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
View Forum Message <> Reply to Message

On Sunday, July 21, 2013 6:28:46 AM UTC-6, Xin Tao wrote:
> 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

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