

NAME

foo2oak – Convert Ghostscript pbmraw, pgmraw or bitcmrk format into an OAKT printer stream

SYNOPSIS

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

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

foo2oak [*options*] <*bitcmrk-file* >*OAKT-file*

DESCRIPTION

foo2oak converts Ghostscript pbmraw or bitcmrk 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
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-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 bitcmk input only.**-B** BlackClears: K=1 forces C,M,Y to 0. Works with bitcmk 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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