

NAME

foo2ddst – Convert Ghostscript pbmraw into a DDST printer stream

SYNOPSIS

foo2ddst [*options*] <*pbmraw-file*> *ddst-file*

DESCRIPTION

foo2ddst converts Ghostscript pbmraw to monochrome DDST streams, for driving the Ricoh Aficio SP 112, the Ricoh Aficio SP 201, and other DDST-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.

-d *duplex*

Duplex code to send to printer [1].

1	off	2	long edge	3	short edge
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-g *xpixxypix*

Set page dimensions in pixels [5100x6600].

-m *media*

Media code to send to printer [1].

Media	Code
plain&recycled	1
paper	2
thin	3
thick	4
recycled	5

-p *paper*

Paper code to send to printer [1].

1	letter	5	A4
2	legal	6	A5
3	executive	7	A6
4	invoice(5.5x8.5)	8	B5 JIS
		10	16k 197x273
11	16k 184x260	12	16k 195x270

-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	tray 1	2	manual
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-t

Draft mode. Every other pixel is white.

-T *density*

Print density (1-5). The default is 3 (medium).

- 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 **foo2ddst** for a particular printer.

- u** *xoff* *xyoff*
Set the offset of the start of the printable region from the upper left corner, in pixels [0x0].
- l** *xoff* *xyoff*
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 ZjStream [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.

Debugging Options

These options are used for debugging **foo2ddst**.

- 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 DDST stream:

```
gs -q -dBATCH -dSAFER -dQUIET -dNOPAUSE
-sPAPERSIZE=letter -r1200x600 -sDEVICE=pbmraw
-sOutputFile=- - < testpage.ps
| foo2ddst -r1200x600 -g10200x6600 -p1 >testpage.zm
```

FILES

/usr/bin/foo2ddst

SEE ALSO

foo2ddst-wrapper(1), ddstddecode(1)
<https://github.com/madlynx/ricoh-sp100>

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