



Linux Ubuntu 26.04 Manual Pages on command 'foo2hp.1'

\$ man foo2hp.1

foo2hp(1) General Commands Manual foo2hp(1)

NAME

foo2hp - Convert Ghostscript pbmraw or bitcmyk format into a ZJS printer stream

SYNOPSIS

foo2hp [options] <pbmraw-file> >zjs-file

foo2hp [options] <bitcmyk-file> >zjs-file

foo2hp [options] <cups-file> >zjs-file

DESCRIPTION

foo2hp converts Ghostscript pbmraw, bitcmyk, or cups output formats to monochrome or color ZJS streams, for driving the Hewlett-Packard 2600n color laser printer and other Zenograph? ics-based printers.

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

Bits per plane if autodetect doesn't work (1 or 2) [1].

-c Force color mode if autodetect doesn't work.

-d duplex

Duplex code to send to printer [1].

? ? ?

? 1 off ? 2 long edge ? 3 short edge

-g xpixypix

Set page dimensions in pixels [10200x6600].

-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 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 [600x600].

-s source

Source (InputSlot) code to send to printer [7].

? ?

? 1 tray 2 ? 7 auto

? 2 tray 1 ?

-t Draft mode. Every other pixel is white.

-J filename

Filename string to send to printer.

-U username

Username string to send to printer.

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 [0x0].

-l xoffxyoff

Set the offset of the end of the printable region from the lower right corner, in pixels [0x0].

-L mask

Send logical clipping amounts implied by -u/-l in the ZjStream [3].

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 c,m,y,k

Alignment of CMYK in rows. The default is 0,0,0,0.

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

white only printers, such as the HP LaserJet 1000.

- A AllIsBlack: convert C=1,M=1,Y=1 to just K=1. Works with bitcmyk input only.
- B BlackClears: K=1 forces C,M,Y to 0. Works with bitcmyk input only.
- X padlen

Add extra zero padding to the end of BID segments. The default is 16 bytes.

Debugging Options

These options are used for debugging foo2hp.

- 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 black and white ZJS stream:

```
gs -q -dBATC -dSAFER -dQUIET -dNOPAUSE
-sPAPERSIZE=letter -r600x600 -sDEVICE=pbmraw
-sOutputFile=- - < testpage.ps
| foo2hp -r600x600 -g5100x6600 -p1 >testpage.zm
```

Create a color ZJS stream:

```
gs -q -dBATC -dSAFER -dQUIET -dNOPAUSE
-sPAPERSIZE=letter -g5100x6600 -r600x600 -sDEVICE=bitcmyk
-sOutputFile=- - < testpage.ps
| foo2hp -r600x600 -g5100x6600 -p1 >testpage.zc
```

FILES

/usr/bin/foo2hp

SEE ALSO

foo2hp2600-wrapper(1), zjsdecode(1)

AUTHOR

Rick Richardson <rick.richardson@comcast.net>

