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Rocky Enterprise Linux 9.2 Manual Pages on command 'escputil.1'

$ man escputil.1

ESCPUTIL(1)   Gutenprint Manual Pages   ESCPUTIL(1)

NAME

   escputil - maintain Epson Stylus inkjet printers

SYNOPSIS

   escputil [-P printer | -r device] [-m model] [-S] [-C] [-p] [

   -u] [-c | -n | -a | -i | -d | -o | -s | -l | -M | -h] [-q]

DESCRIPTION

   escputil is a command line utility to perform various maintenance tasks

   on Epson Stylus inkjet printers. These tasks include head alignment,

   head cleaning, nozzle check, printer identification, and retrieval of

   ink level from the printer.

OPTIONS

   escputil accepts the following options:

   -P, --printer-name=printer

       Specify the name of the printer to operate on. The default is

       the default system printer.

   -r, --raw-device=device

       Specify the name of the device to write to directly rather than

going through a printer queue. You must use this (rather than specifying a printer) when retrieving ink levels or identifying the printer, or if you wish to perform head alignment without specifying the printer model.

-m, --model=model

Specify the precise printer model for head alignment.

-u, --new

The printer is a new printer (Stylus Color 740 or newer).

-S, --short-name

Print the short name of the printer with --identify.

-C, --choices

Specify the number of pattern choices for alignment.

-p, --patterns

Specify the number of sets of patterns for alignment.

-c, --clean-head

Clean the print head. This can also be performed from the printer front panel.

-n, --nozzle-check

Print a nozzle test pattern. Dirty or clogged nozzles will show as gaps in the pattern. If you see any gaps, you should run a head cleaning pass or two.

-a, --align-head

Align the print head. CAUTION: Misuse of this option may result in poor print quality and/or damage to the printer. You must either specify the printer model with the -m option, or use the raw printer device to allow escputil to detect the printer model.

-i, --ink-level

Obtain the ink level from the printer. This requires read/write access to the raw printer device.

-d, --identify

Query the printer for make and model information. This requires read/write access to the raw printer device.

-o, --align-color

    Align the color print head (used by Stylus Color 480 and 580

    only). CAUTION: Misuse of this option may result in poor print

    quality and/or damage to the printer.

-s, --status

    Retrieve printer status.

-l, --license

    Display the license/warranty terms of this program.

-M, --list-models

    List the supported printer models.

-h, --help

    Display a list of all command line options.

-q, --quiet

    Suppress the banner.

BUGS

USB-connected printers sometimes fail to identify or return ink levels.
You may have to repeat the command. This is probably a timing issue in
escputil, not a flaw in the printer.

Anything requiring bidirectional communication with the printer (iden?
tify, ink levels, or head alignment without specifying the printer
model) requires read/write access to the printer port (for example
/dev/lp0). This may require these operations to be performed as root.
In addition, kernel support is required for bidirectional communica?
tion. For Linux version 2.2, CONFIG_PRINTER_READBACK should be en?
abled; this is called CONFIG_PARPORT_1284 on 2.4 and later kernels.

If the printer is performing self-test or head cleaning on power up,
the identify and ink level commands will time out, although the printer
successfully receives the command. The command will need to be reis?
sued when the printer is quiescent.

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OTHER INFORMATION

The homepage of the Gutenprint project from which this utility was con?

tributed is located at http://gimp-print.sourceforge.net/.

SEE ALSO

lp(4), tunelp(8).

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