
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
