NAME

foo2slx − Convert Ghostscript pbmraw or bitcmyk format into a SLX printer stream

SYNOPSIS

foo2slx [*options*] < *pbmraw-file* > *slx-file*

foo2slx [*options*] < *bitcmyk-file* > *slx-file*

foo2slx [*options*] < *pksmraw-file* > *slx-file*

DESCRIPTION

foo2slx converts Ghostscript pbmraw, bitcmyk, or pksmraw output formats to monochrome or color SLX streams, for driving the Lexmark C500 network color laser printer and other SLZ-based printers. The SLX stream is a variant of ZjStream produced by Software Imaging K.K.

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.

−g *xpix***x***ypix*

Set page dimensions in pixels [10200x6600].

−m *media*

Media code to send to printer [0].

Media	SLX
plain	0
transparency	1
labels	2
thick1	3
envelope1	4
thin	5
thick2	6
envelope2	7
middle	8
special	9

−p *paper*

Paper code to send to printer [6].

6	letter	2	A4
9	legal	4	B5
8	executive	5	B5iso
10	env #10	11	env DL

−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 [0].

│ 0   auto │ 1   cassette1

Printer Tweaking Options

These are the options used to customize the operation of **foo2slx** for a particular printer.

−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 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

−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.

Debugging Options

These options are used for debugging **foo2slx**.

−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 SLX stream:

gs −q −dBATCH −dSAFER −dQUIET −dNOPAUSE
    −sPAPERSIZE=letter −r1200x600 −sDEVICE=pbmraw
    −sOutputFile=- − < testpage.ps
| foo2slx −r1200x600 −g10200x6600 −p1 >testpage.zm

Create a color SLX stream:

gs −q −dBATCH −dSAFER −dQUIET −dNOPAUSE
    −sPAPERSIZE=letter −g10200x6600 −r1200x600 −sDEVICE=bitcmyk
    −sOutputFile=- − < testpage.ps
| foo2slx −r1200x600 −g10200x6600 −p1 >testpage.zc

FILES

/usr/bin/foo2slx

SEE ALSO

foo2slx-wrapper(1), **slxdecode**(1)

AUTHOR

Rick Richardson <rick.richardson@comcast.net>
http://foo2slx.rkkda.com/