
Subject: Re: time axis labelling

Posted by [anil](#) on Mon, 26 Mar 2012 18:25:56 GMT

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On Mar 26, 6:19 pm, David Fanning <n...@idlcoyote.com> wrote:

> anil writes:

>> I have a contour plot (y axis is ocean depth, x axis is time and
>> temperature of the water column is contoured) in which i have 123
>> irregular time(data) points. I want to read in column data (which is
>> no problem) from a file :

>> 09 09 2002

>> 09 17 2002

>>

>>

>> 12 23 2005 etc... I want to read these columns as month, day ,year
>> seperately and then generate time labels for the x axis of my plot
>> such as : 09/09/2002 .

>

>> There is no regular spacing in between the dates, which is what i
>> could not figure out.

>> I want to have tickmarks on each date(data point), so my plot will be
>> easy to follow.

>

> I don't know if you have noticed, but that's a fairly

> long string you want to put on there for the date.

> If you have more than 5 dates on your plot, it's going
> to be hard to follow no matter what you do. :-)

>

> I'd recommend you suppress the tick annotations on your
> contour plot entirely, and then put the labels on with cgText,
> in a rotated fashion, so you have a chance of fitting them
> onto the plot in a way that is readable. You can see an
> example of how this is done with the labels in the
> discrete color bar program cgDCBar.

>

> You could even put small tick marks in the right
> locations with cgPlotS.

>

> Cheers,

>

> David

>

> --

> David Fanning, Ph.D.

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

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

Maybe I told the story missing or wrong. I understand your point which seems it will solve the problem. But I have to show all the tickmarks(one tick per each time/data) because later on i will put vertical dashed lines, so i can see my exact data/time points in the contour plot.I have to have all the ticks. Then have the dates as labels.
