
Subject: UNIX Resize Problem

Posted by [David Fanning](#) on Fri, 31 Oct 2008 13:40:15 GMT

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Folks,

Why continue to bash my head against the wall? Has anyone been able to solve this problem?

I have an image in a resizable top-level base widget. The idea here is that when the window is resized, the window should retain the same aspect ratio as the image. So, for example, when the user hits the button that will force the TLB to fill the display, I will get that event and instead of making the draw widget holding the image that size, I will constrain it, and the TLB should shrink naturally to the size of the draw widget.

This works perfectly on Windows. However, on UNIX, on a SUSE 10 system, running the KDE window manager, the TLB "sticks" at the larger, expanded size and will not automatically resize itself to fit the smaller draw widget.

This appears to have something to do with widget padding and differences with the reported size of widgets verses the actual size of widgets, etc. See the article [Toward a Theory of Widget Geometry](#) if you haven't experienced a headache lately:

http://www.dfanning.com/widget_tips/geotheory.html

I can fool around with "offsets" when I do my resizing, and I can actually correct the problem. Well, I can correct it once, or even twice, but so far I haven't been able to correct it three times. That is to say, the code that works on the first resize will fail on subsequent resizes because something about the widgets has changed. Of course, nothing about the widgets that I can discern has changed, but I am convinced *something* has changed. (Otherwise, the only explanation is the phase of the moon.)

This problem has really been ruining my whole week. Has anyone faced this and discovered a solution?

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")
