

**NAME**

XdbeAllocateBackBufferName - allocates a DBE buffer.

**SYNOPSIS**

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

```
XdbeBackBuffer XdbeAllocateBackBufferName(  
    Display      *dpy,  
    Window       window,  
    XdbeSwapAction swap_action)
```

**DESCRIPTION**

This function returns a drawable ID used to refer to the back buffer of the specified window. The `swap_action` is a hint to indicate the swap action that will likely be used in subsequent calls to **XdbeSwapBuffers()**. The actual swap action used in calls to **XdbeSwapBuffers()** does not have to be the same as the `swap_action` passed to this function, though clients are encouraged to provide accurate information whenever possible.

**ERRORS**

BadAlloc

BadIDChoice

BadMatch

The specified window is not an InputOutput window or its visual does not support DBE.

BadValue

An invalid swap action was specified.

BadWindow

An invalid window was specified.

**SEE ALSO**

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