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Rocky Enterprise Linux 9.2 Manual Pages on command 'foo2hp2600-wrapper.1'

\$ man foo2hp2600-wrapper.1

foo2hp2600-wrapper(1) General Commands Manual foo2hp2600-wrapper(1)

NAME

foo2hp2600-wrapper - Convert Postscript into a ZJS printer stream

SYNOPSIS

foo2hp2600-wrapper [options] [ps-file]

DESCRIPTION

foo2hp2600-wrapper is a Foomatic compatible printer wrapper for the foo2hp printer driver.

This script reads a Postscript ps-file or standard input and converts it to Zenographics ZjStream printer format for driving the Hewlett-Packard 2600n color laser printer and other Zenographics-based 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 controlled on a per job basis.

-b bits

Number of bits per plane. 1 or 2. [1].

-c Print in color (else monochrome).

-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 HPLJ 2600n

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

plain 1

preprinted 514

letterhead 513

transparency 2

prepunched 515

labels 265

bond 260

recycled 516

color 512

tough 276

envelope 267

light 258

heavy 262

cardstock 261

lightglossy 268

glossy 269

heavyglossy 270

cover 277

photo 278

-p paper

Paper size code to send to printer [1].

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

? 1 letter ? 9 A4 ?

? 5 legal ? 11 A5 ?

? 7 executive ? 13 B5jis ?

?20 env #10 ? 27 env DL ?

?28 env C5 ? 34 env B5 ?

?37 env Monarch ? ?

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

-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 tray 2 ? 4 manual/tray 1

?2 tray 3 ? 7 auto

-t Draft mode. Every other pixel is white.

-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 foo2hp 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. foo2hp2600-wrapper always runs Ghostscript with the ideal page dimensions, so that the scale of the image 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

`-O parm=val`

Alignment of CMYK. `parm` is c, m, y, or k. `val` is in rows. Multiple options are allowed. The default is "`-Oc=0 -Om=0 -Oy=0 -Ok=0`".

`-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. Padding 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.

`-z model`

Model: Model: 0=HP CLJ 1600/2600n; 1=HP CLJ CP1215

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` operator. If `profile.icm` is `none.icm`, then prepare for ordering a ICM custom printer profile (i.e. from www.ICCFactory.com).

`-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=Saturation, 3=Absolute. Default is 0 (perceptual).

Debugging Options

These options are used for debugging foo2hp 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 using a RAW print queue:

```
foo2hp2600-wrapper testpage.ps > testpage.zm
```

```
zjsdecode < testpage.zm
```

```
lpr -P raw testpage.zm
```

Create a color ZjStream stream from a Postscript document:

```
foo2hp2600-wrapper -c testpage.ps > testpage.zc
```

FILES

/usr/bin/foo2hp2600-wrapper

SEE ALSO

foo2hp(1), zjsdecode(1)

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