
Subject: Re: FG subplot question

Posted by chris_torrence@NOSPAM on Mon, 12 Jan 2015 18:04:29 GMT

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On Friday, September 12, 2014 at 12:34:49 PM UTC-6, Chris Torrence wrote:

> On Friday, September 12, 2014 11:26:01 AM UTC-6, Chris Torrence wrote:

>> On Friday, September 12, 2014 8:13:25 AM UTC-6, Helder wrote:

>>

>>> Hi Chris,

>>

>>>

>>

>>> thanks for the suggestion, but I rather wait for IDL 8.4 or the first version where this is corrected. If I change things I don't, I'm sure I won't find the problem when I forget I changed that. And I would have to change this on more than one machine... making things also difficult.

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>>> I solved this by simply overlapping two separate plots in my ppt presentation.

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>>> By the way, I haven't tried this and it's probably easy, but is it possible to export transparent graphics, without a white (or whatever color) background?

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>>> Thanks,

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>>> Helder

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>>> PS: I don't agree with "everything's perverse until you get used to it...". There are things that
should/could be and things that just shouldn't be. That's what progress is about. Making perverse
twisted solutions obvious. Time helps, but things stay perverse.
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>>
>> Well, it was supposed to be tongue-in-cheek. Perhaps it's because I've been working on the
IDL->Python bridge. Talk about perverse...
>>
>>
>>
>> Anyway, glad to hear that at least the "transparent" was easy. Have you tried using the
BORDER keyword, to crop out unnecessary whitespace?
>>
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>>
>> -Chris
>
> I don't think I'm going to fix this for IDL 8.4. It's too risky to fix this late in the game. One side
effect of my change that I already discovered - if you cover up a plot with a new plot (using
/current), then even if the background is transparent, you can't select the plot line underneath.
>
> So, for now, I would suggest that you continue to do the "fake plot" hack, until I can come up
with a solution that doesn't break other things.
>
> Sorry about that.
>
> Cheers,
> Chris

```

Okay, I've checked in a fix for this for IDL 8.4.1. If the background is opaque (i.e. has transparency < 100%) then it will obscure anything underneath it. So, for your original code, you would just need to give your inset plot a background color (white will work fine):

```

p = plot(findgen(100))
i = plot(1.0/(findgen(100)+1),current=p, $
    position=[0.7,0.7,(p.position)[2],(p.position)[3]], $
    BACKGROUND_COLOR='white')

```

Later on, if for some reason you wanted your plot line on the bottom to reappear, you could set BACKGROUND_TRANSPARENCY=100.

Cheers,
Chris
Exelis
