NAME

perlsh – one–line perl evaluator with line editing function and   variable name completion function

SYNOPSIS

```
perlsh
```

DESCRIPTION

This program reads input a line, and evaluates it by perl interpreter, and prints the result. If the result is a list value then each value of the list is printed line by line. This program can be used as a very strong calculator which has whole perl functions.

This is a sample program Term::ReadLine::Gnu module. When you input a line, the line editing function of GNU Readline Library is available. Perl symbol name completion function is also available.

Before invoking, this program reads *˜/.perlshrc* and evaluates the content of the file.

When this program is terminated, the content of the history buffer is saved in a file *˜/.perlsh_history*, and it is read at next invoking.

VARIABLES

You can customize the behavior of `perlsh` by setting following variables in *˜/.perlshrc*;

`$PerlSh::PS1`
> The primary prompt string. The following backslash-escaped special characters can be used.
>
> ```
> \h: host name
> \u: user name
> \w: package name
> \!: history number
> ```
>
> The default value is '`\w[\!]$ `'.

`$PerlSh::PS2`
> The secondary prompt string. The default value is '`> `'.

`$PerlSh::HISTFILE`
> The name of the file to which the command history is saved. The default value is `˜/.perlsh_history`.

`$PerlSh::HISTSIZE`
> If not `undef`, this is the maximum number of commands to remember in the history. The default value is 256.

`$PerlSh::STRICT`
> If true, restrict unsafe constructs. See `use strict` in perl man page. The default value is 0;

FILES

˜/.perlshrc
> This file is eval-ed at initialization. If a subroutine `afterinit` is defined in this file, it will be eval-ed after initialization. Here is a sample.
>
> ```
> # -*- mode: perl -*-
> # decimal to hexa
> sub h { map { sprintf("0x%x", $_ ) } @_;}
>
> sub tk {
>     $t->tkRunning(1);
>     use Tk;
>     $mw = MainWindow->new();
> }
>
> # for debugging Term::ReadLine::Gnu
> sub afterinit {
> ```

```
                          *t = \$PerlSh::term;
                          *a = \$PerlSh::attribs;
                  }
```

˜/.perlsh_history
˜/.inputrc
     A initialization file for the GNU Readline Library. Refer its manual for details.

SEE ALSO
     Term::ReadLine::Gnu <http://search.cpan.org/dist/Term-ReadLine-Gnu/>

     GNU Readline Library <https://tiswww.cwru.edu/php/chet/readline/rltop.html>

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