XdbeSwapBuffers - swaps front and back DBE buffers.

#include <X11/extensions/Xdbe.h>

Status XdbeSwapBuffers(
    Display   *dpy,
    XdbeSwapInfo *swap_info,
    int        num_windows)

This function swaps the front and back buffers for a list of windows. The argument num_windows specifies how many windows are to have their buffers swapped; it is the number of elements in the swap_info array. The argument swap_info specifies the information needed per window to do the swap.

The XdbeSwapInfo structure has the following fields:

    Window         swap_window
    XdbeSwapAction swap_action

swap_window specifies the window for which to swap buffers. swap_action specifies the swap action to use for this swap_window.

swap_action determines what will happen to the new back buffer of the swap_window it is paired with in the list in addition to making the old back buffer become visible. The defined actions are as follows:

XdbeUndefined
    The contents of the new back buffer become undefined. This may be the most efficient action since it allows the implementation to discard the contents of the buffer if it needs to.

XdbeBackground
    The unobscured region of the new back buffer will be tiled with the window background. The background action allows devices to use a fast clear capability during a swap.

XdbeUntouched
    The unobscured region of the new back buffer will be unmodified by the swap.

XdbeCopied
    The unobscured region of the new back buffer will be the contents of the old back buffer

BadMatch
    A non-double-buffered window was specified or a window was specified twice.

BadWindow
    An invalid window was specified.

BadValue
    An invalid swap action was specified.

DBE, XdbeAllocateBackBufferName(), XdbeBeginIdiom(), XdbeDeallocateBackBufferName(), XdbeEndIdiom(), XdbeFreeVisualInfo(), XdbeGetBackBufferAttributes(), XdbeGetVisualInfo(), XdbeQueryExtension().