Subject: Re: TLB Widget resizing
Posted by davidf on Tue, 17 Aug 1999 07:00:00 GMT
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Craig Markwardt (craigmnet@cow.physics.wisc.edu) writes:

> I have a different question however. There appear to be times when
> you can resize a window to *smaller* than it is supposed to be. That
> is, try to resize a window so that there is no way for all of the
> component widgets to fit.
>
> In that case, you do get a resize event which describes the size of
> the new, small window. For a moment on my Linux screen, the window
> does get smaller. However, IDL smartly decides that the component
> widgets can't fit inside, and the window "bounces" back to a larger
> size. It grows to a new size -- BUT a resize event is NEVER SENT.
>
> Who cares right? Well, I have a draw widget that is resized based on
> the (incorrect) numbers in the resize event. When the window
> "bounces" to a new size, the resulting draw widget looks pretty goofy.
> You can reproduce this in David Fanning (and my) XWINDOW program, and
> also with the following RESIZE program, based on work by Liam Gumley.
> Just run it, and resize the window to a very small width.
>
> Can anybody suggest a way to get a new resize event? I have
> considered requesting a timer event to periodically adjust the draw
> widget's dimensions.

Here is my unhelpful suggestion first: get a PC. Mr. Gates
has already thought about this situation and has determined
you will never be able to make this mistake, ever. :-)

Here is my (I hope) helpful suggestion: Put some minimum X and Y
base size values in your info structure. Refuse to allow anything
to size itself smaller than this minimum size. I'd have
code something like this:

```
PRO TEST_RESIZE, event
Widget_Control, event.top, Get_UValue=info, /No_Copy
Widget_Control, info.drawID, Draw_XSize=(event.x > info.minXsize), $
   Draw_YSize=(event.y > info.minYsize)
Widget_Control, event.top, Set_UValue=info, /No_Copy
END
```

Cheers,

David

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[Note: This follow-up was e-mailed to the cited author.]
