
Subject: Re: Using [XYZ]TICKFORMAT for dynamic formatting
Posted by [Paul Van Delst\[1\]](#) on Thu, 21 May 2009 21:40:45 GMT
[View Forum Message](#) <> [Reply to Message](#)

David Gell wrote:

> I usually do something like the following when I have to pass data to
> a callback routine.
> Change the lowticks routine as follows:
>
>
> FUNCTION lowticks, axis, index, value, format=format
> common qqlowticks, sFormat
> if n_elements(sFormat) eq 0 then sFormat='(!C',f7.3)' ::
> initialize state memory
> if keyword_set(format) ne 0 then begin
> sFormat=format
> return, 0
> endif
>
> RETURN, STRING(value, FORMAT = sFormat
> END
>
> Then, prior to using lowticks as the value of the xtickformat keyword
> argument, you set the
> format string,
>
> nDummy=lowticks(format='F7.3')
>
> plot, ..., xtickformat=lowticks
>
> Hope this helps.

Thanks David. I try to not use common blocks where possible, but I will file it away in case I can't get the other suggestions to work.

cheers,

paulv
