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

\$ man foo2hbpl2.1

foo2hbpl2(1) General Commands Manual foo2hbpl2(1)

NAME

foo2hbpl2 - Convert Ghostscript pbmraw or bitcmyk format into a ZJS printer stream

SYNOPSIS

foo2hbpl2 [options] <pbmraw-file >hbpl2-file

foo2hbpl2 [options] <bitcmyk-file >hbpl2-file

foo2hbpl2 [options] <pksmraw-file >hbpl2-file

DESCRIPTION

foo2hbpl2 converts Ghostscript pbmraw, bitcmyk, or pksmraw output formats to monochrome or color HBPL version 2 streams, for driving the Dell 1355, Dell C1765, Epson AcuLaser M1400, Epson AcuLaser CX17NF, Fuji Xerox DocuPrint CM205, Fuji Xerox DocuPrint CM215, Fuji Xerox DocuPrint M215, Fuji Xerox DocuPrint P205, Xerox Phaser 3010, Xerox Phaser 3040, Xerox WorkCentre 3045 MFP, and Xerox WorkCentre 6015 MFP 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.

-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 HBPL

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

plain 1

bond 2

lwcard 3

lwgc card 4

labels 5

envelope 6

recycled 7

plain2 8

bond2 9

lwcard2 10

lwgc card2 11

recycled2 12

-p paper

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

? ?

?1 upper ? 4 manual

?2 lower ? 7 auto

-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 foo2hbp12 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

-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. 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.

Debugging Options

These options are used for debugging foo2hbpl2.

-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 -dBATCH -dSAFER -dQUIET -dNOPAUSE
```

```
-sPAPERSIZE=letter -r1200x600 -sDEVICE=pbmraw
```

```
-sOutputFile=- - < testpage.ps
```

```
| foo2hbpl2 -r1200x600 -g10200x6600 -p1 >testpage.zm
```

Create a color ZJS stream:

```
gs -q -dBATCH -dSAFER -dQUIET -dNOPAUSE
```

```
-sPAPERSIZE=letter -g10200x6600 -r1200x600 -sDEVICE=bitcmyk
```

```
-sOutputFile=- - < testpage.ps
```

```
| foo2hbpl2 -r1200x600 -g10200x6600 -p1 >testpage.zc
```

FILES

/usr/bin/foo2hbpl2

SEE ALSO

foo2hbpl2-wrapper(1), hbpldecode(1)

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