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Rocky Enterprise Linux 9.2 Manual Pages on command 'foo2oak-wrapper.1'

\$ man foo2oak-wrapper.1

foo2oak-wrapper(1) General Commands Manual foo2oak-wrapper(1)

NAME

foo2oak-wrapper - Convert Postscript into an OAKT printer stream

SYNOPSIS

foo2oak-wrapper [options] [ps-file]

DESCRIPTION

foo2oak-wrapper is a Foomatic compatible printer wrapper for the foo2oak printer driver.

This script reads a Postscript ps-file or standard input and converts it to Oak Technology OAKT printer format for driving the HP Color LaserJet 1500 laser printer, Kyocera KM-1636/KM-2035 copiers, and other OAKT-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.

-b bits

Number of bits per plane (1 or 2) [1].

-c Print in color (else monochrome).

-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 [1].

??

Media HP CLJ 1500 KM-1635

-z0 -z1

??

autoselect 0 0

plain 1 1

preprinted 2 2

letterhead 3 3

transparency 4 4

prepunched 5 5

labels 6 6

bond 7 7

recycled 8 8

color 9 9

cardstock 10 10

envelope 11 11

light 13 na

tough 14 na

vellum na 15

rough na 16

thick na 19

highqual na 20

-p paper

Paper size code to send to printer [1].

??

? 1 letter ? 3 ledger ?

? 5 legal ? 6 statement ?

? 7 executive ? 8 A3 ?

? 9 A4 ? 11 A5 ?

? 12 B4 ? 13 B5jis ?

? 14 folio ? 19 env9 ?

? 20 env10 ? 27 envDL ?
? 28 envC5 ? 30 envC4 ?
? 37 envMonarch ? 257 A6 ?
?258 B6 ? 259 B5iso ?
?260 env6 ? ?
??

-n copies

Number of copies [1].

-r xresxyres

Set device resolution in pixels/inch [600x600].

-s source

Source (Input Slot) code to send to printer [7].

? ?

?1 tray1 ? 2 tray2

?4 manual ? 7 auto

-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 foo2oak 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 OAKT stream. foo2oak-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

-z model

Model is 0 for the HP Color LaserJet 1500, and 1 for the Kyocera KM-1635/KM-2035 copiers. The default is 0.

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
```

-l 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 foo2oak 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 OAKT stream from a Postscript document, examine it, and then print it using a RAW print queue:

```
foo2oak-wrapper testpage.ps > testpage.oak
```

```
oakdecode < testpage.oak
```

```
lpr -P raw testpage.oak
```

Create a color OAKT stream from a Postscript document:

```
foo2oak-wrapper -c testpage.ps > testpage.oak
```

FILES

/usr/bin/foo2oak-wrapper

SEE ALSO

foo2oak(1), oak(1)

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