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Subject: Re: iPlot export PostScript error with logarithmic X axis  
Posted by [Benjamin Hornberger](#) on Thu, 17 Aug 2006 23:21:25 GMT  
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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](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

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