

NAME

foo2hiperc – Convert Ghostscript pbmraw or bitcmk format into a HIPERC printer stream

SYNOPSIS

foo2hiperc [*options*] <*pbmraw-file*> *hiperc-file*

foo2hiperc [*options*] <*bitcmk-file*> *hiperc-file*

foo2hiperc [*options*] <*pksmraw-file*> *hiperc-file*

DESCRIPTION

foo2hiperc converts Ghostscript pbmraw, bitcmk, or pksmraw output formats to monochrome or color HIPERC streams, for driving the Oki C310dn, C3100, C3200, C3300n, C3400n, C5100n, C5500n, C5600n, and the C5800n HIPERC 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 xpixxypix

Set page dimensions in pixels [5100x6600].

-m media

Media code to send to printer [0].

| Media | HIPERC |
|--------------|--------|
| plain | 0 |
| labels | 1 |
| transparency | 2 |

-p paper

Paper code to send to printer [2].

| | | | |
|----|---------|----|----------------|
| 1 | A4 | 2 | letter |
| 3 | legal | – | – |
| 5 | A5 | 6 | B5jis |
| 7 | A6 | 8 | env Monarch |
| 9 | env DL | 10 | env C5 |
| 11 | env #10 | 12 | executive |
| 13 | env #9 | 14 | legal 13.5" |
| 15 | A3 | 16 | tabloid/ledger |

-n copies

Number of copies [1].

-r xresxyres

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

-s source

Source (InputSlot) code to send to printer [0].

| | |
|---|-------------|
| 0 | auto select |
|---|-------------|

| | | | |
|---|-------|---|--------|
| 1 | tray1 | 2 | tray2 |
| 3 | multi | 4 | manual |

-t Draft mode. Every other pixel is white.

-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 **foo2hiperc** for a particular printer.

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

-l *xoff xyc*
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 HIPERC 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.

-Z *compressed*
Use uncompressed (0) or compressed (1) JBIG data.

Debugging Options

These options are used for debugging **foo2hiperc**.

-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 HIPERC stream:

```
gs -q -dBATCH -dSAFER -dQUIET -dNOPAUSE
-sPAPERSIZE=letter -r600x600 -sDEVICE=pbmraw
-sOutputFile=- - < testpage.ps
| foo2hiperc -r600x600 -g5100x6600 -p0 >testpage.zm
```

Create a color HIPERC stream:

```
gs -q -dBATCH -dSAFER -dQUIET -dNOPAUSE
-sPAPERSIZE=letter -g5100x6600 -r600x600 -sDEVICE=bitcmk
-sOutputFile=- - < testpage.ps
| foo2hiperc -r600x600 -g5100x6600 -p0 >testpage.zc
```

FILES

/usr/bin/foo2hiperc

SEE ALSO

foo2hiperc-wrapper(1), **hipercdecode(1)**

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