
Subject: Re: Outward tickmarks on plots
Posted by [offenbrg](#) on Wed, 22 May 1996 07:00:00 GMT
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bleau@umdsp.umd.edu (Lawrence Bleau) writes:

> Does anyone know how to resolve this dilemma? I would like a grid displayed
> with the minor tickmarks outside the graph, and the TICKLEN keyword doesn't
> seem to be able to handle this combination. Any ideas?

> Btw, I tried using PLOT with a negative TICKLEN and /NODATA, then OPLOT with a
> TICKLEN of 1.0. This gave me tickmarks inside and outside as well as the grid,
> but the axis labels were written twice *in different places*. It looks ugly,
> folks. Is there any hope in this approach, or should I give it up? Thanks.

I think you're almost there....all you need to do is turn off the axis
labels. There are several ways to do this...the easiest is probably use the
[xyz]tickformat keyword to specify a null print format for the ticks.

For instance,

```
.run  
- function tickform,axis,index,value  
- return,"  
- end
```

```
plot,ticklen=1,... ;real plot  
plot,ticklen=-.05, xtickformat=tickform, ytickformat=tickform, noeras=1.....
```

Good luck!

Joel

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"...And I am unanimous in this" - Mrs. Slocumbe

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