Subject: Re: Widgets and Animation Loops in IDL 5.0 Posted by drphys on Mon, 26 Jul 1999 07:00:00 GMT

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thank you!

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>

This all looks very goood. I will try implementing it later today. Shawn

In article <MPG.120253cba46679d7989844@news.frii.com>, davidf@dfanning.com (David Fanning) wrote:

- > Shawn (drphys@my-deja.com) writes:
- >> I am using IDL 5.0 on a DEC Alpha. I am animating a 3D plot of a
- >> particle trajectory by incrementing the "az" variable and then
- >> replotting in a loop. I decided to add widgets to control the speed of
- >> rotation and the angle about the x axis "ax". I have found this to be
- >> unworkable so far because once the code enters the loop the widgets do
- >> not issue events, so my event handlers do not get called. This was
- >> easily fixed by using widget_control commands inside the loop and using
- >> sliders to control the speed and x angle, however, I can not find a
- >> method to exit the loop, except for possibly adding a slider that could
- >> turn it off. The solution seemed to be a toggle button that could be
- >> examined using widget_control during the loop, but I have found no way
- >> to examine the state of the toggle button.
- > You can look at my XMOVIE program for the proper way to
- > do an animation in a widget program. It demonstrates how
- > to write the program so that other events can be processed.
- > so you can stop the animation, etc.
- > http://www.dfanning.com/programs/xmovie.pro
- >> Also while I am at it, I am
- >> new to 3D plotting using "plots" to do a trajectory plot. There seems
- >> to be no way to get axis on the screen. I have tried the axis command
- >> and can only get either one axis, or a white blotch (this seems random
- >> as I have not touched that line of code for a while). So help on

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any of
>> the above will be greatly appreciated.
>
> Here is an article that shows you exactly how
> to do a particle trajectory with axes:
>
> http://www.dfanning.com/tips/particle_3d.html
>
> Cheers,
>
> David
> --
> David Fanning, Ph.D.
> Fanning Software Consulting
> Phone: 970-221-0438 E-Mail: davidf@dfanning.com
> Coyote's Guide to IDL Programming: http://www.dfanning.com/
> Toll-Free IDL Book Orders: 1-888-461-0155
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