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Subject: Re: fontsize

Posted by [David Fanning](#) on Wed, 21 May 2003 03:28:22 GMT

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Tomson (tom2959@21cn.com) writes:

> I want all texts in figure have absolute size, for example, 10pt. I know I  
> can use device, font\_size=10. But when I change some setting, such as  
> !p.multi, sometimes the text change their size. What is the matter?

Uh, probably you are not sure what you are doing. :-)

Here is an experiment. First plot:

```
thisDev = !D.Name
Set_Plot, 'PS'
Device, Set_Font='Helvetica', Font_Size=10, /TT_Font, File = 'test_1.ps'
Plot, findgen(11), Font=1, XTitle='This is a long X title', $
    YTitle='This is a much longer Y title'
Device, /Close
Set_Plot, thisDev
```

Print that out on your PostScript printer. Then, next plot:

```
thisDev = !D.Name
Set_Plot, 'PS'
Device, Set_Font='Helvetica', Font_Size=10, /TT_Font, File = 'test_2.ps'
!P.Multi=[0,2,2]
Plot, findgen(11), Font=1, XTitle='This is a long X title', $
    YTitle='This is a much longer Y title'
Plot, findgen(11), Font=1, XTitle='This is a long X title', $
    YTitle='This is a much longer Y title'
Plot, findgen(11), Font=1, XTitle='This is a long X title', $
    YTitle='This is a much longer Y title'
Plot, findgen(11), Font=1, XTitle='This is a long X title', $
    YTitle='This is a much longer Y title'
Device, /Close
!P.Multi=0
Set_Plot, thisDev
```

Print that plot out.

I'm going to assert that the text on both plots is identical  
and that it is 10 point helvetica font. :-)

Cheers,

David

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