Subject: Re: How to put multi figure in one EPS file Posted by David Fanning on Thu, 25 Oct 2007 12:46:07 GMT View Forum Message <> Reply to Message

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
```

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

Well, sure enough. This is the first time I've been

surprised by IDL in a long time. :-)

```
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.")

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:
> 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'
>
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    !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.")

Subject: Re: How to put multi figure in one EPS file Posted by David Fanning on Fri, 26 Oct 2007 02:50:30 GMT View Forum Message <> Reply to Message

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.")