NAME
    overlay, **overwrite**, **copywin** - overlay and manipulate overlapped **curses** windows

SYNOPSIS
    #include <curses.h>

    int overlay(const WINDOW *srcwin**, WINDOW ***dstwin**);**
    int overwrite(const WINDOW *srcwin**, WINDOW ***dstwin**);**
    int copywin(const WINDOW *srcwin**, WINDOW ***dstwin**, int** *sminrow***,**
        int *smincol***, int** *dminrow***, int** *dmincol***, int** *dmaxrow***,**
        int *dmaxcol***, int** *overlay***);**

DESCRIPTION
  overlay, overwrite
    The **overlay** and **overwrite** routines overlay *srcwin* on top of *dstwin*. *scrwin* and *dstwin* are not
    required to be the same size; only text where the two windows overlap is copied. The difference is that
    overlay is non-destructive (blanks are not copied) whereas **overwrite** is destructive.

  copywin
    The **copywin** routine provides a finer granularity of control over the **overlay** and **overwrite** routines. As
    in the **prefresh** routine, a rectangle is specified in the destination window, (*dminrow*, *dmincol*) and
    (*dmaxrow*, *dmaxcol*), and the upper-left-corner coordinates of the source window, (*sminrow*, *smincol*).
    If the argument *overlay* is **true**, then copying is non-destructive, as in **overlay**.

RETURN VALUE
    Routines that return an integer return **ERR** upon failure, and **OK** (SVr4 only specifies "an integer value
    other than **ERR**") upon successful completion.

    X/Open defines no error conditions. In this implementation, **copywin**, **overlay** and **overwrite** return an
    error if either of the window pointers are null, or if some part of the window would be placed off-
    screen.

NOTES
    Note that **overlay** and **overwrite** may be macros.

PORTABILITY
    The XSI Curses standard, Issue 4 describes these functions (adding the const qualifiers). It further
    specifies their behavior in the presence of characters with multibyte renditions (not yet supported in
    this implementation).

SEE ALSO
    curses(3X), **curs_pad**(3X), **curs_refresh**(3X)