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Subject: Re: Saving Plot Products

Posted by [David Fanning](#) on Mon, 26 Aug 2002 19:09:55 GMT

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Justin Sieglaff (justins@ssec.wisc.edu) writes:

> Hi everyone....hopefully someone can help me out. I am creating some  
> plots using the PLOT command and was wondering how I could a)specify  
> the size of the plot and b)save the plots as JPEGs/PNGs, etc. Any  
> help would be great!

a) Window, xsize=400, ysize=350  
Plot, dta

b) snap = TVRead(/JPEG); /PNG, /TIFF, etc.

<http://www.dfanning.com/programs/tvread.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: Saving Plot Products

Posted by [jimby](#) on Mon, 26 Aug 2002 23:45:33 GMT

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justins@ssec.wisc.edu (Justin Sieglaff) wrote in message

news:<9bc4f51c.0208261004.3b5ec44c@posting.google.com>...

> Hi everyone....hopefully someone can help me out. I am creating some  
> plots using the PLOT command and was wondering how I could a)specify  
> the size of the plot and b)save the plots as JPEGs/PNGs, etc. Any  
> help would be great!

>

> Thanks,

>

> Justin Sieglaff

Justin,

After you make your plot with the PLOT command, do the following to  
create a JPEG/PNG from this plot:

```
write_png,'test.png',tvrtd()
```

```
write_jpeg,'test.jpeg',tvrtd()
```

Cheers,  
Jim Brauher

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Subject: Re: Saving Plot Products  
Posted by [David Fanning](#) on Tue, 27 Aug 2002 01:08:01 GMT  
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Jim Brauher (jimby@ipac.caltech.edu) writes:

```
> After you make your plot with the PLOT command, do the following to  
> create a JPEG/PNG from this plot:  
>  
> write_png,'test.png',tvrtd()  
> write_jpeg,'test.jpeg',tvrtd()
```

Well, unless you are on a 24-bit display and want color images, etc. Then you are better off sticking to TVREAD or SAVEIMAGE or something like that. :-)

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: Saving Plot Products  
Posted by [R.Bauer](#) on Tue, 27 Aug 2002 06:47:54 GMT  
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Justin Sieglaff wrote:

```
>  
> Hi everyone....hopefully someone can help me out. I am creating some  
> plots using the PLOT command and was wondering how I could a)specify  
> the size of the plot and b)save the plots as JPEGs/PNGs, etc. Any  
> help would be great!
```

>  
> Thanks,  
>  
> Justin Sieglaff

Why don't using Postscript Output?

```
old_dev=!D.name
SET_PLOT,'PS'

DEVICE,FILENAME='my_output.ps', PREVIEW=0,$
  /COLOR, YOFFSET=27, YSIZE=16,XOFFSET=2,XSIZE=25,$
  /LANDSCAPE

TEK_COLOR

x=INDGEN(37,/FLOAT)*10
y=SIN(x!*dtor)
PLOT,x,y,/nodata

OPLOT,x,y,linestyle=3,PSYM=-1,THICK=2,COLOR=2
DEVICE,/CLOSE
SET_PLOT,old_dev
```

If you then like to have an image you can use for example

```
pstoimg -type png -aaliastext -crop a -density 150 -flip r90
my_output.ps
```

```
display my_output.png
```

Comment from the help:

```
pstoimg - Convert a PostScript file to a bitmap image
        using Ghostscript and the Netpbm utilities
```

The output as image has this way a much higher quality!

regards

Reimar

--

Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-I)

Forschungszentrum Juelich  
email: R.Bauer@fz-juelich.de

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a IDL library at ForschungsZentrum Juelich  
[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_lib\\_intro.html](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html)

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