
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 question 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
>
> 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?
>
> 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 doesn'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 May, 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 think 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
[View Forum Message](#) <> [Reply to Message](#)

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 think 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
[View Forum Message](#) <> [Reply to Message](#)

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.")

Subject: Re: ps_start and color
Posted by [David Fanning](#) on Fri, 25 May 2012 16:26:56 GMT
[View Forum Message](#) <> [Reply to Message](#)

simona bellavista writes:

```
>
>> 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 doesn'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
```

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

[View Forum Message](#) <> [Reply to Message](#)

evince always shows the colors

I also visualize it with ghostscript:

```
gs -dSAFER -dBATC -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
[View Forum Message](#) <> [Reply to Message](#)

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.
>
> 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.
>
