Subject: Re: iPlot export PostScript error with logarithmic X axis
Posted by news.qwest.net on Thu, 17 Aug 2006 22:56:36 GMT
View Forum Message <> Reply to Message

"Benjamin Hornberger" <benjamin.hornberger@stonybrook.edu> wrote in message
news:44e4e9c1$1_3@marge.ic.sunysb.edu...
> Hi all,
>
> I am creating a plot in iPlot and want to export it to EPS. It works fine
> if the X axis is not logarithmic. If I make the X axis logarithmic (which
> I need), the EPS cannot be read by either Ghostview or Illustrator.
>
> The .isv file and the two EPS files (with and without log X axis) are at
>
> http://xray1.physics.sunysb.edu/~hornberg/scratch/rpsd.isv
> http://xray1.physics.sunysb.edu/~hornberg/scratch/rpsd.eps
> http://xray1.physics.sunysb.edu/~hornberg/scratch/rpsd_noxlo g.eps
>
> Any insight? Let me know if you need more info.
>
> Thanks for your help,
> Benjamin

Do you have a 0 in the x axis array?
Perhaps the xlog is giving you a math exception that IDL can ignore,
but crashes PS.
Your error message is:

"Error: /undefined in -1.#IND"

made me think of that.

Cheers,
bob

Subject: Re: iPlot export PostScript error with logarithmic X axis
Posted by Benjamin Hornberger on Thu, 17 Aug 2006 23:21:25 GMT
View Forum Message <> Reply to Message

R.G. Stockwell wrote:
> "Benjamin Hornberger" <benjamin.hornberger@stonybrook.edu> wrote in message
> news:44e4e9c1$1_3@marge.ic.sunysb.edu...
>
>> Hi all,
>>
>> I am creating a plot in iPlot and want to export it to EPS. It works fine
>> if the X axis is not logarithmic. If I make the X axis logarithmic (which

>> I need), the EPS cannot be read by either Ghostview or Illustrator.
>>
>> The .isv file and the two EPS files (with and without log X axis) are at
>>
>> http://xray1.physics.sunysb.edu/~hornberg/scratch/rpsd.isv
>> http://xray1.physics.sunysb.edu/~hornberg/scratch/rpsd.eps
>> http://xray1.physics.sunysb.edu/~hornberg/scratch/rpsd_noxlo g.eps
>>
>> Any insight? Let me know if you need more info.
>>
>> Thanks for your help,
>> Benjamin
>
>
> Do you have a 0 in the x axis array?
> Perhaps the xlog is giving you a math exception that IDL can ignore,
> but crashes PS.
> Your error message is:
>
> "Error: /undefined in -1.#IND"
>
> made me think of that.
>
> Cheers,
> bob
>
>

Yes, that was the problem. The X array starts at zero, but then in iPlot
I set the X min to 0.1 (otherwise, I can't even select X log).

So I have to strip off the first element of each vector before iPlotting
it. Not very convenient, but ...

Thanks!
Benjamin