
Subject: Re: label x axis

Posted by [David Fanning](#) on Wed, 03 Oct 2007 14:33:54 GMT

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queiny writes:

- > I have an hourly dataset for one year. The time is recorded as
- > 2004.xxxxx, where 'xxxxx' goes from 0 - 1, represent the portion of
- > that hour in the year. For example, 0.5 will be July 2, 00:00am (since
- > it is a leap year). But when this time is used as x axis, it is not
- > very clear when it is: 2004.2, 2004.4, etc. Is there a way to label
- > the x axis with Jan. 2004, April 2004, etc. And if I only plot the
- > data for one month, it can lable, July 1st, 11th, 21th, etc.
- >
- > Do I have to calculate them using 'xtickv', 'xtickn'? Or there are
- > some existing pro.

Why don't you write one and call it with XTICKFORMAT:

<http://www.dfanning.com/tips/exponents.html>

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: label x axis

Posted by [queiny](#) on Wed, 03 Oct 2007 14:55:08 GMT

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Thanks.

Then I have to calculate the location of the ticks since each month is not evenly distributed. I had thought there might be some existing pros for this kind of plot.

- > Why don't you write one and call it with XTICKFORMAT:
 - >
 - > <http://www.dfanning.com/tips/exponents.html>
 - >
 - > Cheers,
 - >
-

Subject: Re: label x axis

Posted by [David Fanning](#) on Wed, 03 Oct 2007 15:16:19 GMT

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queiny writes:

- > Then I have to calculate the location of the ticks since each month is
- > not evenly distributed.

The XTICKFORMAT function simply formats the tick annotation.

Where you put the annotations is completely up to you.

- > I had thought there might be some existing
- > pros for this kind of plot.

You give us too much credit for clairvoyance. :-)

Cheers,

David

--

David Fanning, Ph.D.

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