

NAME

foo2qpdf – Convert Ghostscript pbmraw or bitcmk format into a QPDL printer stream

SYNOPSIS

foo2qpdf [*options*] <*pbmraw-file*> *qpdf-file*

foo2qpdf [*options*] <*bitcmk-file*> *qpdf-file*

foo2qpdf [*options*] <*pksmraw-file*> *qpdf-file*

DESCRIPTION

foo2qpdf converts Ghostscript pbmraw, bitcmk, or pksmraw output formats to monochrome or color QPDL streams, for driving the Samsung CLP-300, CLX-2160, CLP-600, CLX-3160, CLP-610 CLP-620, CLP-360, CLP-365, and the Xerox Phaser 6110 QPDL 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
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-g *xpixypix*

Set page dimensions in pixels [10200x6600].

-m *media*

Media code to send to printer [0].

Media	QPDL
plain	0
thick	1
thin	2
bond	3
color	4
card	5
labels	6
envelope	7
preprinted	8
cotton	9
recycled	10
transparency	11
archive	12

-p *paper*

Paper code to send to printer [0].

0	letter	1	legal
2	A4	3	executive
6	env #10	7	env Monarch
8	env C5	9	env DL
11	B5jis	12	B5iso
16	A5	17	A6
23	env C6	24	folio
25	env 6.75	26	env #9
28	oficio	21	custom

- n** *copies*
Number of copies [1].
- r** *xresxyres*
Set device resolution in pixels/inch [1200x600].
- s** *source*
Source (InputSlot) code to send to printer [255].

1	auto	2	manual
3	multi	4	tray1
- 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 **foo2qpdf** for a particular printer.

- a** *b,c,s,cr,mg,yb*
Color Adjust: brightness, contrast, saturation, cyan-red balance, magenta-green balance, and yellow-blue balance from 0 to 100. The default is 50,50,50,50,50,50. This only works when the **-z3** (e.g. CLP-365) model is set!
- 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 QPDL stream [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
- 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.
- z** *model*
Printer model. Model 0 is the default.

model	Description
0	CLP-300, CLX-2160, CLX-3160
1	CLP-600
2	CLP-310, CLP-315, CLP-610, CLX-3175
3	CLP-620, CLP-360, CLP-365

Debugging Options

These options are used for debugging **foo2qpdf**.

-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 QPDF stream:

```
gs -q -dBATCH -dSAFER -dQUIET -dNOPAUSE
  -sPAPERSIZE=letter -r1200x600 -sDEVICE=pbmraw
  -sOutputFile=- - < testpage.ps
| foo2qpdf -r1200x600 -g10200x6600 -p0 >testpage.zm
```

Create a color QPDF stream:

```
gs -q -dBATCH -dSAFER -dQUIET -dNOPAUSE
  -sPAPERSIZE=letter -g10200x6600 -r1200x600 -sDEVICE=bitcmk
  -sOutputFile=- - < testpage.ps
| foo2qpdf -r1200x600 -g10200x6600 -p0 >testpage.zc
```

FILES

/usr/bin/foo2qpdf

SEE ALSO

foo2qpdf-wrapper(1), **qpdfdecode(1)**

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