
Subject: Re: help with transparent plot in version 8.2.2
Posted by [Teddy Allen](#) on Thu, 14 Mar 2013 18:29:30 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Thursday, March 14, 2013 9:05:43 AM UTC-4, Brian J. Daniel wrote:

> On Wednesday, March 13, 2013 11:42:42 PM UTC-4, Teddy Allen wrote:

>
>> In the past I was able to easily save any line plot with a transparent background simply by saving the plot as:

>
>>
>
>>
>
>>
>
>> plot.save,'transparent_plot.png',/TRANSPARENT

>
>>
>
>>
>
>>
>
>> Unfortunately, this does not seem to work anymore if used with the plot function with the POSITION keyword. The following lines of code do not produce an expected transparent .png .

>
>>
>
>>
>
>>
>
>>
>
>>
>
>>
>
>> ;;;; GPCP2b is a 16,16,12 array
>
>>
>
>> ;;;; Lines below produce a 12 month annual rainfall time series for a 16x16 grid
>
>>
>
>> ;;;; in the Caribbean.
>
>>

```

>
>>
>
>>
>
>> DIM=16.
>
>>
>
>> SC=1/DIM
>
>>
>
>> p = plot(GPCP2b[0,0,*],position=[0,0,SC,SC],$
>
>>
>
>>     yrange=[0,max(GPCP2b)], XSHOWTEXT=0,$
>
>>
>
>>     YSHOWTEXT=0, color='black',TRANSPARENCY=0)
>
>>
>
>>
>
>> for i = 0,15 do begin
>
>>
>
>>     for j =0,15 do begin
>
>>
>
>>         p1=plot(GPCP2b[i,j,*],position=[SC*i,SC*j,SC*(i+1),SC*(j+1)] $,/current,
>
>>
>>
>
>>         yrange=[0,max(GPCP2b)], XSHOWTEXT=0, YSHOWTEXT=0, color='black')
>
>>
>
>>     endfor
>
>>

```

```
>
>> endfor
>
>>
>
>> p1.save,'C:\datasets\testTRANS.png',/TRANSPARENT
>
>>
>
>>
>
>>
>
>>
>
>>
>
>>
>
>>
>
>>
>
>> I have tried various combinations of using BACKGROUND_COLOR and
BACKGROUND_TRANSPARENCY in the plot commands, but nothing works.
>
>>
>
>>
>
>>
>
>> This produces a transparent plot:
>
>>
>
>> p = plot(GPCP2b[0,0,*],yrange=[0,max(GPCP2b)], XSHOWTEXT=0, YSHOWTEXT=0, $
color='black')
>
>>
>
>> p.save,'C:\datasets\testTRANS.png',/TRANSPARENT
>
>>
>
>>
>
>>
>
>> However, this DOES NOT:
```

```
>
>>
>
>> p = plot(GPCP2b[0,0,*],position=[0,0,SC,SC],yrange=[0,max(GPCP2b)],$
XSHOWTEXT=0,YSHOWTEXT=0,color='black')
>
>>
>
>> p.save,'C:\datasets\testTRANS.png',/TRANSPARENT
>
>>
>
>>
>
>>
>
>>
>
>>
>
>> Any tips would be greatly appreciated. Thank you.
>
>>
>
>> teddy
>
>
>
> Have you tried using the Layout keyword instead of Position?
```

Looks like using LAYOUT instead of POSITION worked! I wish I knew why though...Thank you!
