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

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,

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)