NAME
    XdbeSwapBuffers - swaps front and back DBE buffers.

SYNOPSIS
    #include <X11/extensions/Xdbe.h>

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

DESCRIPTION
    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

ERRORS

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.

SEE ALSO

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