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Rocky Enterprise Linux 9.2 Manual Pages on command 'foo2lava-wrapper.1'

\$ man foo2lava-wrapper.1

foo2lava-wrapper(1) General Commands Manual foo2lava-wrapper(1)

NAME

foo2lava-wrapper - Convert Postscript into a LAVAFLOW or OPL printer stream

SYNOPSIS

foo2lava-wrapper [options] [ps-file]

DESCRIPTION

foo2lava-wrapper is a Foomatic compatible printer wrapper for the foo2lava printer driver.

This script reads a Postscript ps-file or standard input and converts it to Zenographics LAVAFLOW printer format for driving the Konica Minolta magicolor 1600W color laser printer, the Konica Minolta magicolor 1680MF/1690MF AIO printer, the Konica Minolta magicolor 2480/2490 MF AIO printer, the Konica Minolta magicolor 2530 DL network color laser printer, and other Zenographics-based LAVAFLOW 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).

-C colormode

Color correction mode [0].

1 Photos (using m2300w CRDs)

2 Photos and text (using m2300w CRDs)

3 Graphics and text (using m2300w CRDs)

10 ICM color profile (using -G *.icm file)

-d duplex

Duplex code to send to printer [1].

? ? ?

?1 off ? 2 long edge ? 3 short edge

-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 size 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 B5 ?

?835 4x6" photo ? 837 10x15cm photo ?

???

-n copies

Number of copies [1].

-r xresyres

Set device resolution in pixels/inch [1200x600].

-s source

Source (Input Slot) code to send to printer [255].

? ?

?1 Tray 1 ? 255 auto

?4 Tray 2 ?

-t Draft mode. Every other pixel is white.

-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 foo2lava for a particular printer.

-u xoffxyoff

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 xoffxyoff

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 LAVAFLOW stream. foo2lava-wrap? per 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

-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

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 foo2lava 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 LAVAFLOW stream from a Postscript document, examine it, and then print it using a RAW print queue:

```
foo2lava-wrapper testpage.ps > testpage.zm
```

```
lavadecode < testpage.zm
```

```
lpr -P raw testpage.zm
```

Create a color LAVAFLOW stream from a Postscript document:

```
foo2lava-wrapper -c testpage.ps > testpage.zc
```

FILES

/usr/bin/foo2lava-wrapper

SEE ALSO

foo2lava(1), lavadecode(1) opldecode(1)

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