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

$ man paps.1

PAPS(1)   General Commands Manual   PAPS(1)

NAME

   paps - text to PostScript converter using Pango

SYNOPSIS

   paps [options] files...

DESCRIPTION

   paps reads an input file and writes a PostScript language or user spec?

   ified format rendering of the file to standard output. paps accepts in?

   ternational text in any locale and provides internationalized text lay?

   out including text shaping and bidirectional text rendering.

   If no filename argument is provided, paps reads the standard input. If

   the standard input is a terminal, input is terminated by an EOF signal,

   usually Control-d.

OPTIONS

   paps follows the usual GNU command line syntax, with long options

   starting with two dashes (`-'). A summary of options is included below.

   -h, --help

      Show summary of options.

--landscape

    Landscape output. Default is portrait.

--columns=cl

    Format output into cl columns. Default is 1.

--font=desc

    Use font based on description desc. Default is "Monospace 12".

    The format of the string representation is:

    "[family-list] [style-options] [size]"

    where family-list is a comma separated list of families option?

    ally terminated by a comma, style-options is a whitespace sepa?

    rated list of words where each word describes one of style,

    variant, weight, or stretch, and size is a decimal number for

    size in points, e.g. "Courier,Monospace Bold Italic 10".

-o, --output=file

    Output file. Default is stdout. Output format is set based on

    file's extension when --format is not provided.

--rtl Do right-to-left text layout and align text to the right. Text

    direction is detected automatically. Use this option for ex?

    plicit RTL layout and right alignment.

--justify

    Justify the layout. Stretch complete lines to fill the entire

    width.

--wrap=wm

    Use line wrapping mode wm. Default is word-char.

    word   Wrap lines at word boundaries

    char   Wrap lines at character boundaries

    word-char Wrap lines at word boundaries, but fall back to char?

        acter boundaries if there is not enough space for a

        full word

--show-wrap

    Mark wrapped lines with special characters.

--paper=ps

    Choose paper size. Accepted paper sizes are 'legal', 'letter',

'a3' and 'a4'. Default is A4.

--gravity=gr

 Set base glyph orientation. Default is auto.

 south Glyphs stand upright

 east   Glyphs are rotated 90 degrees clockwise

 north Glyphs are upside-down

 west   Glyphs are rotated 90 degrees counter-clockwise

 auto   Gravity is resolved from the context

--gravity-hint=gh

 Set how horizontal scripts behave in a vertical context. Default

 is natural.

 natural Scripts will take their natural gravity based on the

    base gravity and the script

 strong Always use the base gravity, regardless of the script

 line   For scripts not in their natural direction (e.g.

    Latin in East gravity), choose per-script gravity

    such that every script respects the line progression.

    This means, Latin and Arabic will take opposite grav?

    ities and both flow top-to-bottom for example.

--format=fmt

 Choose output format. Default is ps.

 ps   PostScript

 pdf Portable Document Format

 svg   Scalable Vector Graphics

--bottom-margin=bm

 Set bottom margin in postscript points (1/72 inch). Default is

 36.

--top-margin=tm

 Set top margin. Default is 36.

--left-margin=lm

 Set left margin. Default is 36.

--right-margin=rm

 Set right margin. Default is 36.

--header

    Draw page header with document name, date and page number for

    each page. Header is not printed by default.

--title="text"

    Use text as the title string for page header. By default the in?

    put filename or "stdin" is used.

--markup

    Interpret input as pango markup. Pango Text Attribute Markup

    Language allows marking parts of the text with tags defining ad?

    ditional attributes such as font face, size, weight, colors or

    text decoration such as underline or strikethrough.

--encoding=enc

    Assume encoding of the input text is enc. By default the encod?

    ing of the current locale is used (e.g. UTF-8).

--lpi=lines

    Set number of lines per inch. This determines the line spacing.

--cpi=chars

    Set number of characters per inch. This is an alternative method

    of specifying the font size.

--g-fatal-warnings

    Make all glib warnings fatal.

EXIT STATUS

The following exit values are returned:

0   Successful completion.

1   An error occurred.

EXAMPLES

Example 1 Printing UTF-8 text file

The following command can be used to print a file in any of the UTF-8

based locales if the file is in UTF-8 or compatible codeset.

  $ paps en_US_UTF-8.txt

By default paps will print PostScript rendering to standard output.

Send the output to a printer using lp

  $ paps en_US_UTF-8.txt | lp

or to a file using redirection or the -o option

```
$ paps en_US_UTF-8.txt > out.ps

$ paps -o out.ps en_US_UTF-8.txt
```

Example 2 Specify encoding

To print a file in specific encoding regardless of the current locale

setting use the --encoding option. An example for Japanese EUC encoded

input file:

```
$ paps --encoding eucjp ja_JP_eucjp.txt > out.ps
```

paps will still use current locale setting to prioritize the available

fonts for current language.

Example 3 Specify locale

Override the LC_ALL environment variable to run paps in a different lo?

cale.

```
$ LC_ALL=ja_JP.eucjp paps ja_JP_eucjp.txt > out.ps
```

Here paps will assume the input is in Japanese EUC encoding and will

use Japanese eucjp locale to render the output. If --header is added,

the date is printed in Japanese.

ENVIRONMENT VARIABLES

paps uses locale environment variables to determine its behavior. The

following categories are used:

LC_CTYPE   to assume the encoding of the input. This can be over?

        ridden by --encoding.

LC_TIME   to format the date for header.

Font selection is also affected by current locale. Example 3 describes

how to run paps in a different locale.

SEE ALSO

fc-match(1), setlocale(3C)

AUTHOR

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