
Subject: Re: suppression of time axis annotation
Posted by [R.G. Stockwell](#) on Fri, 06 May 2005 15:24:33 GMT
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"David Fanning" <davidf@dfanning.com> wrote in message
news:MPG.1ce52bfb5be9076c9899f4@news.frii.com...

>
>
> Humm, this does what you want:
>
> Window,1
> PLOT, t, y1, \$
> Title = "Ticks unmatched - " + \$
> "but annotation is suppressed in middle", \$
> POSITION = p1, \$
> XSTYLE = 1, \$
> XTICKINTERVAL = 4, \$
> XMINOR = 4
> XTICKFORMAT='(A0)'
> PLOT, t, y2, \$
> NOERASE = 1, \$
> POSITION = p2, \$
> XSTYLE = 1, \$
> XTICKUNITS = ['Months', 'Years'], \$
> XTICKINTERVAL = 4, \$
> XMINOR = 4
>
> But on my output it looks like someone has gone in there
> with a magic marker and scribbled all over the left side
> of the plot. Do you see that, too?
>
> Cheers,
>
> David
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

I see the scribbling too. It is the julian day number being printed out
repeatedly

over itself many times.

Are you are missing a "\$" at the end of xminor=4 in the first plot?

The xtckformat is not being set.

However, that does not seem to make a difference.

Back to the original question, suppressing tickmarks.

You can set the length to be very small.

```
xticklen = 0.001
```

I don't know if that helps. But you can put it in your (Ben's) second example and the ugly unmatched tickmarks go away.

As a guess, I think the tickmarks when using `xtickunits=['month', 'year']` are in units of months. (i.e. you are set to 4 months as `xtickinterval`]. Perhaps that does not translate to days, since a month can have different days. If you drop the `xtickunits` name, and replace the `xtickinterval` with the appropriate days (i.e. `xtickinterval = 4*30`) it still does not line up.

Cheers,
bob
