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Subject: Re: Plotting error in IDL 5.5

Posted by [David Fanning](#) on Thu, 28 Feb 2002 22:20:40 GMT

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Lisa Gandy (redimg98@hotmail.com) writes:

> I have an IDL application that plots some data to a draw\_widget -  
> here are the relevant snippets of code, the application is being run  
> on IDL 5.5, in windows 2000. The plot is just fine in IDL 5.4 but  
> only plots very tiny graphs in the left upper corner of the  
> draw\_widget in IDL 5.5. I can't figure out what is going on...  
> Mind you all of this works correctly in IDL 5.4... what's going on??

Lisa,

If I appear skeptical, please forgive me. I'm growing older every day and this kind of code:

```
> set_plot,'WIN'  
> if !D.NAME EQ 'WIN' then begin  
>   device,get_decomposed = currentDecomp  
>   device,decomposed = currentDecomp  
> endif
```

gives me the shivers. :-)

I'm going to contend that there is nothing wrong with your draw widget or with the IDL Plot command. Rather, I think there is something in your environment that is decidedly NOT the same between your IDL 5.4 and IDL 5.5 sessions.

I'm going to risk all and bet you have set a !P.POSITION system variable inadvertently in your IDL 5.5 session. :-)

Cheers,

David

--

David W. Fanning, Ph.D.

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

Toll-Free IDL Book Orders: 1-888-461-0155

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Subject: Re: Plotting error in IDL 5.5

Posted by [James Kuyper](#) on Thu, 28 Feb 2002 23:42:48 GMT

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David Fanning wrote:

> Lisa Gandy (redlmg98@hotmail.com) writes:

...

> If I appear skeptical, please forgive me. I'm growing older

> every day and this kind of code:

>

>

>> set\_plot,'WIN'

>> If !D.NAME EQ 'WIN' then begin

>> device,get\_decomposed = currentDecomp

>> device,decomposed = currentDecomp

>> endif

>

>

> gives me the shivers. :-)

I'm just confused, not frightened. Maybe that's because you understand it better than I do? :-) What's the point of setting decomposed to the same value it currently has?

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Subject: Re: Plotting error in IDL 5.5

Posted by [redlmg98](#) on Tue, 05 Mar 2002 17:05:23 GMT

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James Kuyper <kuyper@gscmail.gsfc.nasa.gov> wrote in message news:<3C7EC078.7060006@gscmail.gsfc.nasa.gov>...

> David Fanning wrote:

>

>> Lisa Gandy (redlmg98@hotmail.com) writes:

> ...

>

>> If I appear skeptical, please forgive me. I'm growing older

>> every day and this kind of code:

>>

>>

>>> set\_plot,'WIN'

>>> If !D.NAME EQ 'WIN' then begin

>>> device,get\_decomposed = currentDecomp

>>> device,decomposed = currentDecomp

>>> endif

>>

>>  
>> gives me the shivers. :-)  
>  
> I'm just confused, not frightened. Maybe that's because you understand  
> it better than I do? :-) What's the point of setting decomposed to the  
> same value it currently has?

\*\*\*\*\*

Sorry to give you the shivers, no I don't know much about IDL because I just began to program with it. Sorry I'm still learning, appreciate the sarcastic comments they brightened my day :).

Cheers,  
Lisa

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Subject: Re: Plotting error in IDL 5.5  
Posted by [David Fanning](#) on Tue, 05 Mar 2002 18:00:57 GMT  
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Lisa Gandy (redlmg98@hotmail.com) writes:

> Sorry to give you the shivers, no I don't know much about IDL because  
> I just began to program with it. Sorry I'm still learning, appreciate  
> the sarcastic comments they brightened my day :).

It is hard to tell, with electronic conversation, whether something is just bristling with irony or not, but I hope you mean the smiley face and are not put off about asking questions here.

As you can tell by the thread on double precision values this morning, we are generally long-suffering. Some of us, however, are getting rather long of tooth and have a tendency to be crotchety on occasion. I apologize if my attempt at gentle humor came across too stridently. Lord knows we appreciate a woman's voice here.

Cheers,

David

P.S. Did you discover the problem? Was it with plotting system variables?

--

David W. Fanning, Ph.D.

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Subject: Re: Plotting error in IDL 5.5  
Posted by [Pavel A. Romashkin](#) on Tue, 05 Mar 2002 18:21:19 GMT  
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Lisa,  
Just ignore David. He is one of the most annoying people here, and his advice is worthless, and his website is slower than a car that's run out of gas... oops, what did I just say? Did I already hit Send?..  
Are you feeling a little more avenged now?..  
On a more serious note, this is one newsgroup that is as funny as it is helpful. And David is the prime example of this. Most regular posters have a good sense of humor and try to pick on each other as much as they can, to everyone's delight.  
Stay with us and I promise you will get to love the postings. I personally got so addicted that my mornings are gloomy if I don't read one of David's remarks on the NG. This happens when he goes on trips or plays tennis to exhaustion.  
Cheers,  
Pavel

Lisa Gandy wrote:

>  
> Sorry to give you the shivers, no I don't know much about IDL because  
> I just began to program with it. Sorry I'm still learning, appreciate  
> the sarcastic comments they brightened my day :).  
>

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Subject: Re: Plotting error in IDL 5.5  
Posted by [David Fanning](#) on Tue, 05 Mar 2002 19:40:49 GMT  
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Pavel A. Romashkin ([pavel\\_romashkin@hotmail.com](mailto:pavel_romashkin@hotmail.com)) writes:

> Just ignore David. He is one of the most annoying people here, and his  
> advice is worthless, and his website is slower than a car that's run out  
> of gas... oops, what did I just say? Did I already hit Send?..

All I can say, Pavel, is that it is a good thing those  
Ibuprofen finally kicked in, and I have those 30 year  
olds in my sights again, or you would be in a great

deal of trouble!

Cheers,

David

--

David W. Fanning, Ph.D.

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