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)

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