

Package 'curses'

curses functions

curses.ACS_BBSS	curses.ACS_BLOCK	curses.ACS_BOARD
curses.ACS_BSBS	curses.ACS_BSSB	curses.ACS_BSSS
curses.ACS_BTEE	curses.ACS_BULLET	curses.ACS_CKBOARD
curses.ACS_DARROW	curses.ACS_DEGREE	curses.ACS_DIAMOND
curses.ACS_GEQUAL	curses.ACS_HLINE	curses.ACS_LANTERN
curses.ACS_LARROW	curses.ACS_LEQUAL	curses.ACS_LLCORNER
curses.ACS_LRCORNER	curses.ACS_LTEE	curses.ACS_NEQUAL
curses.ACS_PI	curses.ACS_PLMINUS	curses.ACS_PLUS
curses.ACS_RARROW	curses.ACS_RTEE	curses.ACS_S1
curses.ACS_S3	curses.ACS_S7	curses.ACS_S9
curses.ACS_SBBS	curses.ACS_SBSB	curses.ACS_SBSS
curses.ACS_SSBB	curses.ACS_SSBS	curses.ACS_SSSB
curses.ACS_SSSS	curses.ACS_STERLING	curses.ACS_TTEE
curses.ACS_UARROW	curses.ACS_ULCORNER	curses.ACS_URCORNER
curses.ACS_VLINE	curses.BUTTON_CLICK	curses.BUTTON_DOUBLE_CLICK
curses.BUTTON_PRESS	curses.BUTTON_RELEASE	curses.BUTTON_RESERVED_EVENT
curses.BUTTON_TRIPLE_CLICK	curses.COLORS	curses.COLOR_PAIR
curses.COLOR_PAIRS	curses.COLS	curses.ESCDELAY
curses.KEY_F	curses.LINES	curses.NCURSES_ACS
curses.PAIR_NUMBER	curses.TABSIZE	curses.addch
curses.addmousemask	curses.addnstr	curses.addstr
curses.assume_default_colors	curses.attr_get	curses.attr_off
curses.attr_on	curses.attr_set	curses.attroff
curses.attron	curses.attrset	curses.baudrate
curses.beep	curses.bkgd	curses.bkgdset
curses.border	curses.box	curses.can_change_color
curses.cbreak	curses.chgat	curses.clear
curses.clearok	curses.clrtobot	curses.clrtoeol
curses.color_content	curses.color_set	curses.copywin
curses.curs_set	curses.curscr	curses.curses_version
curses.def_prog_mode	curses.def_shell_mode	curses.define_key
curses.delay_output	curses.delch	curses.deleteln
curses.delscreen	curses.delwin	curses.derwin
curses.doupdate	curses.dupwin	curses.echo
curses.echochar	curses.endwin	curses.erase
curses.erasechar	curses.filter	curses.flash
curses.flushinp	curses.getbegyx	curses.getbkgd
curses.getch	curses.getmaxyx	curses.getmouse
curses.getnstr	curses.getparyx	curses.getwin
curses.getyx	curses.halfdelay	curses.has_colors
curses.has_ic	curses.has_il	curses.hline
curses.idcok	curses.idlok	curses.immedok
curses.inch	curses.init_color	curses.init_pair
curses.initscr	curses.innstr	curses.insch
curses.insdelln	curses.insertln	curses.insnstr
curses.insstr	curses.instr	curses.intrflush
curses.is_linetouched	curses.is_term_resized	curses.is_wintouched
curses.isendwin	curses.key_defined	curses.keybound
curses.keyname	curses.keyok	curses.keypad
curses.killchar	curses.leaveok	curses.longname

curses.meta	curses.mouse_trafo	curses.mouseinterval
curses.mousemask	curses.move	curses.mvaddch
curses.mvaddnstr	curses.mvaddstr	curses.mvchgat
curses.mvcur	curses.mvdelch	curses.mvderwin
curses.mvgetch	curses.mvgetnstr	curses.mvhlne
curses.mvinch	curses.mvinnstr	curses.mvinsch
curses.mvinsnstr	curses.mvinsstr	curses.mvinstr
curses.mvvline	curses.mvwaddch	curses.mvwaddstr
curses.mvwchgat	curses.mvwdelch	curses.mvwgetch
curses.mvwgetnstr	curses.mvwhlne	curses.mvwin
curses.mvwinch	curses.mvwinnstr	curses.mvwinsch
curses.mvwinsnstr	curses.mvwinsstr	curses.mvwinstr
curses.mvwvline	curses.napms	curses.newpad
curses.newschr	curses.newterm	curses.newwin
curses.nl	curses.nocbreak	curses.nodelay
curses.noecho	curses.nonl	curses.noqiflush
curses.noraw	curses.notimeout	curses.overlay
curses.override	curses.pair_content	curses.pechochar
curses.pnoutrefresh	curses.prefresh	curses.putp
curses.putwin	curses.qiflush	curses.raw
curses.redrawwin	curses.refresh	curses.reset_prog_mode
curses.reset_shell_mode	curses.resetty	curses.resize_term
curses.resizeterm	curses.savetty	curses.scr_dump
curses.scr_init	curses.scr_restore	curses.scr_set
curses.scrll	curses.scroll	curses.scrollok
curses.set_term	curses.setscrreg	curses.standend
curses.standout	curses.start_color	curses.stdscr
curses.subpad	curses.subwin	curses.syncok
curses.timeout	curses.touchline	curses.touchwin
curses.typeahead	curses.ungetch	curses.ungetmouse
curses.untouchwin	curses.use_default_colors	curses.use_env
curses.use_extended_names	curses.vidattr	curses.vline
curses.waddch	curses.waddnstr	curses.waddstr
curses.wattr_get	curses.wattr_off	curses.wattr_on
curses.wattr_set	curses.wattroff	curses.wattron
curses.wattrset	curses.wbkgd	curses.wbkgdset
curses.wborder	curses.wchgat	curses.wclear
curses.wclrto bot	curses.wclrtoeol	curses.wcolor_set
curses.wcursyncup	curses.wdelch	curses.wdeleteln
curses.wechochar	curses.wenclose	curses.werase
curses.wgetch	curses.wgetnstr	curses.whline
curses.winch	curses.winnstr	curses.winsch
curses.winsdelln	curses.winertln	curses.winsnstr
curses.winsstr	curses.winstr	curses.wmouse_trafo
curses.wmove	curses.wnoutrefresh	curses.wredrawln
curses.wrefresh	curses.wresize	curses.wscrll
curses.wsetscrreg	curses.wstandend	curses.wstandout
curses.wsyncdown	curses.wsyncup	curses.wtimeout
curses.wtouchln	curses.wvline	

curses numbers

curses.ALL_MOUSE_EVENTS	curses.A_ALTCHARSET	curses.A_ATTRIBUTES
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curses.A_BLINK	curses.A_BOLD	curses.A_CHARTTEXT
curses.A_COLOR	curses.A_DIM	curses.A_HORIZONTAL
curses.A_INVIS	curses.A_LEFT	curses.A_LOW
curses.A_NORMAL	curses.A_PROTECT	curses.A_REVERSE
curses.A_RIGHT	curses.A_STANDOUT	curses.A_TOP
curses.A_UNDERLINE	curses.A_VERTICAL	curses.BUTTON1_CLICKED
curses.BUTTON1_DOUBLE_CLICKED	curses.BUTTON1_PRESSED	curses.BUTTON1_RELEASED
curses.BUTTON1_RESERVED_EVENT	curses.BUTTON1_TRIPLE_CLICKED	curses.BUTTON2_CLICKED
curses.BUTTON2_DOUBLE_CLICKED	curses.BUTTON2_PRESSED	curses.BUTTON2_RELEASED
curses.BUTTON2_RESERVED_EVENT	curses.BUTTON2_TRIPLE_CLICKED	curses.BUTTON3_CLICKED
curses.BUTTON3_DOUBLE_CLICKED	curses.BUTTON3_PRESSED	curses.BUTTON3_RELEASED
curses.BUTTON3_RESERVED_EVENT	curses.BUTTON3_TRIPLE_CLICKED	curses.BUTTON4_CLICKED
curses.BUTTON4_DOUBLE_CLICKED	curses.BUTTON4_PRESSED	curses.BUTTON4_RELEASED
curses.BUTTON4_RESERVED_EVENT	curses.BUTTON4_TRIPLE_CLICKED	curses.BUTTON_ALT
curses.BUTTON_CTRL	curses.BUTTON_SHIFT	curses.COLOR_BLACK
curses.COLOR_BLUE	curses.COLOR_CYAN	curses.COLOR_GREEN
curses.COLOR_MAGENTA	curses.COLOR_RED	curses.COLOR_WHITE
curses.COLOR_YELLOW	curses.ERR	curses.KEY_A1
curses.KEY_A3	curses.KEY_B2	curses.KEY_BACKSPACE
curses.KEY_BEG	curses.KEY_BREAK	curses.KEY_BTAB
curses.KEY_C1	curses.KEY_C3	curses.KEY_CANCEL
curses.KEY_CATAB	curses.KEY_CLEAR	curses.KEY_CLOSE
curses.KEY_CODE_YES	curses.KEY_COMMAND	curses.KEY_COPY
curses.KEY_CREATE	curses.KEY_CTAB	curses.KEY_DC
curses.KEY_DL	curses.KEY_DOWN	curses.KEY_EIC
curses.KEY_END	curses.KEY_ENTER	curses.KEY_EOL
curses.KEY_EOS	curses.KEY_EVENT	curses.KEY_EXIT
curses.KEY_F0	curses.KEY_FIND	curses.KEY_HELP
curses.KEY_HOME	curses.KEY_IC	curses.KEY_IL
curses.KEY_LEFT	curses.KEY_LL	curses.KEY_MARK
curses.KEY_MAX	curses.KEY_MESSAGE	curses.KEY_MIN
curses.KEY_MOUSE	curses.KEY_MOVE	curses.KEY_NEXT
curses.KEY_NPAGE	curses.KEY_OPEN	curses.KEY_OPTIONS
curses.KEY_PPAGE	curses.KEY_PREVIOUS	curses.KEY_PRINT
curses.KEY_REDO	curses.KEY_REFERENCE	curses.KEY_REFRESH
curses.KEY_REPLACE	curses.KEY_RESET	curses.KEY_RESIZE
curses.KEY_RESTART	curses.KEY_RESUME	curses.KEY_RIGHT
curses.KEY_SAVE	curses.KEY_SBEG	curses.KEY_SCANCEL
curses.KEY_SCOMMAND	curses.KEY_SCOPY	curses.KEY_SCREATE
curses.KEY_SDC	curses.KEY_SDL	curses.KEY_SELECT
curses.KEY_SEND	curses.KEY_SEOL	curses.KEY_SEXIT
curses.KEY_SF	curses.KEY_SFIND	curses.KEY_SHELP
curses.KEY_SHOME	curses.KEY_SIC	curses.KEY_SLEFT
curses.KEY_SMESSAGE	curses.KEY_SMOVE	curses.KEY_SNEXT
curses.KEY_SOPTIONS	curses.KEY_SPREVIOUS	curses.KEY_SPRINT
curses.KEY_SR	curses.KEY_SREDO	curses.KEY_SREPLACE
curses.KEY_SRESET	curses.KEY_SRIGHT	curses.KEY_SRSUME
curses.KEY_SSAVE	curses.KEY_SSUSPEND	curses.KEY_STAB
curses.KEY_SUNDO	curses.KEY_SUSPEND	curses.KEY_UNDO
curses.KEY_UP	curses.OK	curses.REPORT_MOUSE_POSITION
curses.WA_ALTCHARSET	curses.WA_ATTRIBUTES	curses.WA_BLINK
curses.WA_BOLD	curses.WA_DIM	curses.WA_HORIZONTAL
curses.WA_INVIS	curses.WA_LEFT	curses.WA_LOW

curses.WA_NORMAL
curses.WA_RIGHT
curses.WA_UNDERLINE

curses.WA_PROTECT
curses.WA_STANDOUT
curses.WA_VERTICAL

curses.WA_REVERSE
curses.WA_TOP

window metatable

window functions

window:addch	window:addnstr	window:addstr
window:attr_get	window:attr_off	window:attr_on
window:attr_set	window:attroff	window:attron
window:attrset	window:bkgd	window:bkgdset
window:border	window:box	window:chgat
window:clear	window:clearok	window:clrtoebot
window:clrtoeol	window:color_set	window:cursyncup
window:delch	window:deleteln	window:delwin
window:derwin	window:dupwin	window:echochar
window:enclose	window:erase	window:getbkgd
window:getch	window:getnstr	window:hline
window:idcok	window:idlok	window:immedok
window:inch	window:innstr	window:insch
window:insdelln	window:insertln	window:insnstr
window:insstr	window:instr	window:intrflush
window:is_linetouched	window:is_wintouched	window:keypad
window:leaveok	window:meta	window:mouse_trafo
window:move	window:mvaddch	window:mvaddstr
window:mvchgat	window:mvdclch	window:mvderrwin
window:mvgetch	window:mvgetnstr	window:mvhline
window:mvin	window:mvinch	window:mvinstr
window:mvinstr	window:mvinstr	window:mvinstr
window:mvinstr	window:mvvline	window:nodelay
window:notimeout	window:noutrefresh	window:pechochar
window:pnoutrefresh	window:prefresh	window:putwin
window:redrawln	window:redrawwin	window:refresh
window:scrl	window:scroll	window:scrollok
window:setscreg	window:standend	window:standout
window:syncdown	window:syncup	window:timeout
window:touchline	window:touchln	window:touchwin
window:untouchwin	window:vline	

screen metatable

screen functions

screen:delscreen screen:set_term

Notes

This library was generated for curses 5.4.

Curses constants (such as `COLOR_BLACK`) included as numbers into table 'curses'.

Curses variables (such as `COLORS`) included as functions into table 'curses'. Therefore, if you want to get number of colors, you should write something like this: `colors = curses.COLORS()`.

Most of the functions return that their C equivalents return and have the same arguments. All exceptions are listed below.

- `attr_get`, `wattr_get` functions return three values: number, that C functions return, then attribute and color pair.
- `color_content` returns four values: number, that C function returns, then three components of color.
- `pair_content` returns three value: number, that C function returns, then two components of pair.
- `getyx`, `getbegyx`, `getparyx`, `getmaxyx` functions return two values: y and x.
- `getnstr`, `wgetnstr`, `mvgetnstr`, `mvwgetnstr` functions return read string. For example, you should call them like this: `s = curses.mvgetnstr(y, x, 100)`.
- `getmouse` returns six values: boolean value of success and then contents of `MEVENT` structure (`id`, `x`, `y`, `z` and `bstate`).
- `ungetmouse` returns boolean value of success. It has five arguments — the contents of `MEVENT` structure, e.g. you should call this function this way: `res = curses.ungetmouse(id, x, y, z, bstate)`.
- `mouse_trafo`, `wmouse_trafo` functions return 3 values: boolean value of success that C functions return, then two converted coordinates — y and x.
- `mousemask` returns two values: number, that C function returns, and old `mmask_t`. To set several mouse masks use `addmousemask`.