
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,  
X RANGE=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, X RANGE=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

Subject: Re: Problem in oploterror in cgWindow
Posted by [Poonam](#) on Thu, 14 Feb 2013 01:01:38 GMT
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Please somebody help me with this. I really need to get it done very soon. I have a deadline to meet.

Thanks
Poonam

Subject: Re: Problem in oploterror in cgWindow
Posted by [David Fanning](#) on Thu, 14 Feb 2013 01:24:06 GMT
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poonam.chandra@gmail.com writes:

> Please somebody help me with this. I really need to get it done very soon. I have a deadline to meet.

Hi Poonam,

Your earlier messages didn't show up on my newsreader for some reason.
Sorry for not responding sooner.

I have a meeting tonight that starts in just a few minutes and will last a few hours. But, just glancing at this problem, it appears oploterror is turning cgWindow off! At least in my version, after I call it, my window no longer resizes or anything!

I really don't know why it would be doing that. I'll investigate and get back to you as soon as I can. I wonder if you can use cgErrPlot in the meantime?

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: Problem in oploterror in cgWindow
Posted by [David Fanning](#) on Thu, 14 Feb 2013 01:32:07 GMT
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David Fanning writes:

>
> poonam.chandra@gmail.com writes:
>
>> Please somebody help me with this. I really need to get it done very soon. I have a deadline to meet.
>
> Hi Poonam,
>
> Your earlier messages didn't show up on my newsreader for some reason.
> Sorry for not responding sooner.
>
> I have a meeting tonight that starts in just a few minutes and will last
> a few hours. But, just glancing at this problem, it appears oploterror
> is turning cgWindow off! At least in my version, after I call it, my
> window no longer resizes or anything!
>
> I really don't know why it would be doing that. I'll investigate and get

> back to you as soon as I can.

OK, I find these lines at about line 235 in oploterror:

```
; if window then begin
;   cgcontrol, execute = 0
;   wset,cgquery(/current)
; endif
```

I don't know why they are there. (This is a NASA Astronomy routine.)
But, if I comment them out, then things appear to work normally.

```
IDL> cgplot, x, y, /Window, WMulti=[0,2,1]
IDL> oploterror, x, y, replicate(4, 101), /addcmd
IDL> cgplot, x, y, /addcmd
IDL> oploterror, x, y, replicate(4, 101), /addcmd
```

Will that work until I can talk to Wayne about what is going on here?

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: Problem in oploterror in cgWindow
Posted by [Poonam](#) on Thu, 14 Feb 2013 04:15:31 GMT
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Thanks David,

You are always there for my rescue. Yes, this will work in the meantime.

Ciao

Poonam

On Thursday, February 14, 2013 7:02:07 AM UTC+5:30, David Fanning wrote:

> David Fanning writes:

>

>

>

>>

>

>> poonam.chandra@gmail.com writes:

>
>>
>
>>> Please somebody help me with this. I really need to get it done very soon. I have a deadline to meet.
>
>>
>
>> Hi Poonam,
>
>>
>
>> Your earlier messages didn't show up on my newsreader for some reason.
>
>> Sorry for not responding sooner.
>
>>
>
>> I have a meeting tonight that starts in just a few minutes and will last
>
>> a few hours. But, just glancing at this problem, it appears oploterror
>
>> is turning cgWindow off! At least in my version, after I call it, my
>
>> window no longer resizes or anything!
>
>>
>
>> I really don't know why it would be doing that. I'll investigate and get
>
>> back to you as soon as I can.
>
>
>
> OK, I find these lines at about line 235 in oploterror:
>
>
>
> ; if window then begin
>
> ; cgcontrol, execute = 0
>
> ; wset,cgquery(/current)
>
> ; endif
>
>
>

> I don't know why they are there. (This is a NASA Astronomy routine.)
>
> But, if I comment them out, then things appear to work normally.
>
>
>
> IDL> cgplot, x, y, /Window, WMulti=[0,2,1]
>
> IDL> oploterror, x, y, replicate(4, 101), /addcmd
>
> IDL> cgplot, x, y, /addcmd
>
> IDL> oploterror, x, y, replicate(4, 101), /addcmd
>
>
>
> Will that work until I can talk to Wayne about what is going on here?
>
>
>
> Cheers,
>
>

>
> David
>
> --
>
> David Fanning, Ph.D.
>
> Fanning Software Consulting, Inc.
>
> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
>
> Sepore ma de ni thue. ("Perhaps thou speakest truth.")
