
Subject: Re: new miracle of minor ticks
Posted by [lasse](#) on Thu, 30 Aug 2007 12:46:17 GMT
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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

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
```
