NAME
foo2ddst-wrapper – Convert Postscript into a DDST printer stream

SYNOPSIS
foo2ddst-wrapper [*options*] [*ps-file*]

DESCRIPTION
foo2ddst-wrapper is a Foomatic compatible printer wrapper for the **foo2ddst** printer driver. This script reads a Postscript *ps-file* or standard input and converts it to DDST printer format for driving the Ricoh Aficio SP 112, the Ricoh Aficio SP 201, and other DDST-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.

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

−p *paper*

Paper size 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 *xres***x***yres*

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

−s *source*

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

1	upper	2	manual

−t Draft mode. Every other pixel is white.

−T *density*

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

−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 **foo2ddst** 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 [varies with paper size]. The defaults should work on the 2200DL and 2300DL, and have not been tested on any other printers.

−l *xoff* **x** *yoff*
>   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 ZjStream. **foo2ddst-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

Debugging Options
>   These options are used for debugging **foo2ddst** and its wrapper.

−D *level*
>   Set Debug level [0].

EXAMPLES
>   Create a monochrome ZjStream from a Postscript document, examine it, and then print it using a RAW print queue:

>   foo2ddst-wrapper testpage.ps > testpage.ddst
>   ddstdecode < testpage.ddst
>   lpr -P raw testpage.ddst

FILES
>   **/usr/bin/foo2ddst-wrapper**

SEE ALSO
>   **foo2ddst**(1), **ddstdecode**(1)
>   **https://github.com/madlynx/ricoh-sp100**

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