Subject: cgps_open output size
Posted by amin farhang on Mon, 28 Jul 2014 23:36:45 GMT
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Dear All,

I know that cgPS_Open will try to "match" the aspect ratio of the PostScript file "window" to the current display window. therefore I'm trying to produce a landscape eps file (with cgps_open or device) with arbitrary XSIZE and YSIZE values.

For example I want the output eps file, have a 800x500 size, but the following code's output, return a portrait figure that in the Latex output is 90 degree rotated.

IDL> cgPS_Open, 'f1.eps', Landscape=0,/nomatch
IDL> cgdisplay,800,500
IDL> cgplot,findgen(11),psym=-9,color='red',linestyle=2
IDL> cgps_close

how can i produce an eps file with arbitrary XYsize which do not rotat in Latex's output?

Thanks,

Subject: Re: cgps_open output size
Posted by David Fanning on Mon, 28 Jul 2014 23:55:19 GMT
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Amin Farhang writes:

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Well PostScript files rarely have a size of 800x500, because they are
sized in centimeters or inches, and I'm pretty sure that's an extremely
big file using either of those two units. :-)

Suppose you wanted to create a PostScript file that had this aspect

ratio, with the long side being six inches. Then you might do something like this:

```
IDL> cgps_open, /gui, xsize=6, ysize=3.75, /inches, portrait=1, $
    xoffset=1.25, yoffset=3.62, /nomatch
IDL> cgplot,findgen(11),psym=-9,color='red',linestyle=2
IDL> cgps_close
```

Cheers,

David
--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")