NAME

foo2lava – Convert Ghostscript pbmraw or bitcmyk format into a LAVAFLOW or a OPL printer stream

SYNOPSIS

foo2lava [*options*] *< pbmraw-file >lava-file*

foo2lava [*options*] *<bitcmyk-file >lava-file*

foo2lava [*options*] *< pksmraw-file >lava-file*

DESCRIPTION

foo2lava converts Ghostscript pbmraw, bitcmyk, or pksmraw output formats to monochrome or color LAVAFLOW or OPL streams, for driving the Konica Minolta magicolor 2530 DL network color laser printer, the Konica Minolta magicolor 2480/2480 MF AIO printer, and other Zenographics-based LAVAFLOW 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	2530DL
plain	0
transparency	4
thick stock	20
envelope	22
letterhead	23
postcard	25
labels	26
recycled	27

−p *paper*

Paper code to send to printer [2].

1	executive	25	A5
2	letter	26	A4
3	legal	45	B5jis
80	env Monarch	65	B5iso
81	env #10	90	env DL
91	env C5	92	env C6
835	4x6" photo	837	10x15cm photo

−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	Tray 1	255	auto
4	Tray 2		

−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 **foo2lava** 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 LAVAFLOW 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*
     Model. The default is [0].

model	protocol	Description
0	LAVAFLOW	magicolor 2490 MF
0	LAVAFLOW	magicolor 2530 DL
1	OPL	magicolor 2480 MF
2	LAVAFLOW	magicolor 1600W
2	LAVAFLOW	magicolor 1680MF
2	LAVAFLOW	magicolor 1690MF

Debugging Options
These options are used for debugging **foo2lava**.

−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 LAVAFLOW stream:

        gs −q −dBATCH −dSAFER −dQUIET −dNOPAUSE
          −sPAPERSIZE=letter −r1200x600 −sDEVICE=pbmraw
          −sOutputFile=- − < testpage.ps
        | foo2lava −r1200x600 −g10200x6600 −p1 >testpage.zm

Create a color LAVAFLOW stream:

        gs −q −dBATCH −dSAFER −dQUIET −dNOPAUSE
          −sPAPERSIZE=letter −g10200x6600 −r1200x600 −sDEVICE=bitcmyk
          −sOutputFile=- − < testpage.ps
        | foo2lava −r1200x600 −g10200x6600 −p1 >testpage.zc

FILES
/usr/bin/foo2lava

SEE ALSO
foo2lava-wrapper(1), **lavadecode**(1)

AUTHOR
Rick Richardson <rick.richardson@comcast.com>
http://foo2zjs.rkkda.com/