
Subject: Re: colorbar positioning in postscript
Posted by [David Fanning](#) on Mon, 13 Nov 2006 16:17:25 GMT
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jesscobrien@gmail.com writes:

> Originally I tried writing to postscript using these normalised
> positions, but didnt realise I needed to get the size of the postscript
> window right. So have removed my rescaling of the positions. And set my
> postscript window size such that it has the same aspect ratio as the
> image + colorbar combined. However this aspect ratio doesnt cater for
> the axis annotations of the image and colorbar, which change the aspect
> ratio, so my PS version shows the colorbar oversized relative to the
> image. How can I get the full region of my image and colorbar,
> including the space taken up by annotations, so that I can set the PS
> size with the correct aspect ratio?

Say what!? :-(

Here is how I do this, assuming I have just displayed my
graphics in a window on my display to see how it all looks,
with my graphics display command DoMyThingHere:

```
; Set up PS with same aspect as display window
keywords = PSConfig(_Extra=PSWindow(), CANCEL=cancelled)
IF ~cancelled THEN BEGIN
  thisDevice = !D.Name
  thisFont = !P.Font
  !P.Font = 1
  Set_Plot, 'PS'
  Device, _Extra=keywords
  DoMyThingHere
  Device, /Close
  !P.Font = thisFont
  Set_Plot, thisDevice
ENDIF
```

Perhaps this is a problem with how DoMyThingHere is
written. I don't know. I've just never run into the
problems you seem to be having.

Cheers,

David

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Sepore ma de ni thui. ("Perhaps thou speakest truth.")
