
Subject: Multiple labels in cgScatter2D?

Posted by [Jonas Ardo](#) on Wed, 23 Apr 2014 20:41:09 GMT

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Hi

I run

```
pro NPPplot
compile_opt idl2
```

```
NPP = READ_CSV('file.csv', HEADER=NPPheader)
```

```
cgWindow, WXSize=600, WYSize=600
```

```
cgScatter2D, NPP.FIELD2, NPP.FIELD3, /ISOTROPIC, /NODISPLAY, FIT=0,
XTitle= NPPheader[1], YTitle= NPPheader[2], XRange=[0,700],
YRange=[0,700], $
    PSym=16, /Window, /Coefficient, Charsize=1.3, /GRID
```

```
cgControl, Create_PNG='C:\idlfiles\GPP\NPP.png'
```

END

The plot created looks OK in the resizable graphic window but have multiple labels (i.e. 200, 400 etc are shown twice on the x-axis and y-axis) in the PNG file and if I save a PDF from the resizable graphic window.

Suggestions?

/Jonas

Subject: Re: Multiple labels in cgScatter2D?

Posted by [David Fanning](#) on Wed, 23 Apr 2014 20:54:22 GMT

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Jonas Ardo writes:

```
> I run
>
> pro NPPplot
> compile_opt idl2
>
> NPP = READ_CSV('file.csv', HEADER=NPPheader)
```

```
>
> cgWindow, WXSize=600, WYSize=600
>
> cgScatter2D, NPP.FIELD2, NPP.FIELD3, /ISOTROPIC, /NODISPLAY, FIT=0,
> XTitle= NPPheader[1], YTitle= NPPheader[2], XRange=[0,700],
> YRange=[0,700], $
>     PSym=16, /Window, /Coefficient, Charsize=1.3, /GRID
>
> cgControl, Create_PNG='C:\idlfiles\GPP\NPP.png'
>
> END
>
> The plot created looks OK in th resizealble graphic window but have
> multiple lables (i.e. 200, 400 etc are shown twice on the x-axis and
> y-axis) in the PNG file and if I save a PDF from the resizealble
> graphic window.
>
> Suggestions?
```

I use these instructions to figure out problems like these:

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

Specifically, when was the last time you updated your Coyote Library?

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

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

Subject: Re: Multiple labels in cgScatter2D?

Posted by [chengyuxi34](#) on Wed, 16 Mar 2016 18:45:51 GMT

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Hi, David

Thanks for earlier help and quick respond in general.

I run into the same problem. If I try to set xrange or yrange when using cgScatter2D.pro, there would be two labels in the output file

Example:

```
-----  
> pson,filename='temp.eps'  
> cgscatter2d,findgen(30),findgen(30)+0.1,xrange=[-1.0,31]  
> psoff  
-----
```

It also confused me that I was not able to use cgControl.pro to output a plot. When I used cgControl, it went through, but no file was ever generated.

Thanks,
Chengyu

On Wednesday, April 23, 2014 at 4:54:22 PM UTC-4, David Fanning wrote:

```
> Jonas Ardo writes:  
>  
>> I run  
>>  
>> pro NPPplot  
>> compile_opt idl2  
>>  
>> NPP = READ_CSV('file.csv', HEADER=NPPheader)  
>>  
>> cgWindow, WXSize=600, WYSize=600  
>>  
>> cgScatter2D, NPP.FIELD2, NPP.FIELD3, /ISOTROPIC, /NODISPLAY, FIT=0,  
>> XTitle= NPPheader[1], YTitle= NPPheader[2], XRange=[0,700],  
>> YRange=[0,700], $  
>> PSym=16, /Window, /Coefficient, Charsize=1.3, /GRID  
>>  
>> cgControl, Create_PNG='C:\idlfiles\GPP\NPP.png'  
>>  
>> END  
>>  
>> The plot created looks OK in th resizealble graphic window but have  
>> multiple lables (i.e. 200, 400 etc are shown twice on the x-axis and  
>> y-axis) in the PNG file and if I save a PDF from the resizealble  
>> graphic window.  
>>  
>> Suggestions?  
>  
> I use these instructions to figure out problems like these:  
>  
> http://www.idlcoyote.com/code\_tips/fixcoyoteprogram.php  
>  
> Specifically, when was the last time you updated your Coyote Library?
```

>
> 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: Multiple labels in cgScatter2D?
Posted by [rawahranger](#) on Sun, 20 Mar 2016 13:06:00 GMT
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Chengyu writes:

> Hi, David
>
> Thanks for earlier help and quick respond in general.
>
> I run into the same problem. If I try to set xrange or yrange when using cgScatter2D.pro, there would be two labels in the output file.

I would start with Step 1 in the page referenced in my previous post. :-)

Cheers,

David

Subject: Re: Multiple labels in cgScatter2D?
Posted by [chengyuxi34](#) on Mon, 21 Mar 2016 09:18:33 GMT
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On Sunday, March 20, 2016 at 9:06:03 AM UTC-4, rawah...@gmail.com wrote:

> Chengyu writes:
>
>> Hi, David
>>
>> Thanks for earlier help and quick respond in general.
>>
>> I run into the same problem. If I try to set xrange or yrange when using cgScatter2D.pro, there would be two labels in the output file.

>
> I would start with Step 1 in the page referenced in my previous post. :-)
>
> Cheers,
>
> David

Thanks.

I thought I got the Coyote library fairly recently (late 2014) and was fairly up to the data. But updating the library does solve the problem.

Thanks,
Chengyu

Subject: Re: Multiple labels in cgScatter2D?
Posted by [rawahranger](#) on Tue, 22 Mar 2016 14:40:23 GMT
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> I thought I got the Coyote library fairly recently (late 2014) and was fairly up to the data. But updating the library does solve the problem.

Updating your Coyote Library nearly always works. :-)

Cheers,

David
