

**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

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