
Subject: Re: Associating color-table with widget application

Posted by [davidf](#) on Thu, 24 Apr 1997 07:00:00 GMT

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David Foster <foster@bial1.ucsd.edu> writes:

> The problem is simple: in a widget application, I want the widget to
> load its own color-table whenever the cursor is "in" the application,
> and load a pre-existing color-table when the cursor is "out" of the
> application. Sounds easy right? Please tell me it is...what keyword
> did I miss this time?
>
> I tried using tracking events, but you get color-flashing whenever
> you leave one widget and enter another, even if you enable tracking
> events for ALL widgets. If you enable tracking events for only the
> TLB, you lose your colors whenever you move into, say, a slider
> widget which adjust a plot which you really need to see in the
> correct colors...

Hi David. I think you are right to be thinking about color "protection", especially as we move into IDL 5 and an accessible command line while widget programs are running. I've been giving this idea a lot of thought, too. (See the new example programs that I put I my web page overnight.)

But I guess I don't fully understand the problem you are having. I don't, for example, seem to have problems when I move into a slider. Perhaps because I have been taking a different approach. My idea is that each widget program ought to "know" its own colors, but be unconcerned with everyone else's colors. This way, when you enter a widget (via tracking on the TLB or a draw widget [although tracking on TLBs seems to be broken in the IDL 5 beta]) the widget program can restore its colors. This is what I mean by color protection.

You necessarily have color flashing as you move from one widget to another, since the various widgets are using the same color indices, but I don't find it annoying in the slightest. In fact, it is exactly what I want!

Anyway, perhaps an example of what you are struggling with will help us find a solution.

Cheers!

David

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