
Subject: Shining plots

Posted by [gsever](#) on Fri, 12 Dec 2008 17:35:13 GMT

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Hello,

I have come across two high-quality plots while searching some information for my final project. The images are atmospheric science related outputs and the first one is from a conference presentation, and the latter is from a dissertations. (I can provide the details, in case of any request.)

I uploaded the plots to a free image hosting service

1-) <http://www.imagebam.com/image/68e8c020709978>

2-) <http://www.imagebam.com/image/faa37520709979>

The first plot seems like to me created in IDL's iPlot, and I don't have the author extended the lines to the z-axis. Do you think this is an IDL product, or carries signs of another visualization package?

For the second one, I have never been able to create such a high-contrast output from my plots. The colors in my plots are always faint. How can I output or export such a shinny looking plots? is there any trick for this?

All the comments and opinions are very welcome.

Thank you.

Subject: Re: Shining plots

Posted by [Wout De Nolf](#) on Mon, 15 Dec 2008 08:49:27 GMT

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On Fri, 12 Dec 2008 09:35:13 -0800 (PST), gsever
<gokhansever@gmail.com> wrote:

> For the second one, I have never been able to create such a high-
> contrast output from my plots. The colors in my plots are always
> faint. How can I output or export such a shinny looking plots? is
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Do you use TVRD + WRITE_BMP/WRITE_TIFF/...? I never managed to get good line-plots out of them. I usually use the postscript device (see code below) and then use Adobe Illustrator (or something else) to export this to other formats if needed. Also make sure you set line

thickness to ~3 or change it afterwards (using Illustrator and co.)

If you're using object graphics instead of direct graphic, check IDLgrClipboard. If you're using iTools, exporting to EPS can be done with some mouse clicks.

I'm really no expert on this, but it works for me.

```
pro MakeEPS,file,procname,args,_REF_EXTRA = _extra
; Prepare device
old_dev = !d.name
a=PSWINDOW(_EXTRA = _extra) ; David's excellent ps device setup
set_plot, 'PS'
device, file=file,/COLOR,/ENCAPSULATED, /isolatin1,$
,BITS_PER_PIXEL=8,_EXTRA=a

; Plot
CALL_PROCEDURE, procname, args,_EXTRA = _extra

; Reset device
device,/close
set_plot, old_dev
end;pro MakeEPS
```

Subject: Re: Shining plots

Posted by [gsever](#) on Tue, 16 Dec 2008 08:00:01 GMT

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And the answer comes from Mathematica :)

<http://reference.wolfram.com/mathematica/ref/Filling.html>

See also how neat their web-page looks. They are very good at demonstrating what they produce.

I wonder when the IDL revise their quasi-operational page, or improve the accessibility.

On Dec 12, 5:35 pm, gsever <gokhanse...@gmail.com> wrote:

> Hello,

>

> I have come across two high-quality plots while searching some
> information for my final project. The images are atmospheric science
> related outputs and the first one is from a conference presentation,
> and the latter is from a dissertations. (I can provide the details, in
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> there any trick for this?
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>
> Thank you.

Subject: Re: Shining plots
Posted by [Vince Hradil](#) on Tue, 16 Dec 2008 14:47:06 GMT
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On Dec 16, 2:00 am, gsever <gokhanse...@gmail.com> wrote:
> And the answer comes from Mathematica :)
>
> <http://reference.wolfram.com/mathematica/ref/Filling.html>
>
> See also how neat their web-page looks. They are very good at
> demonstrating what they produce.
>

Of course you're comparing apples and oranges 8^)

Sorry, I couldn't resist...

Subject: Re: Shining plots
Posted by [gsever](#) on Tue, 16 Dec 2008 16:56:44 GMT
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I guess you didn't like the plot :)

and haven't spent much time to see the beauty in the others.

Why don't you try to be more descriptive?

On Dec 16, 2:47 pm, Vince Hradil <vincehra...@gmail.com> wrote:

> On Dec 16, 2:00 am, gsever <gokhanse...@gmail.com> wrote:
>
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>
>> <http://reference.wolfram.com/mathematica/ref/Filling.html>
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> Sorry, I couldn't resist...

Subject: Re: Shining plots
Posted by [Vince Hradil](#) on Tue, 16 Dec 2008 16:59:54 GMT
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On Dec 16, 10:56 am, gsever <gokhanse...@gmail.com> wrote:
> I guess you didn't like the plot :)
>
> and haven't spent much time to see the beauty in the others.
>
> Why don't you try to be more descriptive?
>
> On Dec 16, 2:47 pm, Vince Hradil <vincehra...@gmail.com> wrote:
>
>> On Dec 16, 2:00 am, gsever <gokhanse...@gmail.com> wrote:
>
>>> And the answer comes from Mathematica :)
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>> Of course you're comparing apples and oranges 8^)
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>> Sorry, I couldn't resist...
>
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No - it was just a pun on your misspelling: produce instead of product. Sorry for the misunderstanding.

Subject: Re: Shining plots

Posted by [jameskuyper](#) on Tue, 16 Dec 2008 17:22:14 GMT

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Vince Hradil wrote:

> On Dec 16, 10:56 am, gsever <gokhanse...@gmail.com> wrote:

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>>

>> and haven't spent much time to see the beauty in the others.

>>

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>>

>> On Dec 16, 2:47 pm, Vince Hradil <vincehra...@gmail.com> wrote:

>>

>>> On Dec 16, 2:00 am, gsever <gokhanse...@gmail.com> wrote:

...

>>>> See also how neat their web-page looks. They are very good at

>>>> demonstrating what they produce.

>>> Of course you're comparing apples and oranges 8^)

>>> Sorry, I couldn't resist...

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> No - it was just a pun on your misspelling: produce instead of

> product. Sorry for the misunderstanding.

He need a verb in that context, not a noun like 'product', and 'produce'
seems to me to be the correct spelling of an appropriate verb.

Subject: Re: Shining plots

Posted by [Vince Hradil](#) on Tue, 16 Dec 2008 17:27:48 GMT

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On Dec 16, 11:22 am, James Kuyper <jameskuy...@verizon.net> wrote:

> Vince Hradil wrote:

>> On Dec 16, 10:56 am, gsever <gokhanse...@gmail.com> wrote:

>>> I guess you didn't like the plot :)

>

>>> and haven't spent much time to see the beauty in the others.

>

>>> Why don't you try to be more descriptive?

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>>> On Dec 16, 2:47 pm, Vince Hradil <vincehra...@gmail.com> wrote:

>

>>>> On Dec 16, 2:00 am, gsever <gokhanse...@gmail.com> wrote:

> ...

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>

> He need a verb in that context, not a noun like 'product', and 'produce'

> seems to me to be the correct spelling of an appropriate verb.

You're right - I'm reading too fast and I missed "what they" and instead thought "their" - my bad. I'm going back to bed - or maybe to get that second cup of coffee...

8^{\
