Subject: Re: TVLCT as mouse is moved?

Posted by David Fanning on Thu, 15 May 2003 16:14:07 GMT

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Craig Hamilton (someone@microsoft.com) writes:

- > On a WinXP machine, I would like to adjust the colortable as
- > I drag the mouse across an image in a draw widget. As it works now, it only
- > updates when I release the mouse button. I know that
- > sliders are documented as having this behavior (not updating
- > until released), but dragging the mouse across the image clearly
- > updates since I use it to draw lines on the images.

Something's wrong with your code. :-)

I'm assuming since you have the latest OS you also have a 24-bit graphics card. So as you drag and update the color table, you will also have to be re-displaying your image. I'm going to guess that your motion event handler is simply doing a Device Copy to erase what was in the window previously. This is not going to help you at all in updating the colors.

On motion events, I would load the new colors then re-draw the image into the pixmap window, then Device Copy to the display window. It will still be a bit slow, but the annoying flicker will be gone, I think. :-)

Cheers,

David

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David W. Fanning, Ph.D.

Fanning Software Consulting, Inc.

Phone: 970-221-0438, E-mail: david@dfanning.com

Coyote's Guide to IDL Programming: http://www.dfanning.com/

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Subject: Re: TVLCT as mouse is moved?

Posted by Craig Hamilton on Thu, 15 May 2003 17:13:20 GMT

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There's always something wrong with my code - that's a given....

But, for legacy reasons, I am running with 8-bit color depth. I don't know if that matters, but you have given me a couple

ideas to explore. I'll dig into and see what I can find. thanks, Craig "David Fanning" <david@dfanning.com> wrote in message news:MPG.192d6ab8cfc9bd989b98@news.frii.com... > Craig Hamilton (someone@microsoft.com) writes: > >> On a WinXP machine, I would like to adjust the colortable as >> I drag the mouse across an image in a draw widget. As it works now, it only >> updates when I release the mouse button. I know that >> sliders are documented as having this behavior (not updating >> until released), but dragging the mouse across the image clearly >> updates since I use it to draw lines on the images. Something's wrong with your code. :-) > > I'm assuming since you have the latest OS you also > have a 24-bit graphics card. So as you drag and update > the color table, you will also have to be re-displaying > your image. I'm going to guess that your motion event > handler is simply doing a Device Copy to erase what was > in the window previously. This is not going to help you > at all in updating the colors. > > On motion events. I would load the new colors then > re-draw the image into the pixmap window, then > Device Copy to the display window. It will still be > a bit slow, but the annoying flicker will be gone, > I think. :-) > Cheers, > > David > David W. Fanning, Ph.D. > Fanning Software Consulting, Inc. > Phone: 970-221-0438, E-mail: david@dfanning.com > Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: TVLCT as mouse is moved?
Posted by David Fanning on Thu, 15 May 2003 17:24:08 GMT
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Craig Hamilton (someone@microsoft.com) writes:

> There's always something wrong with my code - that's a given....

Your's too, huh? :-)

- > But, for legacy reasons, I am running with 8-bit color depth.
- > I don't know if that matters, but you have given me a couple
- > ideas to explore. I'll dig into and see what I can find.

I forgot to mention that you could look at a program like WINDOWIMAGE for inspiration. The contrast changes as you drag in that window, but that is similar enough to changing the colors, I guess.

http://www.dfanning.com/programs/windowimage.pro

Cheers,

David

--

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