
Subject: Re: xwindow question

Posted by [davidf](#) on Thu, 01 Jul 1999 07:00:00 GMT

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Martin Schultz (mgs@io.harvard.edu) writes:

> Seems like the author isn't aware of his genius? ;-)

You obviously haven't had a recent conversation with my wife, thank goodness. :-(

> Although I
> still haven't XWINDOW embedded in all my programs (I know, I should),
> it seems to me that you can specify any routine to be executed
> upon a "redraw" event, i.e. also when you create a postscript
> file. So, if you write a simple procedure like
>
> pro extplot,x,y,_EXTRA=e
>
> ; do the plot
> plot,x,y,_EXTRA=e
>
> ; do something else
> xyouts,0.5,0.98,'Grand title',/NORM,align=0.5
>
> return
> end
>
> Then you pass 'extplot' instead of 'plot' to xwindow, and you should
> be able to create a postscript file as you like.

Absolutely, XWINDOW can do this. In fact, this is *exactly* what I had in mind when I wrote the program. But what some people want to do is display something with XWINDOW, then issue more graphics commands at the IDL command line and see the results in the XWINDOW display window.

Although this capability was absolutely NOT what I had in mind, enough folks pestered me (but NOT you, Martin!) that I added a WID keyword so you could get the window index number of the display window back from XWINDOW. Then you could put whatever you like into it. But, of course, XWINDOW itself knows absolutely nothing about what you are doing and I have NEVER recommended this way of working with the program.

What I think someone (not me) should write, is a generic graphics object that could work in a way that is analogous

to XWINDOW. That is, you could pass it the graphics command to execute. But with an object, of course, you could easily pass it as many commands as you like, and it could execute *all* of them. The object wouldn't even have to know ahead of time what it was executing! Can you imagine the possibilities!

Oh, man, I might even write the darn thing myself. But I'd have to charge folks for it. Either that, or you would have to listen to *that* conversation from my wife. :-(

Cheers,

David

P.S. Let's just say my LinkedList object would be *perfect* for storing the graphics commands. :-)

--

David Fanning, Ph.D.

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

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Subject: Re: xwindow question

Posted by [Martin Schultz](#) on Thu, 01 Jul 1999 07:00:00 GMT

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Nando lavarone wrote:

>
> Hi all,
> I'm using the david fanning's "xwindow" procedure.
> I used it with the keyword "wid" to make other oeparations
> on the display window.
> I need to have the PS output of currently display and not
> of the starting display.
>
> Has anyone just modified the procedure to do that?
>
> Thank you.
>
>

Seems like the author isn't aware of his genius? ;-). Although I still haven't XWINDOW embedded in all my programs (I know, I should), it seems to me that you can specify any routine to be executed

upon a "redraw" event, i.e. also when you create a postscript file. So, if you write a simple procedure like

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Then you pass 'extplot' instead of 'plot' to xwindow, and you should be able to create a postscript file as you like.

Hope this helps,
Martin

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Subject: Re: xwindow question
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Nando Iavarone (f.iavarone@acsys.it) writes:

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- > I used it with the keyword "wid" to make other operations
- > on the display window.
- > I need to have the PS output of currently display and not
- > of the starting display.
- >
- > Has anyone just modified the procedure to do that?

I don't think it *could* be modified like that in its current form, unless you were content with a PostScript screen dump, which I usually find unsatisfactory.

But this is the *perfect* opportunity for someone (not me) to write a generic "graphics object" for use in XWindow. Boy, *then* you would have something! :-)

Cheers,

David

--

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