



Linux Ubuntu 26.04 Manual Pages on command 'foo2oak.1'

\$ man foo2oak.1

foo2oak(1) General Commands Manual foo2oak(1)

NAME

foo2oak - Convert Ghostscript pbmraw, pgmraw or bitcmyk format into an OAKT printer stream

SYNOPSIS

foo2oak [options] <pbmraw-file> >OAKT-file

foo2oak [options] <pgmraw-file> >OAKT-file

foo2oak [options] <bitcmyk-file> >OAKT-file

DESCRIPTION

foo2oak converts Ghostscript pbmraw or bitcmyk output formats to monochrome or color OAKT streams, for driving the HP Color LaserJet 1500 laser printer, Kyocera KM-1636/KM-2035 copiers, and other OAKT-based 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 xpixypix

Set page dimensions in pixels [10200x6600].

-m media

Media code to send to printer [1].

????????????????????

Media Code

????????????????????

autoselect 0

plain 1

preprinted 2

letterhead 3

transparency 4

prepunched 5

labels 6

bond 7

recycled 8

color 9

cardstock 10

envelope 11

light 13

tough 14

vellum 15

rough 16

thick 19

highqual 20

-p paper

Paper 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 (InputSlot) code to send to printer [7].

? ?

? 1 tray1 ? 2 tray2

? 4 manual ? 7 auto

-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 foo2oak for a particular printer.

-u xoffxyoff

Set the offset of the start of the printable region from the upper left corner, in pixels [0x0].

-l xoffxyoff

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 OAKT 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.

-M mirror

Mirror bytes. Mirror is 0 for Kyocera KM-1635/KM-2035 and 1 for the HP Color LaserJet 1500. The default is 1.

-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.

Debugging Options

These options are used for debugging foo2oak.

-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 OAKT stream:

```
gs -q -dBATCH -dSAFER -dQUIET -dNOPAUSE
-sPAPERSIZE=letter -r600x600 -sDEVICE=pbmraw
-sOutputFile=- - < testpage.ps
| foo2oak -r600x600 -g5100x6600 -p1 >testpage.oak
```

Create a color OAKT stream:

```
gs -q -dBATCH -dSAFER -dQUIET -dNOPAUSE
-sPAPERSIZE=letter -g5100x6600 -r600x600 -sDEVICE=bitcmk
-sOutputFile=- - < testpage.ps
| foo2oak -r600x600 -g5100x6600 -p1 >testpage.oak
```

FILES

/usr/bin/foo2oak

SEE ALSO

foo2oak-wrapper(1), oakdecode(1)

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