Subject: Time axis labelling (1 major label every 7 days with 6 minor ticks)
Posted by Patrique on Mon, 19 May 2008 09:33:04 GMT

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Dear all,

I'm currently trying to figure out how to make IDL to draw a time axis
reaching from 14 Jan to 18 Feb 2008 (exactly 5 weeks) with major ticks
each 7 days and 6 minor ticks in between so that there is a tick label
each full week. I already tried a lot of different things, but nothing
really worked. In my IDL Version (6.4) even the spacing of the tick
marks varies along the x axis when running the example below.

Can someone of you give me any hint on how to manage this issue ?

```
pro test
;xaxis: start on 14 Jan, end on 18 Feb
time   = FINDGEN(36)+JULDAY(01,14,2008,00,00)
;yaxis values
Values = RANDOMN(seed,36)

;axis formatting
!X.TICKFORMAT = ['LABEL_DATE']
!X.TICKUNITS  =['Time']
dummy=LABEL_DATE(DATE_FORMAT = '%D.%N.%Y!C%H:%I')

;plotting
PLOT,time,values, XSTYLE=1, YSTYLE=1, XTICKS=5
end
```

Best regards and thanks for your help,
Patric.