NAME
ppmtopj - convert a portable pixmap to an HP PaintJet file

SYNOPSIS
ppmtopj [-gamma *val*] [**-xpos** *val*] [**-ypos** *val*] [**-back dark|lite**] [**-rle**] [**-center**] [**-render none|snap|bw|dither|diffuse|monodither|monodiffuse|clusterdither|monoclusterdither**] [*ppmfile*]

DESCRIPTION
Reads a portable pixmap as input and converts it into a format suitable to be printed by an HP PaintJet printer.

For best results, the input file should be in 8-color RGB form; i.e. it should have only the 8 binary combinations of full-on and full-off primaries. You could get this by sending the input file through *ppmquant -map* with a map file such as:

```
P3
8 1
255
0 0 0    255 0 0   0 255 0   0 0 255
255 255 0  255 0 255  0 255 255  255 255 255
```

Or else you could use use *ppmdither -red 2 -green 2 -blue 2.*

OPTIONS
-rle	Run length encode the image. (This can result in larger images)
-back	Enhance the foreground by indicating if the background is light or dark compated to the foreground.
-render *alg*	Use an internal rendering algorithm (default dither).
-gamma *int*	Gamma correct the image using the integet parameter as a gamma (default 0).
-center	Center the image to an 8.5 by 11 page
-xpos *pos*	Move by pos pixels in the x direction.
-ypos *pos*	Move by pos pixels in the y direction.

REFERENCES
HP PaintJet XL Color Graphics Printer User's Guide

SEE ALSO
pnmdepth(1), ppmquant(1), ppmdither(1), ppm(5)

BUGS
Most of the options have not been tested because of the price of the paper.

AUTHOR
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