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Subject: Re: Using [XYZ]TICKFORMAT for dynamic formatting

Posted by [Mark\[1\]](#) on Wed, 20 May 2009 23:40:54 GMT

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On May 20, 3:09 am, Paul van Delst <paul.vande...@noaa.gov> wrote:

> The problem is that I want the format in the "lowticks" function, the "f7.3", to be the  
> same as those automatically chosen by IDL in the plots where the xtickformat defaults.

You can pass a function to [XYZ]TICKFORMAT, and in this function you can do anything you want, including calling the IDL function `FORMAT_AXIS_VALUES`, which is the one that is called to format axis values (that figures).

Actually, not quite anything you want, because the function passed to [XYZ]TICKFORMAT function works on tick value at a time, so the number of decimal places is likely to vary. So where IDL would show...

1.0 1.5 2.0

...`FORMAT_AXIS_VALUES` would give

1 1.5 2

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