
Subject: Re: Irregular Tick Spacing and Values in an iPlot
Posted by [jeffnettles4870](#) on Tue, 15 Jan 2008 19:03:22 GMT
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On Jan 15, 1:16 pm, David Fanning <n...@dfanning.com> wrote:

> jeffnettles4...@gmail.com writes:

>> Has anyone tried to do an iPlot with irregular tick spacing and
>> values? I can do this with a regular PLOT command as in David's tip:

>

>> http://www.dfanning.com/tips/irregular_tick_spacing.html

>

>> but I'd like to do this in an iPlot. I'm probably doing something
>> wrong, but I tried setting the xtickvalues keyword in the iPlot
>> procedure, but that seems to just label the ticks using arbitrary
>> numbers, and I need to space them arbitrarily. Xtickinterval only
>> accepts scalar values, so that's not a help I don't think.

>

> This looks like a bug to me. The iPlot documentation indicates
> you ought to be able to pass along XTICKVALUES, for example,
> but in fact the iPlot program does nothing with them.

>

> The reason I think this is a bug, is that I have no problem
> creating irregular tick spacing and labeling in my XPLOT
> program, which is an object graphics program. I simply
> create the axis like this:

>

```
> xAxis1 = Obj_New("IDLgrAxis", 0, Color=[255,255,0], Ticklen=0.025, $  
>   Minor=4, Range=[0,10], Title=xtitle, $  
>   TickValues=[0.0,0.8,1.5,2.0,3.5,4.3,5.8,6.5,7.2,8.8,10.0], $  
>   Location=[1000, position[1],0], Exact=exact[0])
```

>

> Cheers,

>

> David

> --

> David Fanning, Ph.D.

> Fanning Software Consulting, Inc.

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

> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

sigh I was afraid this was a bug....guess I'll report it.

Thanks,
Jeff
