Subject: Re: time axis labelling
Posted by anil on Mon, 26 Mar 2012 18:42:26 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.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:http://www.idlcoyote.com/
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

the xticks command does not allow me to have 100 ticks in an axis. but
i need to have a tick mark at each data point/date. Then i need to
add the dates as labels. but the problem is that i can not arrange the
tickmarks. any solution to this?