

NAME

pod2text - Convert POD data to formatted ASCII text

SYNOPSIS

```
pod2text [-aclostu] [--code] [--errors=style] [-i indent] [-q quotes] [--nourls] [--stderr] [-w width] [input [output ...]]
```

```
pod2text -h
```

DESCRIPTION

pod2text is a front-end for Pod::Text and its subclasses. It uses them to generate formatted ASCII text from POD source. It can optionally use either termcap sequences or ANSI color escape sequences to format the text.

input is the file to read for POD source (the POD can be embedded in code). If *input* isn't given, it defaults to `STDIN`. *output*, if given, is the file to which to write the formatted output. If *output* isn't given, the formatted output is written to `STDOUT`. Several POD files can be processed in the same **pod2text** invocation (saving module load and compile times) by providing multiple pairs of *input* and *output* files on the command line.

OPTIONS

-a, --alt

Use an alternate output format that, among other things, uses a different heading style and marks `=item` entries with a colon in the left margin.

--code

Include any non-POD text from the input file in the output as well. Useful for viewing code documented with POD blocks with the POD rendered and the code left intact.

-c, --color

Format the output with ANSI color escape sequences. Using this option requires that `Term::ANSIColor` be installed on your system.

-i indent, --indent=indent

Set the number of spaces to indent regular text, and the default indentation for `=over` blocks. Defaults to 4 spaces if this option isn't given.

-errors=style

Set the error handling style. `die` says to throw an exception on any POD formatting error. `stderr` says to report errors on standard error, but not to throw an exception. `pod` says to include a POD ERRORS section in the resulting documentation summarizing the errors. `none` ignores POD errors entirely, as much as possible.

The default is `die`.

-h, --help

Print out usage information and exit.

-l, --loose

Print a blank line after a `=head1` heading. Normally, no blank line is printed after `=head1`, although one is still printed after `=head2`, because this is the expected formatting for manual pages; if you're formatting arbitrary text documents, using this option is recommended.

-m width, --left-margin=width, --margin=width

The width of the left margin in spaces. Defaults to 0. This is the margin for all text, including headings, not the amount by which regular text is indented; for the latter, see `-i` option.

--nourls

Normally, `L<>` formatting codes with a URL but anchor text are formatted to show both the anchor text and the URL. In other words:

```
L<foo|http://example.com/>
```

is formatted as:

```
foo <http://example.com/>
```

This flag, if given, suppresses the URL when anchor text is given, so this example would be formatted as just `foo`. This can produce less cluttered output in cases where the URLs are not particularly important.

-o, --overstrike

Format the output with overstrike printing. Bold text is rendered as character, backspace, character. Italics and file names are rendered as underscore, backspace, character. Many paggers, such as **less**, know how to convert this to bold or underlined text.

-q quotes, --quotes=quotes

Sets the quote marks used to surround `C<>` text to *quotes*. If *quotes* is a single character, it is used as both the left and right quote; if *quotes* is two characters, the first character is used as the left quote and the second as the right quoted; and if *quotes* is four characters, the first two are used as the left quote and the second two as the right quote.

quotes may also be set to the special value `none`, in which case no quote marks are added around `C<>` text.

-s, --sentence

Assume each sentence ends with two spaces and try to preserve that spacing. Without this option, all consecutive whitespace in non-verbatim paragraphs is compressed into a single space.

--stderr

By default, **pod2text** dies if any errors are detected in the POD input. If **--stderr** is given and no **--errors** flag is present, errors are sent to standard error, but **pod2text** does not abort. This is equivalent to `--errors=stderr` and is supported for backward compatibility.

-t, --termcap

Try to determine the width of the screen and the bold and underline sequences for the terminal from termcap, and use that information in formatting the output. Output will be wrapped at two columns less than the width of your terminal device. Using this option requires that your system have a termcap file somewhere where `Term::Cap` can find it and requires that your system support termios. With this option, the output of **pod2text** will contain terminal control sequences for your current terminal type.

-u, --utf8

By default, **pod2text** tries to use the same output encoding as its input encoding (to be backward-compatible with older versions). This option says to instead force the output encoding to UTF-8.

Be aware that, when using this option, the input encoding of your POD source must be properly declared unless it is US-ASCII or Latin-1. POD input without an `=encoding` command will be assumed to be in Latin-1, and if it's actually in UTF-8, the output will be double-encoded. See *perlpod(1)* for more information on the `=encoding` command.

-w, --width=width, -width

The column at which to wrap text on the right-hand side. Defaults to 76, unless **-t** is given, in

which case it's two columns less than the width of your terminal device.

EXIT STATUS

As long as all documents processed result in some output, even if that output includes errata (a `POD ERRORS` section generated with `--errors=pod`), **pod2text** will exit with status 0. If any of the documents being processed do not result in an output document, **pod2text** will exit with status 1. If there are syntax errors in a POD document being processed and the error handling style is set to the default of `die`, **pod2text** will abort immediately with exit status 255.

DIAGNOSTICS

If **pod2text** fails with errors, see *Pod::Text* and *Pod::Simple* for information about what those errors might mean. Internally, it can also produce the following diagnostics:

-c (`--color`) requires `Term::ANSIColor` be installed

(F) **-c** or **--color** were given, but `Term::ANSIColor` could not be loaded.

Unknown option: %s

(F) An unknown command line option was given.

In addition, other *Getopt::Long* error messages may result from invalid command-line options.

ENVIRONMENT

COLUMNS

If **-t** is given, **pod2text** will take the current width of your screen from this environment variable, if available. It overrides terminal width information in `TERMCAP`.

TERMCAP

If **-t** is given, **pod2text** will use the contents of this environment variable if available to determine the correct formatting sequences for your current terminal device.

SEE ALSO

Pod::Text, *Pod::Text::Color*, *Pod::Text::Overstrike*, *Pod::Text::Termcap*, *Pod::Simple*, *perlpod(1)*

The current version of this script is always available from its web site at <http://www.eyrie.org/~eagle/software/podlators/>. It is also part of the Perl core distribution as of 5.6.0.

AUTHOR

Russ Allbery <rra@stanford.edu>.

COPYRIGHT AND LICENSE

Copyright 1999, 2000, 2001, 2004, 2006, 2008, 2010, 2012, 2013 Russ Allbery <rra@stanford.edu>.

This program is free software; you may redistribute it and/or modify it under the same terms as Perl itself.