
Subject: Re: why the output of PS and Screen aren't the same?

Posted by [Liam E. Gumley](#) on Fri, 01 Feb 2002 16:49:51 GMT

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tom wrote:

> Hi, sometimes the output of PS(set_plot,'ps') is not the same as what I see
> on the screen(set_plot,'win'), for example, the text may have different
> position and size. How to solve the problem? Would you please tell me the
> plot format you used for print? Appreciate your answers. Tom

People have written whole book chapters about this problem!

That said, you might get quick satisfaction with the PSON and PSOFF procedures I wrote as examples for my book. You can get them as part of the sample programs package at

http://www.gumley.com/PIP/About_Book.html

Once you have these two procedures installed, you can do something like this:

```
;- Create a test plot in a graphics window  
window, /free  
x = findgen(200) * 0.1  
plot, x, sin(x), title='A Test Plot'
```

```
;- Start PostScript output  
pson, filename='testplot.ps'
```

```
;- Redo the plot  
plot, x, sin(x), title='A Test Plot'
```

```
;- End PostScript output  
psoff
```

The PostScript file testplot.ps should contain a plot with the same aspect ratio and text size as the version in the graphics window. If you want to know the details of how PSON and PSOFF work, get yourself a copy of "Practical IDL Programming".

Cheers,

Liam.

Practical IDL Programming

<http://www.gumley.com/>
