
Subject: Re: EPS problem

Posted by [Paul van Delst](#) on Sun, 15 Jul 2001 17:47:38 GMT

[View Forum Message](#) <> [Reply to Message](#)

Stuart wrote:

>
> hi,
>
> I have a routine that Plots to an eps file, one of the keywords I can
> give the
> routine is a Plot_Size. The problem is this: when setting the plot
> size to 5.0 by 5.0 (cm) the resulting eps file has the labels on the x
> and y axis chopped off! They are completely missing. When setting
> the plot size to 10.0 by 10.0 (cm) the x and y labels are displayed.
> Surely the eps file should be more-or-less the same in both cases
> since postscript is scalable? The only
> problem with the 10.0 by 10.0 plot when I rescale (with width=5.0cm)
> in LaTeX is that the text labels are too tiny to read, which wasn't
> the case with the 5.0 by 5.0 plot.
>
> Any idea ideas what's going wrong when the Plot_Size is set to 5.0 by
> 5.0?

I don't have any ideas as to how to fix your problem, I'm replying merely to sympathise. I have experienced similar behaviour also. I don't create EPS files, just PS, but I used to tear my hair out when some of the labels (usually on log axes due to the umpteen decimal places) went south due to the calculated bounding box (which seemed to approximate the on-screen window size). I had to manually edit the bounding box limits in the PS file so I could see my whole plot. Man it's annoying.

I can't remember if Liam Gumley's PSON and PSOFF code fixed my problem, but since I've used them (as replacements for SET_PLOT, 'PS' and DEVICE, /CLOSE) I don't recall having the same problem.... but I also use a TICKFORMAT function now for log axes to trim superfluous decimal points. So it might be a case of correlation rather than causation.

I think you might be able to get the PSON and PSOFF code (simple programs but tremendously useful to dunderklumpens like me who don't understand X/YOFFSET and all those PS shifting about keywords and just want output to fit on the darn page...) from his website <http://www.gumley.com> under the "About the book" link.

paulv

--

Paul van Delst A little learning is a dangerous thing;
CIMSS @ NOAA/NCEP Drink deep, or taste not the Pierian spring;
Ph: (301)763-8000 x7274 There shallow draughts intoxicate the brain,
Fax:(301)763-8545 And drinking largely sobers us again.
 Alexander Pope.
