
Subject: Re: new miracle of minor ticks
Posted by [R.Bauer](#) on Thu, 30 Aug 2007 13:07:05 GMT
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Lasse Clausen wrote:

> Hi,
>
> it seems that the xstyle=1 triggers that behaviour. If you do
>
> plot, indgen(11), xticks=5
>
> minor tick mark are there, however do a
>
> plot, indgen(11), xticks=5, /xstyle
>
> they are gone. also, when you combine any other xstyle option with 1,
> i.e. xstyle=9.
>
> I noticed this behaviour earlier and thought of it as a feature, not a
> bug. I just got used to setting the xminor keyword to whatever is
> appropriate.
>
> So long
> Lasse

I dont think its a feature because you got minor ticks if you dont
specify yourself xrange. This sounds more a bug.

cheers
Reimar

>
> On 29 Aug, 18:09, Reimar Bauer <R.Ba...@fz-juelich.de> wrote:
>> Hi
>>
>> I am back from my journey. And I have had a similiar experience with
>> doors as you David had but for the opposite direction. ;)
>>
>> But lets go to idl. The today most wanted answer is for:
>>
>> Where are the minor ticks?
>>
>> Any number of xticks gives no minor xticks.
>>
>> ; xminor
>> ; The number of minor tick mark intervals.
>> ; If set to zero, the default, IDL automatically determines the number

```
>> ; of minor ticks in each major tick-mark interval.
>> ; Setting this parameter to 1 suppresses the minor ticks, and setting it
>> ; to a positive, nonzero number, n, produces
>> ; n minor-tick intervals, and n+1 minor-tick marks.
>>
>> PRO example_bug
>>   x = findgen(1000)
>>   y1 = sin(x)
>>
>>   extra_axis={xrange:[300.0,840],yrange:[-1.1,1.1]}
>>
>>   plot, x, y1,$
>>       xstyle=1, $
>>       ystyle=1, $
>>       position=[0.235690,0.285714,0.760943,0.802381], $
>>       title=title, $
>>       charsize = 1.18942, $
>>       xtick_get = xtg, $
>>       ytick_get = ytg, $
>>       XTICKS = 2, $
>>       XMINOR = 0, $
>>       XTICKV = xtickv, $
>>       XTICKNAME = xtickname, $
>>       ytype=0, $
>>       _extra=extra_axis
>>
>> END
>>
>> cheers
>> Reimar
>
>
```
