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