
Subject: Re: suppression of time axis annotation
Posted by [btt](#) on Fri, 06 May 2005 19:33:09 GMT
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R.G. Stockwell wrote:

> "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 xtickformat 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.
>

Thanks Bob and David,

The XTICKLEN solution almost works - it just the enduser wants tickmarks. Added to my woes is that I really want to stack three plots or more. I though I could perhaps plot the bottom one first, get the tickvalues (XTICK_GET) and the specify the tickvalues (XTICKV) but that doesn't do it.

Hmmm.

Thanks anyway,
Ben
