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Subject: Re: Major ticks is exceeds the plotting window

Posted by [Fabzou](#) on Tue, 07 Jun 2011 12:54:34 GMT

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You could place the plot somewhere else in the window using the POSITION keyword, or reduce the fontsize using XCHARSIZE and YCHARSIZE

On 06/07/2011 02:07 PM, abc wrote:

```
> Dear all,  
>  
> I am trying to make a plot using the coyote library. The  
> output is fine but the problem is that the last label of both the axis  
> (i.e the major ticks) is exceeds the window and its visible only half.  
> So my question is that how can i resize my plot so that both the major  
> ticks of x and y axis are visible fully. Is there any command in  
> cgplot so that i can change the parameter of the plot. Here is how I  
> am plotting the graph  
>  
> cgplot, a,b, color='green', xrange=[2000,25000], yrange = [2,100],/  
> window  
> cgplot, a1,b1, color='red', /overplot,add  
>  
> thanks in advance
```

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Subject: Re: Major ticks is exceeds the plotting window

Posted by [Paul Van Delst\[1\]](#) on Tue, 07 Jun 2011 15:23:31 GMT

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Or use the !X.omargin or !Y.omargin sysvars.

From the IDL help:

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OMARGIN

A 2-element array specifying the  $\frac{1}{2}$ outer $\frac{1}{2}$  margin on the left (bottom) and right (top) sides of a multi-plot window, in units of character size. A multi-plot window is created by setting the !P.MULTI system variable field. OMARGIN controls the amount of space around the entire plot area, including individual plot margins set with !X.MARGIN and !Y.MARGIN. The default values for !X.OMARGIN and !Y.OMARGIN are [0, 0].

When calculating the size and position of the individual plots, IDL first determines the plot region, the area enclosing the window plus the axis annotation and titles. It then subtracts the appropriate margin from each side, obtaining the window.

Setting !P.POSITION, or specification of the POSITION parameter overrides the effect of this field.  
-----%<-----

cheers,

paulv

Fabzou wrote:

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>

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