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Subject: Re: Transparent TopWindow

Posted by [galious](#) on Thu, 19 Feb 2009 07:18:11 GMT

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Using GetHWND() was easy. However I would like to add the transparent possibility to Upp. It seems for Windows we've 2 possibilities:

1. When we call Transparent(bool isTransparent, Color color) immediately call SetLayeredWindowAttributes(...).
2. Store the color to be transparent and use it in UpdateLayeredWindow(...) once we're going to draw the window. However this will probably be slower, since the UpdateLayeredWindow always updates the entire window. I'm not sure what Upp does when updating the window (only parts, or the always complete window).

Could someone direct me where I can catch up how to do this in X11 / xlib, I suppose it will be with some kind of bitmask. In that case how do I convert very quickly from a colored image to a bitmask?

As you see I've extended the Transparent call with a parameter color. Windows expect you to set the color which should be transparent. Alternatively I could add a new method SetTransparentColor(Color color) so I don't have to adjust the Transparent-method.

As for which method to choose 1 or 2 I would like to consult the Upp developers; I think it's also important the Win32 and X11 method of doing transparency shouldn't differ to much, so someone reading the Win32 code should automatically have an understanding of the X11 code.

Does anybody know if it's possible (and how) to do alpha blending of windows in X11 / xlib? I figured while I'm implementing transparency I could add alpha blending as well.

Best regards,

Martin

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