

**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 **wsetscrreg**.

**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)`