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Subject: Re: Multiple xaxis labels

Posted by [wgallery](#) on Mon, 28 Jan 2008 17:59:04 GMT

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Brian,

Better yet, see the system variable !xtickformat:

"Set this keyword to a string or a vector of strings. The string can be a format string or a string containing the name of a function that returns a string to be used to format the axis tick mark labels. If a vector is provided, each string corresponds to a level of the axis. " (see idl help on !xtickformat for more information.)

You need to provide a function to format the labels for each level, then set:

```
!xtickformat=['label_funct_1', 'label_funct_2, ...]
```

This should do what you want.

Cheers,

Bill

On Jan 28, 12:15 pm, Bill Gallery <[wgall...@aer.com](mailto:wgall...@aer.com)> wrote:

> Brian,

>

> Check out the 'label\_date' function in idl help. That function allows  
> you to put multiple line date/time labels on plots (see the examples  
> at the end of the help page.) You may be able to tweak it to do what  
> you want.

>

> Cheers

>

> Bill Gallery

>

> On Jan 28, 12:04 pm, pgri...@gmail.com wrote:

>

>> You may try adding !C to the ticknames:

>

>> plot,[1,2,1],xtickname=["",'!C1']

>

>> Cheers,

>> Paolo

>

```
>> Brian Larsen wrote:
>>> IDLers,
>
>>> OK, so I have not found the good solution for making multiple labels
>>> on an axis. The example I am trying to emulate is:
>>> http://sprg.ssl.berkeley.edu/fast/sumplotProg/sumplotsLink/o rbit\_link...
>
>>> It seems that I cant figure out how to:
>>> - put them in the right place with xyouts
>>> - line them up nicely
>>> - make sure they are in the right place
>
>>> Has anyone done this with good success?
>
>>> I know how with separate axes like:http://www.dfanning.com/graphics\_tips/wavenumber.html
>>> but on the same axis has got me more boggled.
>
>>> Cheers,
>
>>> Brian
>
>>> -----
>>> Brian Larsen
>>> Boston University
>>> Center for Space Physics
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