NAME

dirstack – directory browser/selector

SYNOPSIS

dirstack [**-hnpq**]

DESCRIPTION

The **dirstack** utility is an interactive directory browser. It maintains a 'stack' of directories as do the **pushd**/**popd** commands of some shells, but in a visual, scrollable list.

When **dirstack** is run, it optionally adds the current working directory to the top of the stack (if the **-p** switch is supplied). If the current directory is already on the stack, it moves it to the top of the stack. It then displays a *curses*-based text interface which shows the directory stack as a scrollable list.

A directory may be selected from the list with the keyboard, or--on those terminals that support mouse input--with the mouse. The following commands are recognized:

Down-Arrow or j

Any of these keys will move the highlight down to the next directory in the list, scrolling the list if necessary.

Up-Arrow or k

Any of these keys will move the highlight up to the previous directory in the list, scrolling the list if necessary.

Right-Arrow, n, or Next-Page

Any of these keys will show the next screenful of directories.

Left-Arrow, p, or Prev-Page

Any of these keys will show the previous screenful of directories.

Backspace or d

Any of these keys will remove the currently-highlighted directory from the stack. If there is only one directory left on the stack, the command is ignored.

Return or Space

Any of these keys will accept the currently selected directory and exit the program.

^L   Pressing this key will cause a full screen repaint.

q   This key will exit the program without accepting the selected directory.

On terminals that support mouse input, the mouse can be used to scroll
the list and select a directory. Single-clicking on a directory will select the directory. Double-clicking on a directory will select and accept the directory. Clicking on a ''--more--'' line has the same effect as paging up or down in the corresponding direction.

dirstack must be integrated with the shell via shell aliases.

For **csh/tcsh** the aliases are:

```
alias ds 'dirstack && cd `cat ~/.dirstacksel`'

alias dspush 'dirstack -pn'
```

For **bash** the aliases are:

```
function ds ()
  { dirstack && cd "`cat "$HOME/.dirstacksel"`"; }
```

```
alias dspush='dirstack -pn'
```

For **zsh** the aliases are:

```
alias ds='dirstack && cd `cat ~/.dirstacksel`'

alias dspush='dirstack -pn'
```

For **ksh** the aliases are:

```
ds ()
  { dirstack && cd "`cat "$HOME/.dirstacksel"`"; }

alias dspush='dirstack -pn'
```

Once the alias is defined, **dirstack** is used by invoking the alias rather than by running the binary directly.

OPTIONS

The following command line options are recognized:

-h   Display a command synopsis and copyright message, and exit.

-n   Do not start the browser (no stack display).

-p   Push the current directory onto the stack.

-q   Run quietly: do not beep the terminal in response to invalid keypresses.

NOTES

There is presently no error checking to determine if any given directory actually exists and/or is accessible.

dirstack will not run on a screen smaller than 40x10.

FILES

˜/.dirstack   to save the contents of the directory stack

˜/.dirstacksel   to save the currently selected directory

SEE ALSO

cd(1)

AUTHOR

Mark Lindner <markl@gnu.org>