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Subject: Re: Problem with Polar\_contour

Posted by [David Fanning](#) on Mon, 25 Aug 2008 19:53:10 GMT

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tarequeaziz@gmail.com writes:

- > Now when he runs it in his machine (with IDL version 6.2) it just
- > works like a charm but the same code breaks down when I want to run on
- > machine (with IDL 7.0).
- >
- > As I showed on the code, program breaks down at weird places, like
- > "DEVICE,RETAIN=0"( shown above). It says that, retain is NOT allowed
- > for device command, how ridiculous!!!!
- >
- > Even if I circumvent this area, when it gets down to polar\_contour
- > command, it says, it cannot plot since the points are collinear !! How
- > come then it works on his machine?????
- >
- > As far as I can see, the code seems alright. I just cannot figure out
- > why it is breaking down on my machine.

My guess is your device is "PS" and his device is "X" or "WIN".

These commands are not allowed in the PostScript device.

To see what device you are in, type this:

```
HELP, /DEVICE
```

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

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

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Subject: Re: Problem with Polar\_contour

Posted by [tarequeaziz](#) on Mon, 25 Aug 2008 21:16:28 GMT

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On Aug 25, 3:53 pm, David Fanning <n...@dfanning.com> wrote:

- > tarequea...@gmail.com writes:
- >> Now when he runs it in his machine (with IDL version 6.2) it just
- >> works like a charm but the same code breaks down when I want to run on
- >> machine (with IDL 7.0).
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> To see what device you are in, type this:  
>  
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>  
> Cheers,  
>  
> David  
> --  
> David Fanning, Ph.D.  
> Fanning Software Consulting, Inc.  
> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>  
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Thanks Dave,

I really appreciated your prompt reply!!!

As per your advice, I checked it. My device is set as "WIN"  
here's what I got:

```
"Available Graphics Devices: CGM HP METAFILE NULL PCL PRINTER PS WIN Z
Current graphics device: WIN
  Screen Resolution: 1680x1050
  Simultaneously displayable colors: 16777216
  Number of allowed color values: 16777216
  System colors reserved by Windows: 0
  IDL Color Table Entries: 256
  NOTE: this is a TrueColor device
  NOT using Decomposed color
  Graphics Function: 3 (copy)
  Current Font: System, Current TrueType Font: <default>
  Default Backing Store: None. "
```

What do you think???

Best,

T

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Subject: Re: Problem with Polar\_contour  
Posted by [David Fanning](#) on Mon, 25 Aug 2008 21:46:11 GMT  
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tarequeaziz@gmail.com writes:

> As per your advice, I checked it. My device is set as "WIN"  
> here's what I got:  
>  
>  
> "Available Graphics Devices: CGM HP METAFILE NULL PCL PRINTER PS WIN Z  
> Current graphics device: WIN  
> Screen Resolution: 1680x1050  
> Simultaneously displayable colors: 16777216  
> Number of allowed color values: 16777216  
> System colors reserved by Windows: 0  
> IDL Color Table Entries: 256  
> NOTE: this is a TrueColor device  
> NOT using Decomposed color  
> Graphics Function: 3 (copy)  
> Current Font: System, Current TrueType Font: <default>  
> Default Backing Store: None. "  
>  
>  
> What do you think???

I think your colleague runs on LIXUX machines and programs accordingly. :-)

Windows can certainly accept a DEVICE, RETAIN=0 command, so I don't know why that should fail. Still smacks of PostScript to me. DEVICE, TRUE\_COLOR=xxx is going to fail on Windows, since that is not how you set up a True-Color device on Windows. And, anyway, as you can see, you already ARE a 24-bit device, so the command is unnecessary.

There isn't a SET\_PLOT, 'X' somewhere in the code, is there?

I really don't know. Strange errors. :-)

Cheers,

David

--

David Fanning, Ph.D.

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

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Subject: Re: Problem with Polar\_contour

Posted by [tarequeaziz](#) on Mon, 25 Aug 2008 21:57:18 GMT

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On Aug 25, 5:46 pm, David Fanning <n...@dfanning.com> wrote:

> tarequea...@gmail.com writes:

>> As per your advice, I checked it. My device is set as "WIN"

>> here's what I got:

>  
>> "Available Graphics Devices: CGM HP METAFILE NULL PCL PRINTER PS WIN Z  
>> Current graphics device: WIN  
>> Screen Resolution: 1680x1050  
>> Simultaneously displayable colors: 16777216  
>> Number of allowed color values: 16777216  
>> System colors reserved by Windows: 0  
>> IDL Color Table Entries: 256  
>> NOTE: this is a TrueColor device  
>> NOT using Decomposed color  
>> Graphics Function: 3 (copy)  
>> Current Font: System, Current TrueType Font: <default>  
>> Default Backing Store: None. "

>  
>> What do you think???

>  
> I think your colleague runs on LIXUX machines and programs  
> accordingly. :-)

>  
> Windows can certainly accept a DEVICE, RETAIN=0 command, so  
> I don't know why that should fail. Still smacks of PostScript  
> to me. DEVICE, TRUE\_COLOR=xxx is going to fail on Windows,  
> since that is not how you set up a True-Color device on Windows.  
> And, anyway, as you can see, you already ARE a 24-bit device,  
> so the command is unnecessary.

>  
> There isn't a SET\_PLOT, 'X' somewhere in the code, is there?

>  
> I really don't know. Strange errors. :-)

>  
> Cheers,  
>  
> David  
>  
> --  
> David Fanning, Ph.D.  
> Fanning Software Consulting, Inc.  
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> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

My God....!

You are RIGHT!!!!

Its true that my buddy works in Linux. and yes, there is a 'set\_plot,x' command.

Actually here's the rest of the code( this starts right after the polar\_contour command):

```
"  
.....  
close,2  
  
set_plot,'ps'  
device, filename=fileout,/encapsulated,/color, xsize=aaax, ysize=aaay  
  
;~~~~~  
  polar_contour, z1,t[*],r[0,*],/  
  FILL,nlevels=nlev,title=tit,zr=[-0.3,RMAX]  
;~~~~~  
  
device,/close_file  
  
set_plot,'x'  
  
close,/all "
```

The 'retain' thing actually is working fine. I guess, I was confusing the machine too much so it kinda gave up on me....he he he ...

As you mentioned,"True color" command is not being accepted for

obvious reason.

And just to add a little to this, why "polar\_contour" gets all berserk when its in my machine. As you can see, I use set\_plot command long after I used "polar\_contour"...?

Does it have to do anything with the conflict between Linux and Windows? It shouldn't..right???

I am sorry that I am asking too many questions, but you have no idea how much you are helping me out in this.

:-) Thanks once again

Best,

T

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