
Subject: Re: Plot with X-Axis ticks as string
Posted by [Paul Van Delst\[1\]](#) on Mon, 01 Feb 2016 16:31:51 GMT
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Actually, since you're using function graphics, have a look at the C() format codes:
http://www.exelisvis.com/docs/format_codes.html#files_283972_0996_2823814

But, again, I think label_date() is what you need.

For example in some of my code I do:

```
; Set up the date labeling  
date_label = LABEL_DATE(DATE_FORMAT='%D %M!C%Y')
```

and then

```
tp[i] = PLOT( date_time, timing[*], $  
    TITLE='Host : ' + host + '!C' + $  
    'CRTM root : ' + crtm_root + '!C' + $  
    'Sensor Id : ' + sensor_id + '!C' + $  
    'CRTM version : ' + crtm_version + '!C' + $  
    'Current Date : ' + SYSTIME(), $  
    XTITLE='Date', $  
    YTITLE='Run time (sec.)', $  
    XTICKFORMAT='LABEL_DATE', $  
    /XSTYLE, $  
    ...etc...
```

See the value for XTICKFORMAT?

cheers,

paulv

On 02/01/16 11:26, Paul van Delst wrote:

```
> Hello,  
>  
> Have a look at:  
>  
> http://www.exelisvis.com/docs/LABEL\_DATE.html  
>  
>  
> Also, playing around with user-defined functions for tick labeling might  
> be useful (although I think the above is what you need). See:  
>  
> http://www.exelisvis.com/docs/graphkeyw.html#graphkeyw\_32887\_78166\_370350  
>
```

```
> in particular the section titled: "The name of a user-defined function:"
>
> cheers,
>
> paulv
>
> On 01/31/16 04:44, Kai Heckel wrote:
>> Am Dienstag, 26. Januar 2016 13:58:30 UTC+1 schrieb Kai:
>>> Hello everyone!
>>>
>>> I'd like to plot monthly values of a parameter. The months go from
>>> April to November. How can I implement ticks at the x-axis which
>>> are simple strings, e.g. 'Apr', 'May' .....
>>>
>>> So I plotted something and I tried to add a fitted x-axis to the
>>> plot as follows:
>>>
>>> myplot_c1 = PLOT(parameters,
>>> NAME='Cluster',COLOR='red',XTEXT_COLOR='white', YSTYLE=2, XSTYLE=3,
>>> YTITLE='Parameter',MIN_VALUE=-1, MAX_VALUE=1,
>>> XTICKINTERVAL=1,YRANGE=[0.15,0.5])
>>>
>>> xax =
>>> AXIS('X',LOCATION=[0,0.15],TICKVALUES=['Mar','Apr','May','Jun','Jul','Aug','Sep','Oct'],
>>>
>>> MINOR=1, MAJOR=-1, TICKLEN=0.015,TICKFONT_SIZE=11,TICKINTERVAL=1)
>>>
>>> Somehow the monthly ticks just won't appear.
>>>
>>> Any suggestions?
>>>
>>> Cheers, Kai
>>
>> Does no one have any suggestions?
>>
>> Regards, Kai
>>
```
