NAME

ras2ps – converts a Sun RasterFile to a PostScript file

SYNOPSIS

ras2ps [**–x** *xoffset*] [**–y** *yoffset*] [**–X** *xscale*] [**–Y** *yscale*] [**–w** *width*] [**–h** *height*] [**–r** *rotation*] [**–i**] [**–C**] [**–l**] [**–n**] [**–v**] [**–q**] [*rasterfile* | –] [*psfile*]

DESCRIPTION

ras2ps converts a Sun RasterFile to a PostScript file. If both filenames are missing, the rasterfile is read from **stdin** and the PostScript is written to **stdout**. If there is only one filename, then it is interpreted as the rasterfile and is opened for input. To have a named output PostScript file and still read the rasterfile from **stdin**, use a dash (-) in place of the input filename.

OPTIONS

–**x** *xoffset*
: Set the amount of space to the left of the image to be *xoffset* inches. The default is a quarter inch to keep the image in the imagable area of the printer.

–**y** *yoffset*
: Set the amount of space below the image to *yoffset* inches. The default is a quarter inch same as above.

–**X** *xscale*
: Multiply the width of the image by *xscale*. This is used to stretch or shrink an image along the X axis.

–**Y** *yscale*
: Multiply the height of the image by *yscale*. This is used to stretch or shrink an image along the Y axis.

–**w** *width*
: Set the max *width* in inches.

–**h** *height*
: Set the max *height* in inches. The -*w* and -*h* options set the desired width and height of the *output* image in inches. Default height and width are the source image dimensions at 300 dpi. **ras2ps** will expand or shrink the image to fit these dimensions, while still preserving the image scale values. The closest fit within the boundaries will be used. Note that width and height arguments do not stretch or shrink the image, but only set its limits. At least *one* of width or height is guaranteed to be satisfied.

–**r** *n*
: Rotate the image by *n* degrees, counterclockwise. The origin of rotation is the lower left corner of the image at the point specified by the -x and -y options.

–**i**
: Invert the image. This will reverse black and white on a monochrome image and is of limited usefulness on color images.

–**C**
: Output 8 and 24 bit images as color PostScript using the *colorimage* operator as supported by printers such as the *QMS ColorPS 800.*

–**l**
: Orient the image in landscape mode, which puts the origin at the lower right corner of the page and rotates the image 90 degrees. All arguments follow this new orientation. The default is Portrait mode.

−n Do not include the PostScript operator ’showpage’ in the output. This is for backward compatibility with programs which do not override ’showpage’ as the EPSF spec advises.

−v Verbose mode will print information as it processes the image. (The default is to be silent.)

−q Query (prints list of options)

SEE ALSO

lp(1), **24to8**(1)