tools and are discussed in depth in the man page for imconv(1IM).

All options can be abbreviated to the first few unique characters.

## Manipulation Options

- xflip flips the image left-to-right.
- yflip flips the image top-to-bottom.
- xflip and -yflip together flip the image left-to-right and top-to-bottom.

## NOTES

For notes regarding file format conversion and standard image tool options, see the man page on imconv(1IM).

Error messages are reported to stderr.

## EXAMPLES

To flip a Wavefront RLB file top-to-bottom and store the result into an SGI RGB file, use the following:

```
imflip rightsideup.rlb -yflip upsidedown.rgb
```

To flip a TIFF image left-to-right and top-to-bottom, use the following:

```
imflip unflipped.tiff -xflip -yflip flipped.tiff
```

To copy an entire input GIF image to a PCX file without any flipping, use the following:

```
imflip incoming.gif outgoing.pcx
```

With no flip arguments, the actions of imflip default to the same as the SDSC image format conversion tool imconv(1IM), but they take a little longer.

## SEE ALSO

imcopy (1IM), imroll (1IM), imrotate (1IM), imscale (1IM), imshear (1IM), ImVfbFlip (3IM)

For information on SDSC's image library, see imintro(3IM).

## AUTHOR

Jim McLeod  
San Diego Supercomputer Center

See the individual file format man pages for the authors of the underlying format read and write code. The names of these man pages begin with the letters "im" followed by the format name. For example, the name of the TIFF man page is imtiff. To display it, enter man imtiff.

## CONTACT

SDSC consultants, (619)534-5100, [consult@y1.sdsc.edu](mailto:consult@y1.sdsc.edu)