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Subject: Re: how to do that?

Posted by [David Fanning](#) on Tue, 13 May 2003 12:38:25 GMT

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tomson (tom2959@21cn.com) writes:

```
> Hi,I want to analyze a JPG figure. I hope the figure can be put in a plot,  
> like this:  
>  
> plot,[0,1],[0,1],xrange=[0,1],yrange=[0,1],/nodata  
> READ_JPEG, 'test.jpg', a  
> ;I want to put the image in the above plot just fill the rectangle. How  
> to do that?  
> ;Then I want to add other on the plot...  
> oplot,x,y
```

With TVIMAGE you would do it like this:

```
p=[0.15, 0.15, 0.9, 0.9]  
TVImage, a, Position=p  
Plot, [0,1],[0,1],xrange=[0,1],yrange=[0,1],/nodata, $  
/NoErase, Position=p  
Oplot, x, y
```

With Liam Gumley's ImgDisp you just set the AXIS keyword,  
I think.

You can find TVIMAGE here:

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

Cheers,

David

--

David W. Fanning, Ph.D.

Fanning Software Consulting, Inc.

Phone: 970-221-0438, E-mail: [david@dfanning.com](mailto:david@dfanning.com)

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Toll-Free IDL Book Orders: 1-888-461-0155

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Subject: Re: how to do that?

Posted by [David Fanning](#) on Tue, 13 May 2003 13:20:37 GMT

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David Fanning ([david@dfanning.com](mailto:david@dfanning.com)) writes:

Whoops! Craig is going to be furious with me... :-(

You can probably do everything you want in one fell swoop with his PLOTIMAGE. :-)

Cheers,

David

--

David W. Fanning, Ph.D.

Fanning Software Consulting, Inc.

Phone: 970-221-0438, E-mail: david@dfanning.com

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Subject: Re: how to do that?

Posted by [tomson](#) on Tue, 13 May 2003 15:38:42 GMT

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That's good. Thank you.

The original figure is in PS form not JPG. But how to read PS figure to IDL,  
I don't find: read\_ps,'test.ps'??

:MPG.192a952cadaf2197989b8f@news.frii.com...

> tomson (tom2959@21cn.com) writes:

>

>> Hi,I want to analyze a JPG figure. I hope the figure can be put in a plot,

>> like this:

>>

>> plot,[0,1],[0,1],xrange=[0,1],yrange=[0,1],/nodata

>> READ\_JPEG, 'test.jpg', a

>> ;I want to put the image in the above plot just fill the rectangle.

How

>> to do that?

>> ;Then I want to add other on the plot...

>> oplot,x,y

>

> With TVIMAGE you would do it like this:

>

> p=[0.15, 0.15, 0.9, 0.9]

> TVImage, a, Position=p

> Plot, [0,1],[0,1],xrange=[0,1],yrange=[0,1],/nodata, \$  
> /NoErase, Position=p  
> Oplot, x, y  
>  
> With Liam Gumley's ImgDisp you just set the AXIS keyword,  
> I think.  
>  
> You can find TVIMAGE here:  
>  
> <http://www.dfanning.com/programs/tvimage.pro>  
>  
> Cheers,  
>  
> David  
>  
> --  
> David W. Fanning, Ph.D.  
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Subject: Re: how to do that?

Posted by [David Fanning](#) on Tue, 13 May 2003 15:51:04 GMT

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tomson (tom2959@21cn.com) writes:

> The original figure is in PS form not JPG. But how to read PS figure to IDL,  
> I donot find: read\_ps,'test.ps'??

No, there is no READ\_PS. Try something like Adobe Illustrator. :-)

Cheers,

David

--

David W. Fanning, Ph.D.

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Subject: Re: how to do that?

Posted by [Liam E. Gumley](#) on Tue, 13 May 2003 16:05:30 GMT

"tomson" <tom2959@21cn.com> wrote in message  
news:b9r36v\$cd3\$1@mail.cn99.com...

> That's good. Thank you.

>

> The original figure is in PS form not JPG. But how to read PS figure to  
IDL,

> I donot find: read\_ps,'test.ps'??

IDL cannot read a PS file directly.

Convert the PS file to JPEG or TIFF using an external package like PhotoShop  
or ImageMagick:

<http://www.imagemagick.org/>

and then import it into IDL using READ\_JPEG or READ\_TIFF.

Cheers,

Liam.

Practical IDL Programming

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

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Subject: Re: how to do that?

Posted by [tomson](#) on Wed, 14 May 2003 00:35:03 GMT

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Thank you and David.

In fact, I use coredraw to get tiff or jpg from PS. JPG is not good. The  
tiff file is 7M, but the new PS file(only add a line on it) is 15M! So I ask  
that.

Anyway, the method David told me is good.

:b9r54p\$mi6\$1@news.doit.wisc.edu...

> "tomson" <tom2959@21cn.com> wrote in message

> news:b9r36v\$cd3\$1@mail.cn99.com...

>> That's good. Thank you.

>>

>> The original figure is in PS form not JPG. But how to read PS figure to

> IDL,

>> I donot find: read\_ps,'test.ps'??

>

> IDL cannot read a PS file directly.  
>  
> Convert the PS file to JPEG or TIFF using an external package like  
PhotoShop  
> or ImageMagick:  
>  
> <http://www.imagemagick.org/>  
>  
> and then import it into IDL using READ\_JPEG or READ\_TIFF.  
>  
> Cheers,  
> Liam.  
> Practical IDL Programming  
> <http://www.gumley.com/>  
>  
>

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