
Subject: Re: More Function Graphics Fun!

Posted by [David Fanning](#) on Mon, 12 Sep 2011 15:45:04 GMT

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David Fanning writes:

```
> OK, having solved the contour plot problem, I am ready
> for the *next* essay question on the exam. :-)
>
> I am interested in legends. I am using this code
> as a test example:
>
> p1 = Plot(Findgen(20)+1, Name='Line 1')
> p2 = Plot(Findgen(20)*2+1, Name='Line 2', LineStyle=2, /Overplot)
> leg = Legend(Position=[3,30], /Data)
>
> It works great. Well, it's OK. The legend appears
> reasonable close to where I want it to appear at
> [3,30] in data coordinates. At least it does until
> I resize the window. Then only God knows where it
> might show up!
>
> Does anyone know how I might keep the legend in
> the same location as I resize the graphics window?
```

Now that I think about it, maybe this is the same bug that causes the legend to completely disappear on log plots. Is that possible?

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Seppure ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: More Function Graphics Fun!

Posted by [lecacheux.alain](#) on Mon, 12 Sep 2011 17:10:28 GMT

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On 12 sep, 17:45, David Fanning <n...@dfanning.com> wrote:

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>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: http://www.dfanning.com/
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")- Masquer le texte des messages
précédents -
>
> - Afficher le texte des messages précédents -

```

I have no answer to your question. I only note that using /NORMAL instead of /DATA is no more reliable !

But you can get something worse with your simple code: without resizing the window, please push the UNDO button. The legend disappears, not unexpectedly since that is the last object created in your plot. But, now, please push the REDO button ... On my screen, the legend is now partly overridden by a big grey square with a border, without any possibility to recover it ! Likely, some pointer has been lost in the operation.

alain.

Subject: Re: More Function Graphics Fun!
Posted by [David Fanning](#) on Mon, 12 Sep 2011 17:20:33 GMT
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alx writes:

> I have no answer to your question. I only note that using /NORMAL
> instead of /DATA is no more reliable !

Yes, I have noticed in my experimenting that it is possible
with either keyword to cause the legend to be positioned outside
the window, just by repeatedly resizing the window!

> But you can get something worse with your simple code: without
> resizing the window, please push the UNDO button. The legend
> disappears, not unexpectedly since that is the last object created in
> your plot. But, now, please push the REDO button ... On my screen, the
> legend is now partly overridden by a big grey square with a border,
> without any possibility to recover it ! Likely, some pointer has been
> lost in the operation.

I get the same gray box, but it goes away when
I resize the window. Unfortunately, though, only
the second line now appears in the legend.

Cheers,

David

--

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