
Subject: Re: cgplot and the disappearing white axis
Posted by [DavidF\[1\]](#) on Mon, 14 May 2012 03:04:59 GMT
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On Sunday, May 13, 2012 8:54:41 PM UTC-6, Coyote wrote:

> Alexis writes:

>

>> I am trying to save a multiplot image to a pdf for a presentation.
>> when the cgwindow pops up, all is well, everything is there as it
>> should be. When I save it to a pdf, only the first plot's axis is
>> there. However, this only happens when I specify the background color
>> and axes' color (ie not /traditional) and ONLY when I specify the axis
>> color to be white. If it is cyan, for example, everything is there in
>> the pdf.

>>

>>

>> cgwindow, 'cgplot', x1, y1, axiscolor='white',
>> background=cgcolor('black')

>>

>> cgwindow, 'cgplot', x2, y2, axiscolor='white', /addcmd, /noerase

>>

>> The multiplot command is there via the position keyword, but not
>> included in the example above. Any ideas why white won't give the
>> second axes when saved to a pdf?

>

> I would guess because you are confused about what you are doing and
> you are confusing the cgWindow. I can hear it going "Huh!" now. :-)

>

> The way you would do a multi-plot command using cgWindow is like this:

>

> cgWindow, WMulti=[0,1,2]
> cgPlot, x1, y1, axiscolor='white', background='black', /AddCmd
> cgPlot, x2, y2, axiscolor='white', /AddCmd

>

> This will produce the correct PDF file for you.

Or, maybe not. Somebody else is going to have to work on the "Why?" for you. I'm retired. But, I will say I never imagined that anyone would ask for a black background, especially in a PDF file. This will give you a black background on the display, and a white background in your PDF file. I think that is what most people want. I'm really not sure what YOU want. :-)

```
cgWindow, WMulti=[0,1,2], background='black'  
cgPlot, x1, y1, /Addcmd  
cgPlot, x2, y2, /AddCmd
```

Cheers,

David
