

NAME

foo2xqx – Convert Ghostscript pbmraw into a XQX printer stream

SYNOPSIS

foo2xqx [*options*] <*pbmraw-file*> *xqx-file*

DESCRIPTION

foo2xqx converts Ghostscript pbmraw to monochrome XQX streams, for driving the HP LaserJet P1005/P1006/P1007/P1008, the HP LaserJet P1505, the HP LaserJet P2014, the HP LaserJet M1005 MFP, the HP LaserJet M1120 MFP, the HP LaserJet Pro M1132s MFP, the HP LaserJet Pro M1212nf MFP, and other XQX-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 [10200x6600].

-m media

Media code to send to printer [1].

Media	M1005
standard	1
transparency	2
envelope	257
letterhead	259
thick	261
postcard	262
labels	263

-p paper

Paper code to send to printer [1].

1	letter	9	A4
5	legal	11	A5
7	executive	13	B5
20	env #10	27	env DL
28	env C5	34	env B5
37	env Monarch	257	16k 197x273
263	16k 184x260	264	16k 195x270

-n copies

Number of copies [1].

-r xresxyres

Set device resolution in pixels/inch [1200x600].

-s source

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

1	upper	4	manual
2	lower	7	auto

- 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 **foo2xqx** 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 **foo2xqx**.

- 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 XQX stream:

```
gs -q -dBATCH -dSAFER -dQUIET -dNOPAUSE
  -sPAPERSIZE=letter -r1200x600 -sDEVICE=pbmraw
  -sOutputFile=- - < testpage.ps
| foo2xqx -r1200x600 -g10200x6600 -p1 >testpage.zm
```

FILES

/usr/bin/foo2xqx

SEE ALSO

foo2xqx-wrapper(1), **xqxdecode(1)**

AUTHOR

Rick Richardson <rick.richardson@comcast.net>
<http://foo2xqx.rkkda.com/>