
Subject: Re: FSC_surface and xsurface under LINUX/IDL5.3
Posted by [Andrew Meigs](#) on Tue, 28 Nov 2000 08:00:00 GMT
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Thanks David,

I have inserted the kludge-- drawID in the info structure and if
!version.os_family EQ 'unix' and !version.release EQ '5.3' then
Widget_Control in the resize routine.

I am about 60% finished reading your book so I will try to write a review
for Amazon next week when I have finished my first reading.

Thanks,

Andy

David Fanning wrote in message ...

> Andrew Meigs (ameigs@jet.uk) writes:

>

>> This is a question that I probably should have put to David alone, but it
>> could be a general object graphics problem under LINUX. So here goes:

>>

>> I have been using David Fanning's object graphics surface plotting
routines,

>> xsurface and recently fsc_surface, under Win-NT4 with no problems;
however

>> under Linux and IDL5.3 the resizing feature seems to not work. The
plotted

>> window 'wants' to be one size no matter how big or small you make the
window

>> frame. All other features seem to work well.

>>

>> Has anyone had similar problems with IDL under LINUX? Does anyone know of
a

>> solution?

>

> This reminds me that I *have* to find some time to
> update my web page. Unfortunately (fortunately?), I'm
> selling so many books this week there is no time. :-)

>

> This turns out to be a bug in IDL 5.3. I wrote these
> programs to be "object graphic" example programs. Thus,
> when the window is resized, I wanted to dimension the
> window in the "object-graphics" way. So I do this:

>

> info.theWindow->SetProperty, Dimensions[event.x, event.y]

>

> This works in all but the UNIX versions of IDL 5.3
> apparently, so I wasn't aware of the problem until
> recently.
>
> The work-around is to simply resize the draw widget:
>
> Widget_Control, info.drawID, Draw_XSize=event.x, Draw_YSize=event.y
>
> But since the "proper" way is working in IDL 5.4
> (as I understand it), I'm reluctant to put in a kludgy
> work-around.
>
> Anyway, I wanted to get an article written that explains
> the problem. (And I guess I have it about half done now.)
> If you have problems getting your version to work, let me
> know and I'll send you the fix.
>
> Cheers,
>
> David
>
>> BTW: David's new book is excellent.
>
> You wouldn't want to tell that to the folks at Amazon
> would you? Thanks to so many old friends my book is
> rocketing up the charts again, but friendly reviews do
> wonders for book sales. The downside, of course, is that
> I have less time to write articles. :-)
> --
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> Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
> Toll-Free IDL Book Orders: 1-888-461-0155
