Subject: Re: Labeling the x-axis with a non standard time string Posted by lasse on Tue, 26 Feb 2008 13:11:48 GMT

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On 25 Feb, 18:41, clivecoo...@gmail.com wrote:

- > Hi,
- >
- > So i want to be able to label the x-axis with non-standard time array.
- > The x-axis values would look something like "021 12:20:00" for
- > example, where the first two numbers represent the number of days
- > since the experiment began. I need to be able to dynamically change
- > the plot so the x-axis labels will need to be updated on the fly. For
- > normal time data i use the label_date function however i can only
- > display the day as day of the month.
- >
- > Any ideas?
- >
- > Many thanks,
- >
- > Clive

Hi,

you can write your own labelling function which calculates a string (i.e. the label) from input data such as axis (x, y or z), index of tickmark and x value. You then set

xtickformat='my func'

See documentation here: http://idlastro.gsfc.nasa.gov/idl_html_help/Graphics_Keyword s.html#wp332347 or IDL documentation for (X|Y|Z)TICKFORMAT

Cheers

Lasse Clausen

Subject: Re: Labeling the x-axis with a non standard time string Posted by David Fanning on Tue, 26 Feb 2008 13:22:08 GMT View Forum Message <> Reply to Message

clivecook59@gmail.com writes:

- > So i want to be able to label the x-axis with non-standard time array.
- > The x-axis values would look something like "021 12:20:00" for
- > example, where the first two numbers represent the number of days
- > since the experiment began. I need to be able to dynamically change
- > the plot so the x-axis labels will need to be updated on the fly. For

- > normal time data i use the label_date function however i can only
- > display the day as day of the month.

>

> Any ideas?

I think you are probably going to have to roll your own here, but I should think it should be easy if you just call Label_Date from within your own routine.

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: Labeling the x-axis with a non standard time string Posted by Mark[1] on Tue, 26 Feb 2008 20:51:10 GMT View Forum Message <> Reply to Message

On Feb 27, 2:22 am, David Fanning <n...@dfanning.com> wrote:

- > I think you are probably going to have to roll your own
- > here, but I should think it should be easy if you just
- > call Label_Date from within your own routine.

Label_date is the spawn of the devil!

Subject: Re: Labeling the x-axis with a non standard time string Posted by David Fanning on Tue, 26 Feb 2008 21:09:04 GMT View Forum Message <> Reply to Message

Mark writes:

- > On Feb 27, 2:22 am, David Fanning <n...@dfanning.com> wrote:
- >> I think you are probably going to have to roll your own
- >> here, but I should think it should be easy if you just
- >> call Label_Date from within your own routine.

>

> Label_date is the spawn of the devil!

The evangelical Christian movement is taking over the entire country! I hadn't realized they had moved into software. :-(Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming (www.dfanning.com)

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