
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
```

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

```
/usr/local/exelis/idl82/lib/itools/framework/idlitvisdataspa ce__define.pro
```

```
IDL> .reset_session
```

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

```
/usr/local/exelis/idl82/lib/itools/framework/idlitvisdataspa ce__define.pro
```

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