Subject: Re: Problem in oploterror in cgWindow Posted by Poonam on Wed, 13 Feb 2013 10:18:43 GMT

View Forum Message <> Reply to Message

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 qv, 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

View Forum Message <> Reply to Message

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 View Forum Message <> Reply to Message

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 View Forum Message <> Reply to Message

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 = 0wset,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. Covote's Guide to IDL Programming: http://www.idlcovote.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 View Forum Message <> Reply to Message 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
>
         cqcontrol, 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.")
```