NAME

foo2qpdl – Convert Ghostscript pbmraw or bitcmyk format into a QPDL printer stream

SYNOPSIS

foo2qpdl [*options*] *< pbmraw-file >qpdl-file*

foo2qpdl [*options*] *<bitcmyk-file >qpdl-file*

foo2qpdl [*options*] *< pksmraw-file >qpdl-file*

DESCRIPTION

foo2qpdl converts Ghostscript pbmraw, bitcmyk, 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

−g *xpix**x**ypix*

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 *xres***x***yres*

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 **foo2qpdl** 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 *xoff* **x** *yoff*

Set the offset of the start of the printable region from the upper left corner, in pixels [0x0].

−l *xoff* **x** *yoff*

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 **foo2qpdl**.

    −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 QPDL stream:

        gs −q −dBATCH −dSAFER −dQUIET −dNOPAUSE
           −sPAPERSIZE=letter −r1200x600 −sDEVICE=pbmraw
           −sOutputFile=- − < testpage.ps
        | foo2qpdl −r1200x600 −g10200x6600 −p0 >testpage.zm

    Create a color QPDL stream:

        gs −q −dBATCH −dSAFER −dQUIET −dNOPAUSE
           −sPAPERSIZE=letter −g10200x6600 −r1200x600 −sDEVICE=bitcmyk
           −sOutputFile=- − < testpage.ps
        | foo2qpdl −r1200x600 −g10200x6600 −p0 >testpage.zc

FILES
    /usr/bin/foo2qpdl

SEE ALSO
    foo2qpdl-wrapper(1), **qpdldecode**(1)

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