
Subject: ps file with text

Posted by [adisn123](#) on Mon, 02 Oct 2006 17:52:33 GMT

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Hi,

Using "set_plot = ps" I created a ps file.

I'm trying to resize the ps image and add some text (such as Figure1.

~~~) in my word text of lab paper.

How do I take the ps file and add text into it?

Thanks.

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Subject: Re: ps file

Posted by [David Fanning](#) on Wed, 21 Mar 2007 12:38:06 GMT

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wxf@bao.ac.cn writes:

- > I need produce a ps file which contains many pages(A4/page) by a IDL
- > program.
- > But when I plot a lot of my pictures on that ps file,I find the ps
- > file has only one page and terribly large size.
- >
- > Who can tell me if IDL can set a ps file which the user can draw
- > pictures on different position of different pages and all these pages
- > belongs to the same ps file?

In general, any time you issue a graphics command that would, on your display, erase the window first (e.g, Plot, Contour, Surface, etc.) will, in PostScript, create a new page of output. Any time you issue a graphics command that would go into the same window (e.g. OPLOT, PLOTS, XYOUTS, etc.) will stay on the same page.

Moreover, you can force a new page of PostScript output by "erasing" the window with an ERASE command.

Cheers,

David

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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.")

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Subject: Re: ps file

Posted by [wxf](#) on Thu, 22 Mar 2007 02:17:57 GMT

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> In general, any time you issue a graphics command that  
> would, on your display, erase the window first (e.g, Plot,  
> Contour, Surface, etc.) will, in PostScript, create a new  
> page of output. Any time you issue a graphics command  
> that would go into the same window (e.g. OPLOT, PLOTS,  
> XYOUTS, etc.) will stay on the same page.

>

> Moreover, you can force a new page of PostScript output  
> by "erasing" the window with an ERASE command.

>

> David

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Sorry,my statement might be ambiguous so David did not understand.

Let me give an example to explain.

Everybody must have seen some large geographical map(such as a US  
geographical map with scale 1:10000).I can use IDL and  
"set\_plot,'ps'"command to produce such a ps file.But it is too  
large and nobody can watch it on monitor or print it by printer.

Now,I want to produce the same map with the same scale,but change  
the map into to a book with A4 size per page.We can watch that book or  
print that book whatever size the US map is.

My question is how can I make out that ps-book in an IDL procedure and  
its set\_plot command.

Thanks

wxf

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