
Subject: idl plot window disappearances

Posted by [desertrdryad](#) on Tue, 23 Aug 2011 18:54:45 GMT

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Hi folks -

I'm a bit ew to IDL programming (but not to programming in general) and I have an issue that has me perplexed. I am trying to write a simple bit of code, where a plot is drawn and a user is prompted whether or not they want to accept a curve fit drawn on said plot, or attempt another set of fitting parameters. However, the plot window mysteriously vanishes the minute the prompt (from a 'read' command) is executed. So, one cannot decide whether to accept the curve fit, since it becomes invisible (the plot window simply goes blank). I have set 'retain=2' to no avail. How do I fix?

Here is a code snippet:

```
repeat begin
```

```
  read, mincurve, prompt='enter MINimum X axis value from the CDF over  
  which to curvefit:'
```

```
  read, maxcurve, prompt='enter MAXimum X axis value from the CDF curve  
  over which to curvefit:'
```

```
  print, mincurve, maxcurve
```

```
; now, call the curvefit routine to fit the line from min to max
```

```
p = minmaxfit(binnorm, histog[0,*], mincurve, maxcurve)
```

```
print, '0 intercept is at: ', p[0]
```

```
;graph that line!
```

```
x = fltarr(51)
```

```
y = fltarr(51)
```

```
inc=maxcurve/50
```

```
;print, mincurve, maxcurve, (maxcurve)/40
```

```
for i = 0, 50 do begin
```

```
  x[i]=inc*i
```

```
  y[i] = (p[1]*x[i]) + p[0]
```

```
;print, x[i], y[i]
```

```
endfor
```

```
cgplot, x, y, color='red', /overplot
```

```
yesorno = ''
```

```
read, yesorno, prompt='Do you want to use this intercept value (y or  
n)?'
```

```
endrep until yesorno EQ 'y'
```
