
Subject: save problems

Posted by [Chrisss](#) on Sun, 24 Nov 2013 10:00:03 GMT

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Hi!!!

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?

thanks, Chrisss

Subject: Re: save problems

Posted by [David Fanning](#) on Sun, 24 Nov 2013 15:06:20 GMT

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Chrisss 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!

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: save problems
Posted by [Chriss](#) on Sun, 24 Nov 2013 23:11:40 GMT
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thank you so much David!
I'm a new idl user and I'm new in the world of programmers...so I don't know a lot of simple things.
I'm sorry.
thanks, Christina

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?

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> 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!

>

Subject: Re: save problems

Posted by [David Fanning](#) on Mon, 25 Nov 2013 22:40:01 GMT

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Paul van Delst writes:

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

The slowest part may be dealing with transient abnormalities. Did you
ever get your THICK=2 problem sorted out?

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: save problems
Posted by [Chriss](#) on Tue, 26 Nov 2013 10:47:17 GMT
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MR Paul van Delst , thanks for your reply!
this my question is not in relation to my other post.
using old style direct graphics, DG, I resolved my "save plots problem" as you said :-)
but I can't apply it for an image generated with "TVSCL", why? :-(
Cheers,
Christina

Subject: Re: save problems
Posted by [Paul Van Delst\[1\]](#) on Tue, 26 Nov 2013 11:57:28 GMT
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Nope. You deal and move on.

Although it does make me realise how much crap I'm ready to put up with
in my life.

Goodness. I have no idea where that came from. Consequence of living in
DC too long perhaps? :o\

cheers,

paulv

On 11/25/13 17:40, David Fanning wrote:

> Paul van Delst writes:

>

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

>

> The slowest part may be dealing with transient abnormalities. Did you
> ever get your THICK=2 problem sorted out?

>

> Cheers,

>

> David

>

>

Subject: Re: save problems

Posted by [Chriss](#) on Tue, 26 Nov 2013 12:29:15 GMT

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Thanks for your consideration

Subject: Re: save problems

Posted by [David Fanning](#) on Tue, 26 Nov 2013 12:54:33 GMT

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Paul van Delst writes:

> Although it does make me realise how much crap I'm ready to put up with

> in my life.

>

> Goodness. I have no idea where that came from. Consequence of living in

> DC too long perhaps? :o\

I hear you, man. I'm going out today to cut trees off of a couple of ski trails. That always helps. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Sepore ma de ni thue. ("Perhaps thou speakest truth.")
