

NAME

dircolors — prepare colourisation for `ls(1)`

SYNOPSIS

eval "\$(**dircolors** [-b] [database])" (sh(1)-style shells)

eval "`**dircolors** [-c] [database]`" (csh(1)-like shells)

dircolors -D [LS_COLORS] > database

dircolors -p

DESCRIPTION

Writes a shell snippet setting `LS_COLORS` to the standard output stream. When **evalled**, subsequent **ls --color** runs will produce coloured output.

The colours embedded into `LS_COLORS` are determined by the *database* (standard input stream if "-"). One was inlined into this **dircolors**, and will be used if an explicit one isn't specified. See below or **-p**.

-D turns `LS_COLORS` into a *database* on the standard output stream, for subsequent editing. If it's a teletype, colours are reproduced.

OPTIONS

-b, --sh, --bourne-shell Produce `LS_COLORS='...'; export LS_COLORS`

-c, --csh, --c-shell Produce `setenv LS_COLORS '...'`

-D, --print-ls-colors Parse `LS_COLORS` into a database to the standard output stream.

-p, --print-database Copy the built-in database to the standard output stream.

ENVIRONMENT

`SHELL` Without **-bc**, the default is **-c** if `SHELL` contains "csh", otherwise **-b**.

`LS_COLORS` Parsed for **-D** if `LS_COLORS` wasn't specified.

FILES

```
# voreutils dircolors database
#     eval "$(dircolors)"
#
# Columns are separated with tabs
# (Except in the first section) the first column is the escape value
# Subsequent columns are symbolic names that should use this escape value, as found
# For clarity, all normal escapes are laid out vertically, but
#     40;33;01      bd      cd
# would've been equally valid and equivalent
#
# Comments are removed (and started with <tab>#)
# Blank lines and lines starting with #es are removed

#           lc      # escape start (defaults to escape[])
#           rc      # escape end   (defaults to m)
#           ec      # reset (full) (defaults to {lc}{rs}{rc})
#           0       rs      # reset

30;42      tw      # directory      (o+wt)          (green background, black text)
37;44      st      # directory      (o+t)           (blue background, white text)
34;42      ow      # directory      (o+w)           (green background, blue text)
01;34      di      # directory      (default)        (blue text, bold)

40;33;01   bd      # block device          (yellow text, bold)
40;33;01   cd      # character device
```

```

40;33      pi      # pipe (FIFO)                      (yellow text)
01;35      so      # socket                          (pink text, bold)
01;35      do      # door

01;36      ln      # symbolic link (default)          (teal text, bold)
40;31;01   or      # symbolic link (dangling)         (red text, bold)
00         mi      # dangling symbolic link target (unset/all-0s to copy dangli

37;41      su      # regular file (u+s)              (red background, white text)
30;43      sg      # regular file (g+s)              (yellow background, black text)
01;32      ex      # regular file (executable)        (green text, bold)
#          mh      # regular file (st_nlink>1) (unset/all-0s to ignore)
#          fi      # regular file (nonexecutable)

#          no      # normal text (also default for regular files)

# non-executable regular files whose names case-insensitively fnmatch(3) the expre
# backups:      grey text
00;90      *#      *.bak *.dpkg-dist *.dpkg-old *.old *.orig *.part *.rej
# compressed:  red text, bold
01;31      *.7z     *.ace *.alz *.arc *.arj *.br *.bz *.bz2 *.cab *.cpio
# audio:       teal text, dim
00;36      *.aac    *.au  *.flac *.m4a *.mid *.midi *.mka *.mp3 *.mpc *.oga
# video, image:      pink text, bold
01;35      *.asf    *.avi  *.avif *.bmp *.cgm *.dl *.emf *.flc *.fli *.flv

```

SEE ALSO

ls(1)

STANDARDS

Compatible with the GNU system (this implementation's *database* format is unrelated). Its **--print-ls-colors** doesn't actually reconstruct a *database*. The **-D** spelling is an extension.