

NAME

is_cleared, is_idlok, is_idcok, is_immedok, is_keypad, is_leaveok, is_nodelay, is_notimeout, is_pad, is_scrollok, is_subwin, is_syncok, wgetdelay, wgetparent, wgetscrreg - curses window properties

SYNOPSIS

```
#include <curses.h>
```

```
bool is_cleared(const WINDOW *win);
bool is_idcok(const WINDOW *win);
bool is_idlok(const WINDOW *win);
bool is_immedok(const WINDOW *win);
bool is_keypad(const WINDOW *win);
bool is_leaveok(const WINDOW *win);
bool is_nodelay(const WINDOW *win);
bool is_notimeout(const WINDOW *win);
bool is_pad(const WINDOW *win);
bool is_scrollok(const WINDOW *win);
bool is_subwin(const WINDOW *win);
bool is_syncok(const WINDOW *win);
WINDOW * wgetparent(const WINDOW *win);
int wgetdelay(const WINDOW *win);
int wgetscrreg(const WINDOW *win, int *top, int *bottom);
```

DESCRIPTION

This implementation provides functions which return properties set in the WINDOW structure, allowing it to be "opaque" if the symbol **NCURSES_OPAQUE** is defined:

is_cleared

returns the value set in **clearok**

is_idcok

returns the value set in **idcok**

is_idlok

returns the value set in **idlok**

is_immedok

returns the value set in **immedok**

is_keypad

returns the value set in **keypad**

is_leaveok

returns the value set in **leaveok**

is_nodelay

returns the value set in **nodelay**

is_notimeout

returns the value set in **notimeout**

is_pad

returns **TRUE** if the window is a pad i.e., created by **newpad**

is_scrollok

returns the value set in **scrollok**

is_subwin

returns **TRUE** if the window is a subwindow, i.e., created by **subwin** or **derwin**

is_syncok

returns the value set in **syncok**

wgetdelay

returns the delay timeout as set in **wtimeout**.

wgetparent

returns the parent WINDOW pointer for subwindows, or NULL for windows having no parent.

wgetscrreg

returns the top and bottom rows for the scrolling margin as set in **wsetscreg**.

RETURN VALUE

These functions all return **TRUE** or **FALSE**, except as noted.

NOTES

Both a macro and a function are provided for each name.

PORTABILITY

These routines are specific to ncurses. They were not supported on Version 7, BSD or System V

`curs_opaque(3X)`

`curs_opaque(3X)`

implementations. It is recommended that any code depending on ncurses extensions be conditioned using `NCURSES_VERSION`.

SEE ALSO

`curses(3X)`, `curs_inopts(3X)`, `curs_outopts(3X)`, `curs_window(3X)`

`curs_opaque(3X)`