
Subject: Using thick=2 increases FG plot time by 25x?!?!
Posted by [Paul Van Delst\[1\]](#) on Thu, 21 Nov 2013 18:35:56 GMT
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I have the following code to plot some data (~25000 points) using the PLOT() function:

```
tic
po = plot(fo, ro, $
    xrange=xrange, $
    yrange=[-0.005,0.025], $
    xticklen = ticklen, $
    yticklen = ticklen, $
    xtickfont_size = 9, $
    ytickfont_size = 9, $
    color = 'red', $
    thick = 1 ) ; <<<---****
pn = plot(fn, rn, $
    color='green', $
    symbol = 'diamond', $
    /overplot)
pz = plot(po.xrange,[0,0], $
    linestyle='dashed', $
    /overplot)
pz.order, /send_to_back
toc
```

When I run this I get the plot and the following output from toc:

% Time elapsed: 1.1067200 seconds.

I then changed *ONLY* the value of thick to "thick = 2", recompiled the procedure, and ran it. I got the following:

% Time elapsed: 25.625711 seconds.

Am I doing something stupidly wrong here, or is this a known bug?

```
IDL> print, !version
{ x86_64 linux unix linux 8.2.2 Jan 23 2013    64    64}
```

cheers,

paulv

p.s. The first time this happened I thought my computer had karked it so I did the ctrl-C dealy after about 10-15 seconds and got the following:

```
^C^C^C^C^C^C^C^C^C
```

```
Interrupted at: IDLITVISDATASPACE::DRAW 2389
```

```
/usr/local/exelis/idl82/lib/itools/framework/idlitvisdataspace__define.pro
```

```
IDL> .reset_session
```

```
% Interrupted at: IDLITVISDATASPACE::DRAW 2389
```

```
/usr/local/exelis/idl82/lib/itools/framework/idlitvisdataspace__define.pro
```

```
% Internal error: The Interpreter stack is not empty on exit.
```

Subject: Re: Using thick=2 increases FG plot time by 25x?!?!?

Posted by [lecacheux.alain](#) on Fri, 22 Nov 2013 08:17:39 GMT

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Le jeudi 21 novembre 2013 19:35:56 UTC+1, Paul van Delst a écrit :

> I have the following code to plot some data (~25000 points) using the

>

> PLOT() function:

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> thick = 1) ; <<<---****

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>

> color='green', \$

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```

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>         /overplot)
>
> pz = plot(po.xrange,[0,0], $
>
>         linestyle='dashed', $
>
>         /overplot)
>
> pz.order, /send_to_back
>
> toc
>
>
>
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>
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> { x86_64 linux unix linux 8.2.2 Jan 23 2013    64    64}
>
>
>
>
>

```

```
> cheers,  
>  
>  
>  
> paulv  
>  
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>  
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>  
>  
>  
> ^C^C^C^C^C^C^C^C  
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>  
> % Internal error: The Interpreter stack is not empty on exit.
```

I cannot reproduce (1.4s on my Workstation in each case)!

{ x86_64 Win32 Windows Microsoft Windows 8.2.3 May 3 2013 64 64 }

Maybe were you close to some memory limit in your IDL session, then swapping to disk ?

alx.
