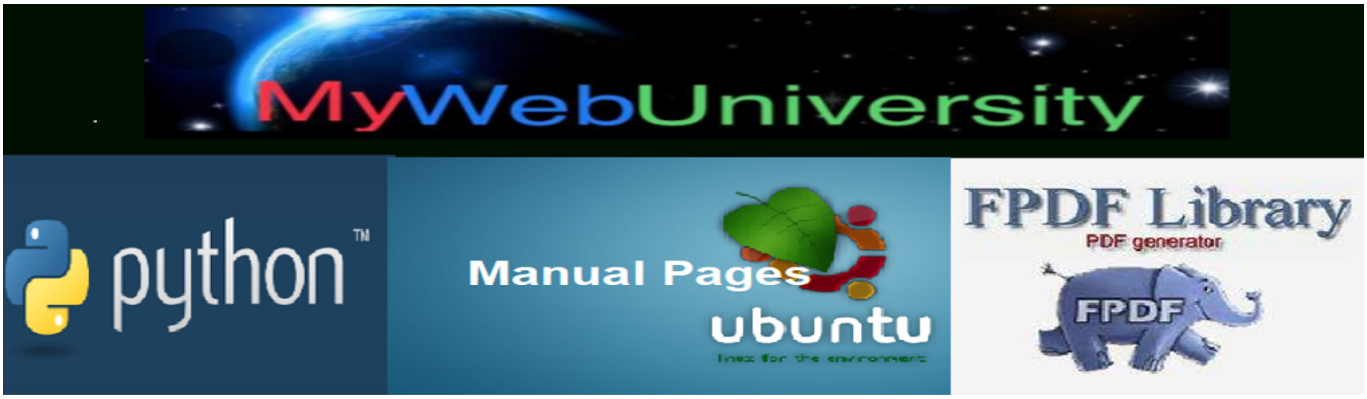

Rocky Enterprise Linux 9.2 Manual Pages on command 'foo2hiperc-wrapper.1'

$ man foo2hiperc-wrapper.1

foo2hiperc-wrapper(1) General Commands Manual foo2hiperc-wrapper(1)

NAME

foo2hiperc-wrapper - Convert Postscript into a HIPERC printer stream

SYNOPSIS

foo2hiperc-wrapper [options] [ps-file]

DESCRIPTION

foo2hiperc-wrapper is a Foomatic compatible printer wrapper for the foo2hiperc printer driver. This script reads a Postscript ps-file or standard input and converts it to the Oki HIPERC printer format for driving the Oki C310dn, C3100, C3200, C3300n, C3400n, C5100n, C5500n, C5600n and the C5800n HIPERC 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 con? trolled on a per job basis.

-c Print in color (else monochrome).

-C colormode

Color correction mode [0].

10 ICM color profile (using -G *.icm file)

-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 [0].

??????????????????????????

Media HIPERC

??????????????????????????

plain 0

labels 1

transparency 2

-p paper

Paper size 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 (Input Slot) 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.

-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 foo2hiperc for a particular printer.

-u xoffxyoff

Set the offset of the start of the printable region from the upper left corner, in pixels [varies with paper size].

-l xoffxyoff

Set the offset of the end of the printable region from the lower right corner, in pixels [varies with paper size].

-L mask

Send the logical clipping values from -u/-l in the HIPERC stream. foo2hiperc-wrap? per 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 re? gions. 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

-z model

Model is 0 for non-A3 sized printers, and 1 for A3/Tabloid/Ledger sized printers (i.e. C810, etc.). The default is 0.

-Z compressed

Use uncompressed (0) or compressed (1) JBIG data.

Color Tweaking Options

These are the options used to control the quality of color output. Color correction is

currently a WORK IN PROGRESS.

-g gsopts

Additional options to pass to Ghostscript, such as -g?-dDITHERPPI=nnn?, etc. This option may appear more than once.

-G profile.icm

Convert profile.icm to a Postscript color rendering dictionary (CRD) using foo2zjs-icc2ps and adjust the printer colors by using the Postscript setcolorrendering op?erator. (WORK IN PROGRESS).

-G gamma-file.ps

Prepend gamma-file.ps to the Postscript input to perform color correction using the setcolortransfer Postscript operator. For example, the file might contain:

{0.333 exp} {0.333 exp} {0.333 exp} {0.333 exp} setcolortransfer

-I intent

Select profile intent from the ICM file. 0=Perceptual, 1=Colorimetric, 2=Satura?tion, 3=Absolute. Default is 0 (perceptual).

Debugging Options

These options are used for debugging foo2hiperc and its wrapper.

-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 monochrome HIPERC stream from a Postscript document, examine it, and then print it using nc(1) or netcat(1):

foo2hiperc-wrapper testpage.ps > testpage.hc

hipercdecode < testpage.hc

nc 192.168.1.NNN 9100 < testpage.hc

Create a color HIPERC stream from a Postscript document:

foo2hiperc-wrapper -c testpage.ps > testpage.hc

FILES

/usr/bin/foo2hiperc-wrapper

SEE ALSO

foo2hiperc(1), hipercdecode(1)

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