Subject: Re: ps\_start and color Posted by David Fanning on Fri, 25 May 2012 15:38:46 GMT View Forum Message <> Reply to Message

## simona bellavista writes:

```
> I did a plot like that
> ps start, file=filename
> datacolor1=cgcolor("Red",!D.table size-4)
> multiplot,[1,2]
> plot, vector1, ytitle='F', xstyle=1
> oplot, vector2, color=datacolor1
> multiplot
> plot, vector1, xtitle='v[km/s]', xstyle=1
> oplot, vector2,color=datacolor1
> multiplot,/reset
> ps_end
> but I cannot see the red line on the ps, while I can see when I use x.
> How do I get color in ps?
```

Unless you are using an ancient version of the Coyote Library, I don't see any way this doesn't produce a red line. In fact, I don't see any possibility that it doesn't produce a red line in PostScript.

So, I guess the guestion is. What makes you think it doesn't?

Cheers,

David

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

Subject: Re: ps\_start and color Posted by wlandsman on Fri, 25 May 2012 15:43:41 GMT You are using Coyote graphics for some commands but not others. Try changing your PLOT calls to CGPLOT, and OPLOT calls to CGPLOT,/OVER

```
--Wayne
```

```
On Friday, May 25, 2012 11:28:38 AM UTC-4, simona bellavista wrote:
> Hello.
> I did a plot like that
> ps_start, file=filename
  datacolor1=cgcolor("Red",!D.table_size-4)
> multiplot,[1,2]
> plot, vector1, ytitle='F', xstyle=1
> oplot, vector2, color=datacolor1
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> multiplot
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> ps_end
> but I cannot see the red line on the ps, while I can see when I use x.
> How do I get color in ps?
> thank you
```

Subject: Re: ps\_start and color Posted by simona bellavista on Fri, 25 May 2012 15:52:11 GMT View Forum Message <> Reply to Message

- > Unless you are using an ancient version of the Coyote
- > Library, I don't see any way this doesn't produce
- > a red line. In fact, I don't see any possibility
- > that it doesn't produce a red line in PostScript.

I downloaded the last version of the coyote library just before posting here.

- > So, I guess the question is. What makes you think
- > it doesn't?

experimenting. It doen't work, not on my system at least.

```
my system is linux
the exact code I used is the following and I run it like a script:
ps=1
datacolor=cgcolor("Red",!D.table_size-4)
filename ='~/idl/test.eps'
if (ps eq 1) then ps_start, file = filename
if (ps ne 1) then begin $
& set_plot, 'x' $
& window, 0, retain = 2$
& endif
N = 100
sp = dindgen(N)
vector1 = replicate(0.5,N)
vector2 = replicate(0.6,N)
multiplot,[1,2]
plot, sp, vector1, xstyle=1, yr=[0,1]
oplot, sp, vector2,color=datacolor
multiplot
plot, sp, vector1, xstyle=1, yr=[0,1]
oplot, sp, vector2,color=datacolor
multiplot,/reset
if (ps eq 1) then ps_end
```

Subject: Re: ps\_start and color Posted by simona bellavista on Fri, 25 May 2012 16:03:10 GMT View Forum Message <> Reply to Message

At least there is an improvement, now I can see the red line in the plot, but it is black!

On 25 Mag, 17:43, wlandsman <wlands...@gmail.com> wrote:

> You are using Coyote graphics for some commands but not others. Try changing your PLOT calls to CGPLOT, and OPLOT calls to CGPLOT,/OVER

> > --Wayne >

Subject: Re: ps\_start and color Posted by simona bellavista on Fri, 25 May 2012 16:05:46 GMT I send a message previously, but I cannot see it...

I downloaded the most recent version of the coyote library code before posting here.

It looks to me like it doesn't work.

Btw I am working on linux.

On 25 Mag, 17:38, David Fanning <n...@idlcoyote.com> wrote:

- > Unless you are using an ancient version of the Coyote
- > Library, I don't see any way this doesn't produce
- > a red line. In fact, I don't see any possibility
- > that it doesn't produce a red line in PostScript.

>

- > So, I guess the question is. What makes you think
- > it doesn't?

>

> Cheers,

>

> David

>

Subject: Re: ps\_start and color Posted by David Fanning on Fri, 25 May 2012 16:09:10 GMT View Forum Message <> Reply to Message

## simona bellavista writes:

- > I downloaded the most recent version of the coyote library code before
- > posting here.
- > It looks to me like it doesn't work.
- > Btw I am working on linux.

Yes, but you are doing this in \*PostScript\*. Can you tell me \*why\* you thing it is not working? Are you viewing the file, printing it, what? What makes you think the line is black?

Cheers,

David

--

David Fanning, Ph.D.

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

Subject: Re: ps\_start and color

Posted by simona bellavista on Fri, 25 May 2012 16:11:28 GMT

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Well, I am visualising it with evince and it is black.

- > Yes, but you are doing this in \*PostScript\*. Can you
- > tell me \*why\* you thing it is not working? Are you
- > viewing the file, printing it, what? What makes you
- > think the line is black?

>

Subject: Re: ps\_start and color

Posted by David Fanning on Fri, 25 May 2012 16:15:28 GMT

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simona bellavista writes:

> Well, I am visualising it with evince and it is black.

Well, I don't know evince. But I would say either color is not turned on in that program, or it is displaying the wrong thing. The line is red, I can assure you of that. :-)

Do you have a GhostScript viewer (perhaps "gv" in Linux)?

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

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## simona bellavista writes:

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>> Unless you are using an ancient version of the Coyote
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>> a red line. In fact, I don't see any possibility
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> & set_plot, 'x' $
> & window, 0, retain = 2 $
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> N=100
> sp = dindgen(N)
> vector1 = replicate(0.5,N)
> vector2 = replicate(0.6,N)
>
> multiplot,[1,2]
> plot, sp, vector1, xstyle=1, yr=[0,1]
> oplot, sp, vector2,color=datacolor
> multiplot
> plot, sp, vector1, xstyle=1, yr=[0,1]
> oplot, sp, vector2,color=datacolor
> multiplot,/reset
> if (ps eq 1) then ps_end
```

Ah, well, that's not the code you sent before. In the

code we were testing, you loaded the color AFTER you ran PS\_START. If you do it \*before\* you run PS\_START there is a possibility the color will be wrong, depending upon how your machine is set up.

There would be no confusion if you specified the color on the command line that used the color, or (a MUCH better solution!) you used Coyote Graphics commands to draw your graphics.

But, in your case, just moving the color definition to after the PS Start command will solve your problem.

Cheers.

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

Subject: Re: ps\_start and color

Posted by simona bellavista on Fri, 25 May 2012 16:26:59 GMT

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evince always shows the colors

I also visualize it with ghostscript:

gs -dSAFER -dBATCH -sDEVICE=x11

and tried to convert it to png with convert. it is always black.

On 25 Mag, 18:15, David Fanning <n...@idlcoyote.com> wrote:

- > simona bellavista writes:
- >> Well, I am visualising it with evince and it is black.

\_

- > Well, I don't know evince. But I would say either color
- > is not turned on in that program, or it is displaying
- > the wrong thing. The line is red, I can assure you
- > of that. :-)

>

> Do you have a GhostScript viewer (perhaps "gv" in Linux)?

>

Subject: Re: ps\_start and color Posted by simona bellavista on Fri, 25 May 2012 16:56:39 GMT

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Thank you very much, a stupid mistake. but now I want to have a line blue and one red and I do

```
cgplot, sp, vector1, xstyle=1, yr=[0,1], /nodata cgplot, sp, vector1, color = datacolor1, /over cgplot, sp, vector2, color=datacolor2, /over
```

But I both line in datacolor1 ??

- > Ah, well, that's not the code you sent before. In the
- > code we were testing, you loaded the color AFTER you
- > ran PS\_START. If you do it \*before\* you run PS\_START
- > there is a possibility the color will be wrong, depending
- > upon how your machine is set up.

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- > There would be no confusion if you specified the color
- > on the command line that used the color, or (a MUCH better
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- > But, in your case, just moving the color definition to
- > after the PS\_Start command will solve your problem.

>