
Subject: Re: Using TICKINTERVAL with LABEL_DATE in object_graphics

Posted by [natha](#) on Mon, 02 Feb 2009 22:55:11 GMT

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Look that (my xrange is in JULIAN units),

```
.....  
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,  
nticks=8.  
tickvalues=0  
label_format = LABEL_DATE( DATE_FORMAT = ['%H:%I'])  
interval_v=[1./3600.,1./1800.,5./3600.,1./360.,2./360.,3./360.,1./60.,  
$  
1./30.,1./12.,1./6.,.25,1./3.,.5,1,2,3,4,6,8,12,24]/24.  
nticks_real=(xrange[1]-xrange[0])/interval_v  
IF MAX(nticks_real) LT 2 THEN BEGIN  
tickinterval=0  
tickvalues=xrange  
ENDIF ELSE BEGIN  
difticks=nticks_real-nticks  
wwdif=WHERE(ABS(difticks) EQ MIN(ABS(difticks)))  
tickinterval=interval_v[wwdif]  
IF tickinterval LT 1./1440. THEN label_format = LABEL_DATE  
(DATE_FORMAT = ['%H:%I:%S'])  
ENDELSE
```

```
Axis->SetProperty, TICKFORMAT='LABEL_DATE', TICKUNITS='DAY',  
TICKINTERVAL=tickinterval, TICKVALUES=tickvalues, RANGE=xrange
```

```
.....  
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
```

cheers,

Bernat
