
Subject: Re: how to over plot after using "cgZplot"
Posted by [David Fanning](#) on Tue, 08 Jan 2013 18:10:53 GMT
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idlhelp writes:

> I have a small problem. My first plot work fine with cgZplot command but I want to overplot another plot on it. How can i do that. I am doing in the following way.

```
>  
> cgZPlot,a,b,color='black'  
> cgZPlot,c,d,color='red',/overplot  
>  
> but it doesn't work.
```

I'd do it like this:

```
a = Indgen(101)  
b = cgDemoData(17)  
c = Indgen(101)  
d = cgDemoData(17)  
oplotObj = Obj_New('cgOverPlot', c, d, color='red')  
cgZPlot, a, b, OLOTS=oplotObj
```

Note, that if you are running IDL 8 and above, you can create the oplotObj like this:

```
oplotObj = cgOverplot(c, d, color='red')
```

This is true of an Coyote Graphics object, such as cgMap, etc.

Cheers,

David

--

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

Subject: Re: how to over plot after using "cgZplot"
Posted by [abc](#) on Tue, 08 Jan 2013 18:26:11 GMT
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On Tuesday, January 8, 2013 6:51:09 PM UTC+1, idlhelp wrote:

> I have a small problem. My first plot work fine with cgZplot command but I want to overplot another plot on it. How can i do that. I am doing in the following way.

>
>
>
> cgZPlot,a,b,color='black'
>
> cgZPlot,c,d,color='red',/overplot
>
>
>
> but it doesn't work.

Thank David,

but getting this error while running your code
'Attempt to call undefined procedure/function: 'CGOVERPLOT__DEFINE'.

Subject: Re: how to over plot after using "cgZplot"
Posted by [David Fanning](#) on Tue, 08 Jan 2013 18:30:09 GMT
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idlhelp writes:

> but getting this error while running your code
> 'Attempt to call undefined procedure/function: 'CGOVERPLOT__DEFINE'.

Here are the steps to follow whenever a Coyote Library routine doesn't work as expected:

http://www.idlcoyote.com/code_tips/fixcoyoteprogram.php

I expect you will have to go no further than Step 1 to solve this crisis. :-)

Cheers,

David

--

David Fanning, Ph.D.
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