
Subject: ticks/tickv/tickname bug?

Posted by [ljg](#) on Mon, 01 Aug 1994 19:47:13 GMT

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; I'm having trouble with our current version of IDL:
; IDL. Version 3.6.1a (sunos sparc).
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;
; I'm trying to label an image with tick marks at "nice" values of the
; x axis whose dimension is time. The following minimal example code
; illustrates the problem:
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```
trange = [0., 12. * 3600.] ; 12-hour plot, x is offset in seconds
xticks = 5 ; time intervals between major ticks
xtickv = findgen(6) * 2.0 * 3600.0 ; major tick every 2 hours
xtickv = xtickv + 1800.0 ; plot begins at 11:30, first tick at 12:00
xtickname = ['12','14','16','18','20','22'] ; hour of day
xminor = 4 ; minor tick every half hour
plot, trange, [0, 1], xstyle = 1, xticks = xticks, $
  xtickv = xtickv, xtickname = xtickname, xminor = xminor
```

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; The 12-hour plot is labelled as if it were 10 hours and
; the first major tick and label is placed at data value 0.0
; instead of at xtickv(0) which is 1800.0.
; I want labels for data ranging from 11:30 to 23:30, but get
; labels indicating 12:00 to 22:00.
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; Thanks for any help.
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