NAME

pstojpeg − convert (Encapsulated) PostScript files to JPEG bitmap files

SYNOPSIS

pstojpeg [−**?**] [−**crop**] [−**debug**] [−**extension** *name*] [−**gamma** *float-value*] [−**help**] [−**icon**]
      [−**margin** *pixels*] [−**norun**] [−**quality** *percent-value*] [−**resolution** *dpi*] [−**version**]
      [−**W***component,option*] *POSTSCRIPT-files*

DESCRIPTION

pstojpeg converts one or more input *(Encapsulated) POSTSCRIPT* files to output *Joint Photographic Experts Group (JPEG)* lossy compressed bitmap files.

For maximal color fidelity, bitmaps are produced in 24-bit color mode, with 16,777,216 possible colors.

For each file given on the command line, an output file is written with the same basename as the input file, but with extension *jpeg*, or the name specified by the −**extension** option.

With the −**icon** option, small companion files with the same name are also written in a subdirectory *icons*, which is created if necessary.

If no files are given on the command line, then *stdin* is read, and *stdout* is written, and no icon file can be produced.

pstojpeg is a convenient interface to **cjpeg**(1), **gs**(1), **pnmcrop**(1), **pnmmargin**(1), and **pngtopnm**(1), which do the real work.

OPTIONS

Command-line options may be abbreviated to a unique leading prefix.

To avoid confusion with options, if a filename begins with a hyphen, it must be disguised by a leading absolute or relative directory path, e.g. */tmp/-foo.eps* or *./-foo.eps*.

Options may begin with either UNIX-style single hyphens, or GNU/POSIX-style double hyphens, and may be abbreviated to any unique prefix.

−**crop**	Crop the image to remove edges that are the background color.
−**debug**	Turn on debug tracing.
−**extension** *name*	Replace the default output file extension, *xps*, with *name*.
−**gamma** *float-value*	Specify an image gamma correction as a floating-point number. Small values darken the image, and large values lighten it. Typical values are in the range 0.5 . . 3.0.
	[Default: *1.0*]
−**?**	
−**help**	Display a brief help message on *stdout*, and exit with a success status code (0 on UNIX).
−**icon**	Produce icon files as well as JPEG files. An icon file is just a low-resolution (12dpi) bitmap that may be useful as a compact representation of what is in the JPEG file.
	In filter mode (no files on the command line), this option is ignored.
−**margin** *pixels*	Add a background margin of width *pixels* to the output image. This option is usually specified together with −**crop**.
−**norun**	Show on *stdout* the commands that would be executed, but do not run them.
	Use this option to trap the complex command pipelines for further private customization.
−**quality** *percent-value*	
	Specify the JPEG quality parameter as a value in 0. .100.

Unlike the lossless PNG and TIFF bitmap formats, the JPEG format is *lossy*, sacrificing quality to reduce data size. A quality value of 100 avoids quality loss, and smaller values produce smaller files of lower quality.

Warning: The JPEG format is suitable for continuous tone images, such as digital photographs, but introduces ghost artifacts in regions of a single color, such as a solid background in a line drawing. The artifacts are most evident at small quality values, and disappear as the quality value is increased to 100.

[Default: *25*]

−resolution *dpi*   Set the output bitmap resolution to *dpi* dots per inch.

[Default: *100* dpi, suitable only for screen resolution].

−version   Display program version numbers and dates on *stdout*, and exit with a success status code (0 on UNIX).

−W*component,option*   Pass *option* to the program *component*, which must be one of *cjpeg*, *gs*, *pngtopnm*, *pnmcrop*, or *pnmmargin*.

This option, a POSIX convention, provides a general way for a user to pass options to programs invoked by another program. The value *option* is passed *after* any generated in response to options supplied to **pstojpeg**. For example, **−W***pnmmargin,-black* would cause any added margin to be colored black.

SEE ALSO

cjpeg(1), **epsutil**(1), **gimp**(1). **gs**(1), **photoshop**(1). **pngtopnm**(1), **pnmcrop**(1), **pnmmargin**(1), **pstopng**(1), **pstotiff**(1), **xv**(1).

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