
Subject: IDL object graphics code logs me out?!
Posted by [Paul Van Delst\[1\]](#) on Thu, 18 Jun 2009 21:21:16 GMT
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Hello,

I think I may be losing my mind, but just in case I'll post the question here:

Has anyone had any weird experiences where using object graphics in IDL causes them to be logged out of their system?

It's happened to me four times in about the last 30 minutes and I can now reproduce it relatively regularly with the code I'm testing.

My system is a Red Hat Enterprise 5.0 jobbie with,

```
IDL> print, !version  
{ x86 linux unix linux 7.0 Oct 25 2007    32    64}
```

I also have the patch installed such that I can get the IDL help running (however the problem occurs whether or not I start the idlhelp server.)

My **original** direct graphics code looked like:

```
psave = !P  
!P.MULTI = [0,self.n_Bands,1]  
FOR i = 0L, self.n_Bands-1L DO BEGIN  
  PLOT, (*self.Frequency)[i], (*self.Response)[i], $  
    TITLE='Band #' + STRTRIM(i+1,2), $  
    XTITLE='Frequency', $  
    YTITLE='Relative response', yrange=[-0.2,1.2]  
  IF ( N_ELEMENTS(OverPlot) GT 0 ) THEN BEGIN  
    OPLOT, (*OverPlot.Frequency)[i], (*OverPlot.Response)[i], $  
      COLOR=RED, PSYM=-4  
  ENDIF  
ENDFOR  
!P = psave
```

That's been working fine for a couple weeks now. I started to play around with object graphics using the examples pretty much directly from the online help and came up with the following initial code:

```
mywindow = OBJ_NEW('IDLgrWindow')  
myview = OBJ_NEW('IDLgrView', VIEWPLANE_RECT=[-10,-10,20,20])  
mymodel = OBJ_NEW('IDLgrModel')  
myview->Add, mymodel  
  
myplot = OBJARR(self.n_Bands)
```

```

myoplot = OBJARR(self.n_Bands)
FOR i = 0L, self.n_Bands-1L DO BEGIN
  myplot[i] = OBJ_NEW('IDLgrPlot', $
    (*self.Frequency)[i], $
    (*self.Response)[i] )
  mymodel->Add, myplot[i]
  IF ( N_ELEMENTS(OverPlot) GT 0 ) THEN BEGIN
    myoplot[i] = OBJ_NEW('IDLgrPlot', $
      (*OverPlot.Frequency)[i], $
      (*OverPlot.Response)[i], $
      COLOR=RED)
    myoplot[i]->SetProperty, SYMBOL=OBJ_NEW('IDLgrSymbol',COLOR=RED,DATA=4)
    mymodel->Add, myoplot[i]
  ENDIF
ENDFOR
mywindow->Draw, myview

```

The fact that the above OG code doesn't actually produce any output in the created object graphics window is overwhelmingly trivial next to the fact that it also logs me out of my system (shutting down everything else I had running as well).

Anyone have any ideas, memories, etc about this rather bizarre effect?

cheers,

paulv
