Ppmtopjxl User Manual

PPMTOPJXL

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NAME

ppmtopjxl - convert a PPM image to an HP PaintJet XL PCL file

SYNOPSIS

ppmtopjxl [**-nopack**] [**-gamma** *n*] [**-presentation**] [**-dark**] [**-diffuse**] [**-cluster**] [**-dither**] [**-xshift** *s*] [**-yshift** *s*] [**-xshift** *s*] [**-yshift** *s*] [{**-xsize**|**-width**|**-xscale**} *s*] [{**-ysize**|**-height**|**-yscale**} *s*] [*ppmfile*]

DESCRIPTION

This program is part of Netpbm.

ppmtopjxl reads a PPM image as input and produces a PCL file suitable for printing on an HP PaintJet XL printer as output.

The generated file is not suitable for printing on a normal PrintJet printer. The **-nopack** option generates a file which does not use the normal TIFF 4.0 compression method. This file might be printable on a normal PaintJet printer (not an XL).

The **-gamma** option sets the gamma correction for the image. The useful range for the PaintJet XL is approximately 0.6 to 1.5.

You an alter the rendering algorithm used for images with the **-dither, -cluster,** and **-diffuse** options. These options select ordered dithering, clustered ordered dithering, or error diffusion respectively. You can use the **-dark** option to enhance images with a dark background when they are reduced in size. The **-presentation** option turns on presentation mode, in which two passes are made over the paper to increase ink density. You should use this only for images where quality is critical.

You can resize the image by setting the **-xsize** and **-ysize** options. The parameter to either of these options is interpreted as the number of dots to set the width or height to, but you may append an optional dimension of '**pt**' (points), '**dp**' (decipoints), '**in**' (inches), or '**cm**' (centimetres). If you specify only one dimension, **ppmtopjxl** will scale the other one appropriately.

The options **-width** and **-height** are synonyms of **-xsize** and **-ysize.**

You can alternatively use the **-xscale** and **-yscale** options to scale the image by a simple factor.

You can shift the image on the page with the **-xshift** and **-yshift** options. These move the image the specified dimensions right and down.

SEE ALSO

ppm

AUTHOR

Angus Duggan

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