
Subject: Re: overwriting x axis labels

Posted by [David Fanning](#) on Thu, 06 Jul 2006 21:04:02 GMT

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rita writes:

- > It seem that IDL always plots and labels the x axis as minumum to
- > maximum.
- > Is there a way to overwrite this?

I'd try:

- ```
Plot, data, xrange=[max(x), min(x)]
```
- >
  - > I am trying to contour some time dependent data
  - > Say I have a vector "time" and time =[ 12 24 0 6] representing hours
  - >
  - > IT seems that regardless of the order of the elements in TIME, IDL will
  - > draw the x axis from min(TIME) to max(TIME)

Humm. Are you sure you are talking about the X axis?  
Doesn't the independent data axis *\*always\** have to be  
a monotopicly increasing vector?

Sounds to me like IDL might be doing something reasonable,  
although I can't tell for sure without seeing your actual  
code.

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

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Subject: Re: overwriting x axis labels

Posted by [greg michael](#) on Thu, 06 Jul 2006 21:58:28 GMT

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Is this what you're looking for?

```
time=[12,24,0,6]
data=[12,43,65,4]
plot,indgen(n_elements(time)), data, xtickname=time
```

regards,

Greg

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Subject: Re: overwriting x axis labels

Posted by [greg michael](#) on Thu, 06 Jul 2006 22:01:11 GMT

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or this is a bit tidier:

```
plot, indgen(n_elements(time)), data, xtickname=strtrim(time,2)
```

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