
Subject: Re: save problems

Posted by [Paul Van Delst\[1\]](#) on Mon, 25 Nov 2013 22:28:54 GMT

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If you use function graphics (FG), then if you do something like

```
p = plot(x,y)
p = plot(x2,y2,/overplot)
```

you can save the generated plot in any of your required formats like so:

```
p.save, "plot.png"
p.save, "plot.pdf"
```

etc.

Same for other FG function like image, surface, etc.

The extension on the filename does all the hard work.

See http://www.exelisvis.com/docs/Save_Method.html

BUT - very importantly - if this question is in relation to your other post, where you are generating many plots within a loop (using old style direct graphics, DG), then ignore everything I said above and do what DavidF suggested and use his Coyote Graphics (CG) tools.

Using function graphics in a loop will slow your script down by many many orders of magnitude.

cheers,

paulv

On 11/24/13 10:06, David Fanning wrote:

> Chriss writes:

>

>> I use IDL 8.2.2 and my questions are the following:

>>

>> 1- is possible to save plot and its oplot in the same .pdf (or png, jpeg, etc) file?

>> 2- is possible to save tvscl window in a .pdf (or png, jpeg, etc) file?

>

> Oh, boy, are you in for a big surprise! And resizeable windows, too!

>

> http://www.idlcoyote.com/graphics_tips/coyote_graphics.php

>

> Here is how to put multiple commands in a single plot and save it in any

> of the formats you mention:

>
> http://www.idlcoyote.com/cg_tips/multicmds.php
>
> With your image, just use the OUTPUT keyword and the appropriate
> extension and everything is handled for you:
>
> IDL> cgImage, image, /Scale, OUTPUT='myimage.pdf'
>
> Cheers,
>
> David
>
> P.S. Where have you been all my life? I've been writing programs just
> for you!
>
