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Subject: Re: Generating EXPOSE events, in direct graphics with RETAIN=2  
Posted by [David Foster](#) on Wed, 09 Jul 1997 07:00:00 GMT

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C. David Cooke wrote:

>  
> I have an application that puts up a couple of windows at the same time,  
> and I would like to be able to load a window-specific color table for each  
> window, when it becomes the top or 'exposed' window. The new EXPOSE\_EVENTS  
> keyword to WIDGET\_BASE does exactly what I want, but it forces you to set the  
> RETAIN keyword to 0, forcing you to do the window update - which would be OK,  
> except I am using direct graphics, and the data I'm displaying takes a couple  
> of seconds to generate and display - long enough to be annoying. The  
> KBRD\_FOCUS\_EVENTS keyword to WIDGET\_BASE generates an event everytime the  
> cursor crosses the window frame, even if the window has not been exposed,  
> so this doesn't work either. So I was wondering if there was another way to  
> duplicate the EXPOSE\_EVENTS keyword of the WIDGET\_BASE, but with the ability  
> to set the RETAIN keyword to 2?

I give windows their "own" colormap by using the KBRD\_FOCUS\_EVENTS keyword, which works fine. I would think that you'd \*want\* to have events generated every time the cursor crosses the widget frame, even if the window has not been exposed; you want the colors restored whenever the cursor is within the widget, right? Or are you headed in another direction?

Dave

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"I have this theory that if we're told we're bad,  
then that's the only idea we'll ever have.  
But maybe if we are surrounded in beauty,  
someday we will become what we see."   - Jewel Kilcher