
Subject: How to plot with time as one axis ?

Posted by [Kolbjorn Bekkelund](#) on Sat, 18 Jan 2003 14:13:24 GMT

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I have an array in this format:

```
18122002 00.00 2452626.500049 12.742800 20.202000 167.380800 954.355800
68.730800 -3.564065
```

continuing down to:

```
18122002 23.59 2452627.499930 8.624700 12.121200 171.951600 955.973100
94.427600 -5.265564
```

The first field is the date, second is the time (hr.min), third is the julian for the two first and the rest is the actual data I would like to plot.

My problem is that if I do this:

```
plot, data(1,*) ,data(4,*), xstyle=1, /noerase, color=119, $
xrange=[0, 24]
```

I get a "chopped" plot at the end of each hour since I "miss" data between ex. 22.59 and 23.00. IDL would like me to have all the steps from 22.60 and up to 22.99 as well.

How can I tell IDL that I actually would like to have my xaxis in hours, and that in between the hours I would like to have 60 minutes and not tenths ?

Best regards,
Kolbjorn Bekkelund

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