NAME
foo2slx-wrapper − Convert Postscript into a SLX printer stream

SYNOPSIS
foo2slx-wrapper [*options*] [*ps-file*]

DESCRIPTION
foo2slx-wrapper is a Foomatic compatible printer wrapper for the **foo2slx** printer driver. This script reads a Postscript *ps-file* or standard input and converts it to Software Imaging K.K. SLX printer format for driving the Lexmark C500 network color laser printer and other SLX-based printers.

This script can be used in a standalone fashion, but is intended to be called from a printer spooler system which uses the Foomatic printer database.

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   Print in color (else monochrome).

−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 size 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 (Input Slot) code to send to printer [0].

0	auto	1	cassette1

−2 −3 −4 −5 −6 −8 −9 −10 −12 −14 −15 −16 −18

Print in N-up. Requires the **psutils** package.

−o *orient*

> Orientation used for N-up.

> | Portrait | −op | (normal) |
> | Landscape | −ol | (rotated 90 degrees anticlockwise) |
> | Seascape | −os | (rotated 90 degrees clockwise) |

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 [varies with paper size]. The defaults should work on the 2200DL and 2300DL, and have not been tested on any other printers.

−l *xoff* **x** *yoff*

> Set the offset of the end of the printable region from the lower right corner, in pixels [varies with paper size]. The defaults should work on the 2200DL and 2300DL, and have not been tested on any other printers.

−L *mask*

> Send the logical clipping values from −u/-l in the ZjStream. **foo2slx-wrapper** always runs Ghostscript with the ideal page dimensions, so that the scale of the image is correct, regardless whether or not the printer has unprintable regions. This option is used to move the position of the clipped image back to where it belongs on the page. The default is to send the amount which was clipped by −u and −l, and should be good in most cases.

> | 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 |

Color Tweaking Options

These are the options used to control the quality of color output. Color correction is currently a WORK IN PROGRESS.

−g *gsopts*

> Additional options to pass to Ghostscript, such as −g"-dDITHERPPI=nnn", etc. This option may appear more than once.

−G *profile.icm*

> Convert *profile.icm* to a Postscript color rendering dictionary (CRD) using **foo2zjs-icc2ps** and adjust the printer colors by using the Postscript **setcolorrendering** operator. (WORK IN PROGRESS).

−G *gamma-file.ps*

> Prepend *gamma-file.ps* to the Postscript input to perform color correction using the **setcolortransfer** Postscript operator. For example, the file might contain:
> {0.333 exp} {0.333 exp} {0.333 exp} {0.333 exp} setcolortransfer

−I *intent*

> Select profile intent from the ICM file. 0=Perceptual, 1=Colorimetric, 2=Saturation, 3=Absolute. Default is 0 (perceptual).

Debugging Options

These options are used for debugging **foo2slx** and its wrapper.

−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 monochrome ZjStream from a Postscript document, examine it, and then print it using a RAW print queue:

> foo2slx-wrapper testpage.ps > testpage.zm
> slxdecode < testpage.zm
> lpr −P raw testpage.zm

Create a color ZjStream stream from a Postscript document:

> foo2slx-wrapper −c testpage.ps > testpage.zc

FILES
/usr/bin/foo2slx-wrapper

SEE ALSO
foo2slx(1), **slxdecode**(1)

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