Subject: Another possible bug of the plot function in IDL8.2.3
Posted by Xin Tao on Sun, 21 Jul 2013 12:28:46 GMT
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IDL> print, !version
{ x86_64 darwin unix Mac OS X 8.2.3 May 2 2013   64   64}

Here is the problem I have found. Not sure whether other people have reported this or not. I discovered this while making some plot using data from a simulation. So the numbers below might look strange to you.

IDL> print, mean_b
     0.0024484981
IDL> print, maxb
      0.047594825
IDL> print, minb
   1.0000000e-18
IDL> a=plot([0,999], [minb,maxb], /ylog, yrange=[mean_b, maxb])

The y axis of this plot is totally wrong. There is something wrong with the use of YRANGE in this case. However, if I do the following, the resulting figure looks fine.

IDL> a=plot([0,999], [minb,maxb], /ylog)
IDL> a.yrange=[mean_b, maxb]

This sounds like a bug to me, but I'm not sure whether other people can reproduce this or not.

Xin

Subject: Re: Another possible bug of the plot function in IDL8.2.3
Posted by Mark Piper on Mon, 22 Jul 2013 16:56:40 GMT
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On Sunday, July 21, 2013 6:28:46 AM UTC-6, Xin Tao wrote:
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> Xin

Hi Xin,

Yup, this is a bug, just reported last week & with the workaround you've found. Would you please send a quick email to Tech Support so they can add you to the ticket? It's IDL-68781.

mp

Subject: Re: Another possible bug of the plot function in IDL8.2.3
Posted by Xin Tao on Tue, 23 Jul 2013 13:21:52 GMT
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Will do. Thanks for your reply.

Xin

On Tuesday, July 23, 2013 12:56:40 AM UTC+8, Mark Piper wrote:
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