Subject: Re: colorbar positioning in postscript
Posted by David Fanning on Mon, 13 Nov 2006 16:17:25 GMT
View Forum Message <> Reply to Message

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

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: http://www.dfanning.com/

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

Page 2 of 2 ---- Generated from comp.lang.idl-pvwave archive