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Subject: Re: Setting tick mark spacing

Posted by [davidf](#) on Wed, 01 Jul 1998 07:00:00 GMT

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John Tamaresis (szgiannh@catbert.ucdavis.edu) writes:

> Is it possible to control the spacing of tick marks in PV-WAVE? I am  
> creating a contour plot with the boundaries of the object drawn in the  
> plot window. However, the object boundaries (two concentric hemispheres)  
> are not to a 1:1 scale because of the different tick mark spacing on the  
> x and y axes.

I don't know about PV-WAVE, but I learned not too long ago on this newsgroup (much to my chagrin, after advising that it \*couldn't\* be done) that you can do this in IDL with the [XY]TickV and [XY]Ticks keywords. Here is a simple contouring example:

```
x = [0.0, 0.8, 1.5, 2.0, 3.5, 3.7, 5.8, 6.5, 7.2, 8.8, 10.0]
y = Findgen(11)
data = Dist(11)
Contour, data, x, y, XTickV=x, XTicks=10
```

Cheers,

David

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

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