

---

Subject: Re: Resizable IDL List widget?

Posted by [JD Smith](#) on Fri, 13 Apr 2007 17:55:53 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

>> I'm not certain, but here's a test of this:

>>

>> b=widget\_base(/COLUMN)

>> t=widget\_label(b,VALUE='Testing Foolery')

>> d=widget\_draw(b,XSIZE=100,YSIZE=80)

>>

>> widget\_control, b,/realize

>> widget\_control, d,get\_value=v

>> wset,v

>> tvscl,dist(100,80)

>>

>> for i=0,10 do begin

>> g=widget\_info(d,/GEOMETRY)

>> print,'X: ',g.SCR\_XSIZE,' Y: ',g.SCR\_YSIZE

>> widget\_control, d,SCR\_XSIZE=g.SCR\_XSIZE,SCR\_YSIZE=g.SCR\_YSIZE

>> endfor

>

> No, I think the problem must be something else. This code

> behaves about like I think you must be expecting it to. That

> is, nothing much happens and all sizes are reported as the

> same.

That's strange. Perhaps the TLB geometry is biased in some way? I simply can't understand where the fudge comes from, in that case.

>> If IDL were written today, it could leverage a modern cross-platform GUI

>> toolkit, like QT/GTK/wX/etc., and dispense with all this crap.

>

> After all the rigamarole and complexity of separating widgets

> from the iTool visualization layer, maybe this is what they

> intend to do with the big Eclipse update. Ditch widgets and

> give us iTools with modern cross-platform GUIs. That would

> certainly get rid of those irritating customers who use direct

> graphics and complain all the time! :-)

I'd like to believe. Who has the best example of a non-trivial image-based GUI running in the iTools framework to try? Of course, my 5 year old video card fails to impress iTools, which typically crash my X-Windows server after about 2 minutes of noodling. I can't exactly blame that on ITTVIS, but needless to say, it makes me less willing to drink the koolaid.

JD

---