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.mvhline
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.mvwhline
curses.mvwin
curses.mvwinch
curses.mvwinnstr
curses.mvwinsch
curses.mvwinsnstr
curses.mvwinsstr
curses.mvwinstr
curses.mvwvline
curses.napms
curses.newpad
curses.newscr
curses.newterm
curses.newwin
curses.nl
curses.nocbreak
curses.nodelay
curses.noecho
curses.nonl
curses.noqiflush
curses.noraw
curses.notimeout
curses.overlay
curses.overwrite
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.scrl
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.wclrtobot
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.winsertln
curses.winsnstr
curses.winsstr
curses.winstr
curses.wmouse_trafo
curses.wmove
curses.wnoutrefresh
curses.wredrawln
curses.wrefresh
curses.wresize
curses.wscrl
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

curses.A_BLINK
curses.A_BOLD
curses.A_CHARTEXT
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_PROTECT
curses.WA_REVERSE
curses.WA_RIGHT
curses.WA_STANDOUT
curses.WA_TOP
curses.WA_UNDERLINE
curses.WA_VERTICAL

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:clrtobot
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:mvdelch
window:mvderwin
window:mvgetch
window:mvgetnstr
window:mvhline
window:mvin
window:mvinch
window:mvinnstr
window:mvinsch
window:mvinsnstr
window:mvinsstr
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:setscrreg
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 somethink 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 funciton returns, and old `mmask_t`. To set several mouse masks use `addmousemask`.