Subject: Re: Writing eps files from iplot
Posted by JM[1] on Thu, 24 Dec 2009 17:20:52 GMT
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Years ago I wrote (for myself) a set of routines to work transparently
between X-windows and the PS device. They were written in total
ignorance of David Fanning's routines (and no doubt all the poorer for
that), but I've carried on using them because they cover my needs.
Just like with David's routines, there's a 'head' and a 'tail'
procedure that goes into every plotting procedure. The end-goal was
nearly always either hardcopy or PDF files.

Put simply, the user specifies all page, plot and image dimensions in
cm and, in the resulting PS/EPS file, the dimensions will be exactly
what the user specified. Any windows that are displayed are scaled to
very nearly match the specified dimensions - there's an associated
image display routine that resamples images for display to the window
device, but of course 'prints' the image at the full resolution to the
PS device.

The extra coding is minimal, and now it's second nature to work up my
plots in cm space - I find that especially useful for multiple plots

Your welcome to the code - let me know.

-John Mardaljevic

PS. Numerous examples of plots to exact cm co-ordinates in thesis
chapters 3 to 6 here:

http://www.iesd.dmu.ac.uk/~jm/doku.php?id=resources:thesis