Subject: Re: Widget problems

Posted by murthy_i on Tue, 19 May 1992 14:45:12 GMT

View Forum Message <> Reply to Message

In article <1992May19.102810.91@degsyd.syd.deg.csiro.au> ip_boss@degsyd.syd.deg.csiro.au (Jack Churchill) writes:

> In article <1992May18.143725.24636@jhunix.hcf.jhu.edu>, murthy_j@jhunix.hcf.jhu.edu (Jayant Murthy) writes:

>>

- >> I am just starting to use widgets and I'm having a lot of trouble with the
- >> IDL hanging; I have to use a ctrl-z to stop the process. I suspect that most
- >> of the problem was caused by my using a Draw widget and the mouse
- >> generating thousands of events in that window. I have now switched over to
- >> using a regular window for my graphics and just using widgets for buttons and
- >> sliders.
- >> Is this a common problem and is there any reason to use a Draw widget rather
- >> than a regular window? Even now ISL hangs occaisonally; I think it is usually
- >> when I move my mouse over another wdget immediately after selecting one.
- >> I am running IDL v2.3.0 under IRIX 4.4.

>

- > The problem could be caused by your server not handling the backing store
- > properly. Try it again after saying DEVICE,RETAIN=2 to force idl to look after
- > the backing store.

> > --

- > Jack N. Churchill | jack@syd.deg.csiro.au
- > CSIRO Division of Exploration Geoscience | churchill@decus.com.au
- > PO Box 136 North Ryde NSW 2113 | Phone: +61 2 887 8884
- > Australia | Fax: +61 2 887 8909

I do use device,retain=2 because my SGI does not handle backing store at all.

I am still having problems with IDL freezing up. My application is fairly simple: I put up two images in different colours, use sliders to change the contrast, and use buttons for various image analysis. Most of my problems seem to occur when I call another program which atkes cuts across the images and plots them in another window.

In debugging this procedure I also found a bug in IDL. If you have common variables defined and type SAVE,/ALL you get a segmentation fault and a core dump. I have reported this to RSI.

Jayant Murthy
Dept. of Physics
JHU
murthy@pha.jhu.edu