
Subject: Re: Scrollable Draw Widget Resizing

Posted by [David Fanning](#) on Thu, 23 Dec 2004 23:58:35 GMT

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pulsifer@bigfoot.com writes:

- > I am having a lot of trouble getting a Scrollable Draw widget to resize
- > correctly. Especially when I make it smaller or larger than a quarter
- > of the display.
- >
- > My Widget Program is going to display a Plot in a scrolling Draw
- > Widget. When I initially create the plot and the draw widget, then
- > everything looks great. It is only when I drag the window resizer that
- > I have a problem.
- >
- > I get a lot of resize events.

This is typically a function of the window system. On Windows you turn the option "Show window contents while dragging" off. On my Windows XP machine I choose the System Control Panel, the the Advanced Tab, the Performace Options. It is found elsewhere on other versions of the OS and in other operating systems. But it is always there somewhere. :-)

- > The window also seems to get larger and
- > smaller then what I am dragging. It seems to be getting adjusted to
- > sizes under someone's control. I can't figure it out. I move the size
- > handle a little bit and the size jumps a lot. Usually the scroll bars
- > completely or partially disappear. I even tried setting the size to
- > less than the event.x and event.y. I tried subtracting 12 and 48 and
- > it still sometimes loses the scroll bars.
- >
- > I am running IDL 5.6 for Mac OS X.

I remember this as a really flaky version of the Macintosh. In fact, I think I had special Mac-only code in my resizable graphics windows to account for this. It wouldn't surprise me if this version of Mac code didn't report the size of the top-level base correctly. It took RSI several versions to get that right.

- > I have heard some people delete and
- > recreate the draw window, but that seems a little excessive.

Probably someone came up with this method as a work-around for bugs. It sounds about right, I think. :-)

- > I have

- > looked at Fanning's and Gumley's books and web sites, but haven't found
- > a good solution to this problem yet.

We try to stay far away from Macs. :-)

(Just kidding. Goodness knows I don't want to start an barrage of articles at *this* time of year!)

- > I tried the UNIX hack that someone suggest, but that made it worse.
- > Whenever you resize, the draw window shrinks to a really small size for
- > any move.

I can't think why it would *shrink*. I can believe it gets too big. It sounds very much like a bug to me though.

Cheers,

David

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