
Subject: Re: Axis labels

Posted by [Ben Tupper](#) on Wed, 13 Sep 2000 14:58:05 GMT

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Hello,

You might consider using David's NORMALIZE function instead of NORM_COORD. It handles non-float values and you can specify the position of the axis (if you don't want to scale it from 0 to 1.) If you forget to make you range argument a floating point vector, NORM_COORD will perform a divide-by-integer, yielding unexpected results. Check out www.dfanning.com.

By the way, the RECOMPUTE_DIMENSIONS keyword is one that I always set so rescaling is automatic. I have always wished that the default was to rescale and to prevent rescaling I had to set a keyword.

Ben

Ed Vigmond wrote:

```
> I am trying to label an axis but I encounter a problem that I can't
> figure out. The font on the y-axis label comes out in different aspect
> ratios depending on the y range. Sometimes the font is totally
> unreadable and the rest of the time it is just ugly. Here is the code
> and sorry if it's a simple problem but I was following the example in
> the on-line help.
>
> graph -> SetProperty, DATAX=x, DATAY=y
> graph -> GetProperty, XRANGE=xr, YRANGE=yr
> graph -> SetProperty, XCOORD_CONV=norm_coord(xr),
> YCOORD_CONV=norm_coord(yr)
> xaxis -> SetProperty, RANGE=xr, XCOORD_CONV=norm_coord(xr)
> yaxis -> SetProperty, RANGE=yr, YCOORD_CONV=norm_coord(yr)
>
> Thanks
>
> =====
> Dr. Edward Vigmond
> Department of Biomedical Engineering
> Tulane University
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