
Subject: Re: Longword plotting problems...
Posted by [R. Bauer](#) on Wed, 24 Jun 1998 07:00:00 GMT
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Damiano Zilio wrote:

```
> R. Bauer wrote:
>
>>>
>>> ; Example code
>>>
>>>     time=lindgen(10)+13254100
>>>
>>>     data=findgen(10)
>>>
>>>     plot,time,data
>>>
>>> ; Just to show that time should increase smoothly in the plot
>>>
>>>     print,time
>>
>> --
>> R.Bauer
>>
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>> Forschungszentrum Juelich
>> email: R.Bauer@fz-juelich.
>
> I don't know where is the problem...
> but making some tests I understood that the plot procedure become crazy
> when works with 8 digits long integer number (such as your dates).
> Now, you can easily avoid the "step line" problem with a translation of the
> x-axis origin,
> i.e.
>> xtrasl=min(time)
>> plot,time-xtrasl,data
> and then, if you want, you can define the "original" thick marks playing with
> the keywords:
> xtickv=[a],xtickn=[b],xticks=n
```

That's the way jsplot is working too. In addition the offset is stored in a common block. Because if you later on like to use cursor or xcursor you need the offset to show your data.

May be you want to show at your axes values formatted like a human readable date/time string format instead of axes values between 0 and 86400 (or more) this will be done by jsplot.

There are a lot of functions behind jsplot to handle date/time strings formats specially for changing into other formats.

--

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