
Subject: traces plot outside of x-axis boundaries

Posted by [justinclouds](#) on Mon, 21 Apr 2014 08:25:45 GMT

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I have this simple code:

```
FINquickplot6a = PLOT(SStop, color='b', position=[0.1,0.1,0.9,0.5], ytitle='score (%)', thick=3,
font_size=10, xrange=xrange)
FINquickplot6b = PLOT(temp_score_top, color='r', thick=2, font_size=10, xrange=xrange,
/overplot)
FINquickplot6c = PLOT(lwc_score_top, color='m', thick=2, font_size=10, xrange=xrange,
/overplot)
FINquickplot6d = PLOT(rh_score_top, color='orange', thick=2, font_size=10, xrange=xrange,
/overplot)
FINquickplot6e = PLOT(ww_score_top, color='g', thick=2, font_size=10, xrange=xrange,
/overplot)
```

The plots for the last 2 traces plot outside the x-axis boundaries while the first 3 plot within the boundaries. I have no clue why this is happening and the plot just doesn't look good with 2 traces plotting outside the x-axis and across the left/right page margins. The only thing I can think of is that recently I switched from Windows XP to Mac OS. Please help!

Subject: Re: traces plot outside of x-axis boundaries

Posted by [chris_torrence@NOSPAM](#) on Mon, 21 Apr 2014 14:31:56 GMT

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Hmmm, that sounds strange. I plot on Mac all the time with no problems. Which version of IDL? Can you come up with a reproduce case that includes the data? Or post a screenshot somewhere?

Thanks!

-Chris

Subject: Re: traces plot outside of x-axis boundaries

Posted by [justinclouds](#) on Mon, 21 Apr 2014 18:56:18 GMT

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On Monday, April 21, 2014 8:31:56 AM UTC-6, Chris Torrence wrote:

> Hmmm, that sounds strange. I plot on Mac all the time with no problems. Which version of IDL? Can you come up with a reproduce case that includes the data? Or post a screenshot somewhere?

>

> Thanks!

>

> -Chris

Here is a link.

<https://www.dropbox.com/s/izon72rmi0mrzme/Archive.zip>

It contains the code and the data file with the plot that is produced. The data file is huge but this is related to the problem I think as the traces are within boundaries if the file is smaller. Also the traces are within boundaries if all the data is plotted but if a small segment is plotted (defining s and f) the traces go out of bounds.

Thanks for any help!

Subject: Re: traces plot outside of x-axis boundaries

Posted by [chris_torrence@NOSPAM](#) on Mon, 21 Apr 2014 21:43:10 GMT

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Well, this must have been a bug. It works fine for me using IDL 8.3.1. I would bet it also works fine in IDL 8.3 and possibly 8.2.3 as well.

Cheers,
Chris

Subject: Re: traces plot outside of x-axis boundaries

Posted by [David Fanning](#) on Mon, 21 Apr 2014 21:56:04 GMT

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Chris Torrence writes:

> Well, this must have been a bug. It works fine for me using IDL 8.3.1. I would bet it also works fine in IDL 8.3 and possibly 8.2.3 as well.

Perhaps this is what he is talking about:

http://www.idlcoyote.com/ng_tips/overplots.php

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: traces plot outside of x-axis boundaries
Posted by [chris_torrence@NOSPAM](#) on Mon, 21 Apr 2014 22:28:13 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Monday, April 21, 2014 3:56:04 PM UTC-6, David Fanning wrote:

> Chris Torrence writes:

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>> Well, this must have been a bug. It works fine for me using IDL 8.3.1. I would bet it also works fine in IDL 8.3 and possibly 8.2.3 as well.

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> Perhaps this is what he is talking about:

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> http://www.idlcoyote.com/ng_tips/overplots.php

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> Cheers,

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> David

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> David Fanning, Ph.D.

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> Fanning Software Consulting, Inc.

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

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>

> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Yep, that sure looks like it. Thanks David!

-C

Subject: Re: traces plot outside of x-axis boundaries
Posted by [justinclouds](#) on Tue, 22 Apr 2014 00:49:01 GMT
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On Monday, April 21, 2014 4:28:13 PM UTC-6, Chris Torrence wrote:

> On Monday, April 21, 2014 3:56:04 PM UTC-6, David Fanning wrote:

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>> Chris Torrence writes:
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>> Well, this must have been a bug. It works fine for me using IDL 8.3.1. I would bet it also works fine in IDL 8.3 and possibly 8.2.3 as well.
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>> David
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>> David Fanning, Ph.D.
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>> Fanning Software Consulting, Inc.
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>> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
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>> Sepore ma de ni thue. ("Perhaps thou speakest truth.")
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>
> Yep, that sure looks like it. Thanks David!
>
> -C

Thank you guys so much! I was stressing over it. Now it is fixed. Love this group!

- Duncan

Subject: Re: traces plot outside of x-axis boundaries
Posted by [lecacheux.alain](#) on Tue, 22 Apr 2014 07:51:47 GMT
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On Monday, April 21, 2014 11:43:10 PM UTC+2, Chris Torrence wrote:
> Well, this must have been a bug. It works fine for me using IDL 8.3.1. I would bet it also works fine in IDL 8.3 and possibly 8.2.3 as well.

>
>
>
> Cheers,
>
> Chris

What is IDL 8.3.1 ? So far, I was only aware of 8.3.0.
Thank you, Chris, for any info.
alain.

Subject: Re: traces plot outside of x-axis boundaries

On Tuesday, April 22, 2014 1:51:47 AM UTC-6, alx wrote:

> On Monday, April 21, 2014 11:43:10 PM UTC+2, Chris Torrence wrote:

>

>> Well, this must have been a bug. It works fine for me using IDL 8.3.1. I would bet it also works fine in IDL 8.3 and possibly 8.2.3 as well.

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>> Cheers,

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>> Chris

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> What is IDL 8.3.1 ? So far, I was only aware of 8.3.0.

>

> Thank you, Chris, for any info.

>

> alain.

Ah, sorry. It's not out yet. I just meant that it worked for me on my development machine. But it's going to be _amazing_. :-)

Hopefully around summertime...

-Chris
