
Subject: Re: What does SET_PLOT, 'x' mean ?
Posted by [dosfun](#) on Fri, 12 Jun 2009 01:42:25 GMT
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> Hi all,
>
> I am working on an old IDL code right now. And several parts of the
> code do not work well. I am not sure whether it is because of the
> version or because of the poor coding. (But this is a published code.
> It should not have many problems.) Anyway, I found that in the code
> BIDS and bIDS stand for different variables. Is it true that IDL used
> to tell the difference between upper letters and lower letters?
> Besides, I found another sentence,
> SET_PLOT,'x'
> which cannot work well on my computer. By the way, I am using IDL 7.0
> on a windows platform. This sentence is in the part of the code which
> is meant to generate a PS file output. Because there is
> SET_PLOT,'ps'
> ahead of it.
> And then the configuration is set back. But "SET_PLOT,'X'" just does
> not work on my computer. Sorry I do not really understand how to
> correct. I even do not know what it should be corrected to. But if any
> one has any idea, please let me know.
>
> Thanks in advance,
>
> Tongmu LI

First, IDL is case insensitive, so the variables *BIDS* AND *bIDS* in
your code are no different, but the later one will override the
previous one. For example:

```
PRO CaseEx
```

```
    BIDS = 10
```

```
    bIDS = 20
```

```
    print, BIDS, bIDS
```

```
    ; // 20, 20
```

```
END
```

Second, the procedure *set_plot* is used to set your output device,
find out more details by entering *? set_plot* in the idlworkbench
commandline.

Moreover, if you could paste your code out, it will be helpful.

Good Luck!

Subject: Re: What does SET_PLOT, 'x' mean ?

Posted by [David Fanning](#) on Fri, 12 Jun 2009 05:16:42 GMT

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LI, Tongmu writes:

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> code do not work well. I am nor sure whether it is because of the
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> It should not have many problems.) Anyway, I found that in the code
> BIDS and bids stand for different variables. Is it true that IDL used
> to tell the difference between upper letters and lower letters?

No, it's not true. IDL has always been case insensitive.

> Besides, I found another sentence,
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> which cannot work well on my computer. By the way, I am using IDL 7.0
> on a windows platform. This sentence is in the part of the code which
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> not work on my computer. Sorry I do not really understand how to
> correct. I even do not know what it should be corrected to. But if any
> one has any idea, please let me know.

Find the SET_PLOT, 'PS' line. Just ahead of that like put this:

```
thisDevice = !D.NAME
```

Now replace the SET_PLOT, 'X' line with this one:

```
SET_PLOT, thisDevice
```

Now your program will work on both LINUX and Windows computers.

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.")

Subject: Re: What does SET_PLOT, 'x' mean ?
Posted by [sajan_unb](#) on Fri, 12 Jun 2009 20:25:38 GMT
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Hi,

set_plot,'x' is used to set the device in linux, change it to
set_plot,'win' for windows machine.. it should work, well it works for
me...I guess what Dr.Fanning says is a generic solution..I will
implement that in my codes as I always change it while changing my
linux written programs to windows version. Thanks.

regards
Sajan.

--

"EARTH IS THE CRADLE OF THE MIND,BUT WE CANNOT LIVE FOREVER IN A
CRADLE"

--Tsiolkovsky(father of modern rocketry)

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On Jun 12, 2:16 am, David Fanning <n...@dfanning.com> wrote:

> LI, Tongmu writes:

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> Find the SET_PLOT, 'PS' line. Just ahead of that like put this:
>
> thisDevice = !D.NAME
>
> Now replace the SET_PLOT, 'X' line with this one:
Hi,
> SET_PLOT, thisDevice
>
> Now your program will work on both LINUX and Windows computers.
>
> 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.")
