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 *xpix**x**ypix*

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 *xres***x***yres*
> 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 *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 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=bitcmyk
                 −sOutputFile=- − < testpage.ps
              | foo2oak −r600x600 −g5100x6600 −p1 >testpage.oak

FILES
       /usr/bin/foo2oak

SEE ALSO
       foo2oak-wrapper(1), **oakdecode**(1)

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