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Subject: Resizing object graphics on X  
Posted by [Dave Greenwood](#) on Wed, 25 Oct 2000 07:00:00 GMT  
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I don't often work with IDL so please bear with my sloppy terminology.

I'm trying to learn a little about object graphics. I'd like to make my widgets resizable, but I'm obviously missing something. The following program (based on some code from the IDL examples and David's web site) resizes the way I'd like on my PeeCee, but not when using X (on HP-UX or VMS). On the PC, when I expand the size of the widget the graphics display expands to fill the widget. Using X the graphics display stays the original size in the lower left corner (but the "black drawing area" expands to fill the widget). I'm using IDL 5.3 on all systems (well, actually, the PC has 5.3.1.)

What do I need to do to make resizing work on X devices?

Thanks,  
Dave

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Dave Greenwood              Email: [Greenwoodde@ORNL.GOV](mailto:Greenwoodde@ORNL.GOV)  
Oak Ridge National Lab        %STD-W-DISCLAIMER, I only speak for myself

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```
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pro t_event, event
widget_control, event.top, get_uvalue=info, /no_copy
info.oWindow-> SetProperty, Dimension=[event.x, event.y]
info.oWindow->draw, info.oView
widget_control, event.top, set_uvalue=info, /no_copy
```

end

PRO t

```
x=findgen(100)
y=sin(x/10)

oModel = obj_new('IDLgrModel')
oView = obj_new('IDLgrView')
oPlot = obj_new('IDLgrPlot', x, y)
```

```
oPlot->GetProperty, XRANGE=xr, YRange=yr
xs = Norm_Coord(xr)
xs[0] = xs[0] - 0.5
```

```
ys = Norm_Coord(yr)
ys[0] = ys[0] - 0.5
oPlot->SetProperty, XCoord_conv=xs, YCoord_conv=ys

oModel->add, oPlot
oView->add, oModel

base = Widget_base( uname='t', /tlb_size_events)
draw = Widget_draw( base, graphics_level=2 )
widget_control, base, /realize
widget_control, draw, get_value=oWindow
oWindow->Draw, oView

info = { oWindow: oWindow, $
         oView: oView }

widget_control, base, set_uvalue=info, /No_Copy

xmanager, 't', base

end
```

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