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Subject: Re: Different charsize for axis title and labels?  
Posted by [Paul Levine](#) on Mon, 16 Sep 2013 18:43:21 GMT  
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On 2013-09-16 12:38:27 +0000, David Fanning said:

> Paul Levine writes:  
>  
>> Unless I am doing something wrong (quite possible!), it seems that  
>> [XYZ]CHARSIZE, as I mentioned in my first post, scales both the axis  
>> labels and the axis title simultaneously. I would like to make the  
>> axis labels very small without affecting the axis title.  
>  
> Yes, I misunderstood your original question. Sorry.  
>  
> In direct graphics, the only way to do this would be in two steps in  
> which you draw the axis title in the second step with cgText or its  
> equivalent. The difficulty here is that the algorithm for where to place  
> the title text seems very difficult to come by. At least it has eluded  
> me for quite a number of years now. Of course, I have been known to be a  
> little overly anal about this kind of thing, so you might have better  
> luck. :-)  
>  
> Cheers,  
>  
> David

Thanks, the solution you mentioned (using cgText to place the title after the plot or axis command is run) is what I have been doing in the mean time, and does indeed lead to the difficulty of figuring out where to place it. Specifically, it is the yloc that I end up needing to find using trial and error (xloc of 0.5 using normalized coordinates with alignment=0.5 seems to work for the horizontal placement).

The only thing I have not yet tried, and was thinking might work, would be to place the axis title with an additional call to axis (or cgAxis). I will let you know if I get anywhere with that

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