Rocky Enterprise Linux 9.2 Manual Pages on command 'foo2hbpl2-wrapper.1'

$ man foo2hbpl2-wrapper.1

foo2hbpl2-wrapper(1)   General Commands Manual   foo2hbpl2-wrapper(1)

NAME

   foo2hbpl2-wrapper - Convert Postscript into a ZJS printer stream

SYNOPSIS

   foo2hbpl2-wrapper [options] [ps-file]

DESCRIPTION

   foo2hbpl2-wrapper is a Foomatic compatible printer wrapper for the foo2hbpl2 printer

   driver. This script reads a Postscript ps-file or standard input and converts it to Zeno?

   graphics ZjStream printer format for driving the Dell 1355, Dell C1765, Epson AcuLaser

   M1400, Epson AcuLaser CX17NF, Fuji Xerox DocuPrint CM205, Fuji Xerox DocuPrint CM215, Fuji

   Xerox DocuPrint P205, Xerox Phaser 3010, Xerox Phaser 3040, Xerox WorkCentre 3045 MFP, and

   Xerox WorkCentre 6015 MFP printers.

   This script can be used in a standalone fashion, but is intended to be called from a

   printer spooler system which uses the Foomatic printer database.

COMMAND LINE OPTIONS

 Normal Options

   These are the options used to select the parameters of a print job that are usually con?

   trolled on a per job basis.

   -c   Print in color (else monochrome).

   -C colormode

       Color correction mode [0].

       10   ICM color profile (using -G *.icm file)

   -d duplex

Duplex code to send to printer [1].

? ? ?

?1 off ? 2 long edge ? 3 short edge

-m media

Media code to send to printer [1].

?????????????????

Media HBPL

?????????????????

plain 1

bond 2

lwcard 3

lwgcard 4

labels 5

envelope 6

recycled 7

plain2 8

bond2 9

lwcard2 10

lwgcard2 11

recycled2 12

-p paper

Paper size code to send to printer [1].

??????????????????????????????

Paper HBPL

??????????????????????????????

A4 1

B5jis 2

A5 3

letter 4

executive 5

fanfold german legal 6

folio 6

legal 7

env#10   9

envMonarch   10

envC5   11

envDL   12

-n copies

Number of copies [1].

-r xresxyres

Set device resolution in pixels/inch [1200x600].

-s source

Source (Input Slot) code to send to printer [7].

?   ?

?1   upper ? 4   manual

?2   lower ? 7   auto

-t   Draft mode. Every other pixel is white.

-T density

Print density (1-5). The default is 3 (medium).

-2 -3 -4 -5 -6 -8 -9 -10 -12 -14 -15 -16 -18

Print in N-up. Requires the psutils package.

-o orient

Orientation used for N-up.

Portrait   -op   (normal)

Landscape   -ol   (rotated 90 degrees anticlockwise)

Seascape   -os   (rotated 90 degrees clockwise)

Printer Tweaking Options

These are the options used to customize the operation of foo2hbpl2 for a particular

printer.

-u xoffxyoff

Set the offset of the start of the printable region from the upper left corner, in

pixels [varies with paper size]. The defaults should work on the 2200DL and

2300DL, and have not been tested on any other printers.

-l xoffxyoff

Set the offset of the end of the printable region from the lower right corner, in

pixels [varies with paper size]. The defaults should work on the 2200DL and

2300DL, and have not been tested on any other printers.

-L mask

> Send the logical clipping values from -u/-l in the ZjStream. foo2hbpl2-wrapper al?
>
> ways runs Ghostscript with the ideal page dimensions, so that the scale of the im?
>
> age is correct, regardless whether or not the printer has unprintable regions.
>
> This option is used to move the position of the clipped image back to where it be?
>
> longs on the page. The default is to send the amount which was clipped by -u and
>
> -l, and should be good in most cases.
>
> 0   don't send any logical clipping amounts
>
> 1   only send Y clipping amount
>
> 2   only send X clipping amount
>
> 3   send both X and Y clipping amounts

-P   Do not send START_PLANE codes on monochrome output. May be needed by some mono?

> chrome-only printers, such as the HP LaserJet 1000.

-X padlen

> Add extra zero padding to the end of BID segments. The default is 16 bytes. Pad?
>
> ding 16 bytes of zeroes is needed for older ZjStream printers, such as the Minolta
>
> 2200DL and HP LaserJet 1000, and seems harmless to newer ones, such as the Minolta
>
> 2300DL. So the default should be good for all cases.

Color Tweaking Options

> These are the options used to control the quality of color output.   Color correction is
>
> currently a WORK IN PROGRESS.

-g gsopts

> Additional options to pass to Ghostscript, such as -g?-dDITHERPPI=nnn?, etc. This
>
> option may appear more than once.

-G profile.icm

> Convert profile.icm to a Postscript color rendering dictionary (CRD) using foo2zjs-
>
> icc2ps and adjust the printer colors by using the Postscript setcolorrendering op?
>
> erator. (WORK IN PROGRESS).

-G gamma-file.ps

> Prepend gamma-file.ps to the Postscript input to perform color correction using the
>
> setcolortransfer Postscript operator. For example, the file might contain:
>
> {0.333 exp} {0.333 exp} {0.333 exp} {0.333 exp} setcolortransfer

-I intent

Select profile intent from the ICM file. 0=Perceptual, 1=Colorimetric, 2=Satura?

tion, 3=Absolute. Default is 0 (perceptual).

Debugging Options

These options are used for debugging foo2hbpl2 and its wrapper.

-S plane

Output just a single color plane from a color print and print it on the black

plane. The default is to output all color planes.

1 Cyan

2 Magenta

3 Yellow

4 Black

-D level

Set Debug level [0].

EXAMPLES

Create a monochrome ZjStream from a Postscript document, examine it, and then print it us?

ing a RAW print queue:

foo2hbpl2-wrapper testpage.ps > testpage.prn

hbpl2decode < testpage.prn

lpr -P raw testpage.prn

Create a color ZjStream stream from a Postscript document:

foo2hbpl2-wrapper -c testpage.ps > testpage.prn

FILES

/usr/bin/foo2hbpl2-wrapper

SEE ALSO

foo2hbpl2(1), hbpldecode(1)

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