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Subject: Re: How to put multi figure in one EPS file  
Posted by [David Fanning](#) on Thu, 25 Oct 2007 12:46:07 GMT  
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Nianming Zuo writes:

```
> set_plot, 'ps'
> device,filename='proj.eps',/encaps,/inches,xsize=4,ysize=2,b its=16
> tvscl, p1, 0
> tvscl, p2, 1
> device, /close_file
> set_plot, 'win'
>
> On Windows OS, the code above can not put image p1, p2 (both are
> 256*256)
> in the same proj.eps file, and there is only one.
> But in " set_plot, 'win' ", it is true, when set the window as,
> window, /free, xsize=512, ysize=256
```

Well, sure enough. This is the first time I've been surprised by IDL in a long time. :-)

Here is how I would put two images side by side in a window and in PostScript:

```
set_plot, 'ps'
device,filename='proj.eps',/encaps,/inches,xsize=4,ysize=2,b its=8
!P.MULTI=[0,2,1]
TVSCALE, p1, Margin=0
TVSCALE, p2, Margin=0
device, /close_file
!P.MULTI=0
set_plot, 'win'
```

You can find TVSCALE here:

<http://www.dfanning.com/programs/tvscale.pro>

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.")

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Subject: Re: How to put multi figure in one EPS file  
Posted by [Nianming Zuo](#) on Fri, 26 Oct 2007 00:51:24 GMT  
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David, thank you! It helps me out soon!

But I still wondered why there is not an such usually used function inherent in IDL, instead it depends on the 3rd-party tools.

Additionally, David, I have another personal question. Why would you like to develop open source software on a commercial platform (such as IDL) ? Actually, there are many free softwares you can rely on, such as Python, Scilab, and et.al..  
[Indeed, I don't have and prejudice against IDL.]

Best,

Nico

On 10 25 , 8 46 , David Fanning <n...@dfanning.com> wrote:

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>> device,filename='proj.eps',/encaps,/inches,xsize=4,ysize=2,b its=16

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>> tvscl, p2, 1

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> TVSCALE, p2, Margin=0

> device, /close\_file

> !P.MULTI=0

> set\_plot, 'win'

>

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>  
> <http://www.dfanning.com/programs/tvscale.pro>  
>  
> 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.")

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Subject: Re: How to put multi figure in one EPS file  
Posted by [David Fanning](#) on Fri, 26 Oct 2007 02:50:30 GMT  
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Nianming Zuo writes:

> Why would you  
> like to develop open source software on a commercial platform (such as  
> IDL) ? Actually, there are many free softwares you can rely on,  
> such as Python, Scilab, and et.al..

My wife would tell you it's because I don't have  
a lick of business sense. But the truth is, I just  
like all the chicks and beer the fame brings. :-)

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.")

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