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Subject: Re: Problem in oploterror in cgWindow  
Posted by [Poonam](#) on Wed, 13 Feb 2013 10:18:43 GMT  
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To make my problem more clear, I explain it in more detail:

```
readcol, 'alpha-L-C.dat', t1, tr1, a1, e1
```

```
cgWindow, 'cgplot', t1, a1, xstyle=1, ystyle=1, xthick=2, ythick=2, /xlog, $  
psym=16, symsize=3, color='gray', xrange=[2,600], yrange=[-1.8,1.4], $  
xtitle='Days since explosion', ytitle='Spectral Index (L band/C Band)', $  
WMULTI=[0,2,1]
```

```
readcol, 'alpha-C-X.dat', t1, tr1, a1, e1
```

```
cgWindow, 'cgplot', t1, a1, xstyle=1, ystyle=1, xthick=2, ythick=2, /xlog, $  
psym=16, symsize=3, color='gray', xrange=[2,600], yrange=[-1.8,1.4], $  
xtitle='Days since explosion', ytitle='Spectral Index (C band/X Band)', /addcmd
```

works fine.

But

```
readcol, 'alpha-L-C.dat', t1, tr1, a1, e1
```

```
cgWindow, 'cgplot', t1, a1, xstyle=1, ystyle=1, xthick=2, ythick=2, /xlog, $  
psym=16, symsize=3, color='gray', xrange=[2,600], yrange=[-1.8,1.4], $  
xtitle='Days since explosion', ytitle='Spectral Index (L band/C Band)', $  
WMULTI=[0,2,1]
```

```
oploterror, t1, a1, tr1, e1, psym=9, symsize=3, thick=5, color='black', $  
/noerase, /addcmd
```

```
readcol, 'alpha-C-X.dat', t1, tr1, a1, e1
```

```
cgWindow, 'cgplot', t1, a1, xstyle=1, ystyle=1, xthick=2, ythick=2, /xlog, $  
psym=16, symsize=3, color='gray', xrange=[2,600], yrange=[-1.8,1.4], $  
xtitle='Days since explosion', ytitle='Spectral Index (C band/X Band)', /addcmd
```

```
oploterror, t1, a1, tr1, e1, psym=9, symsize=3, thick=5, color='black', $  
/noerase, /addcmd
```

does not create the second plot but cgWindow, /ListCmd shows

```
IDL> cgWindow, /ListCmd
```

```
0. cgplot, p1, p2, COLOR=value, PSYM=value, SYMSIZE=value, XLOG=value,  
XRANGE=value, XSTYLE=value, XTHICK=value, XTITLE=value, YRANGE=value,  
YSTYLE=value, YTHICK=value, YTITLE=value
```

```
1. oploterror, p1, p2, p3, p4, THICK=value, COLOR=value, NOERASE=value, PSYM=value,
```

SYMSIZE=value

2. cgplot, p1, p2, COLOR=value, PSYM=value, SYMSIZE=value, XLOG=value, XRANGE=value, XSTYLE=value, XTHICK=value, XTITLE=value, YRANGE=value, YSTYLE=value, YTHICK=value, YTITLE=value

3. oploterror, p1, p2, p3, p4, THICK=value, COLOR=value, NOERASE=value, PSYM=value, SYMSIZE=value

IDL>

which means second plot should have been plotted. Also when I save the plot to ps file and try to see in gv, it says:

gv cgwindow.ps

gv: Cannot open file cgwindow.ps (No data available)

On Wednesday, February 13, 2013 3:32:28 PM UTC+5:30, poonam....@gmail.com wrote:

> Hi,

>

> I am using Coyote's cgWindow to plot my data.

>

>

>

> If I make a multiplot using

>

>

>

> cgWindow, 'cgplot',x,y,WMULTI=[0,2,1]

>

> cgWindow, 'cgplot',x1,y,/addcmd

>

>

>

> it works fine and I can also save it as a ps file from the cgwindow itself.

>

> But I need to add errors in both plot and I am using something like this:

>

>

>

> cgWindow, 'cgplot',x,y,WMULTI=[0,2,1]

>

> oploterror, x, y, delx, dely, /noerase, /addcmd

>

>  
>  
> cgWindow, 'cgplot', x1, y1, /addcmd  
>  
> oploterror, x1, y1, delx1, dely1, /noerase, /addcmd  
>  
>  
>  
> In this case after first oploterror command, the second figure does not appear.  
>  
> And program does not complain too. Also if I use oploterror in cgwindow, I am not able to save  
the as a ps file. It creates an empty plot file. If I remove oploterror command from my file,  
everything works fine. What is going on?  
>  
>  
>  
> Please help me. I have used it successfully in the past but am not able to use it now.  
>  
>  
>  
> Thanks  
>  
> Poonam

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