
Subject: suppression of time axis annotation
Posted by [btt](#) on Fri, 06 May 2005 14:05:42 GMT
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Hi,

I am trouble controlling axis annotations when I specify time based axes. Specifically, I am unable to suppress the time-based tickmarks by specifying the TICKNAME keyword. Does someone know a another method for suppressing tickmarks?

I have pasted in a simple example below that shows the trouble. In one window I get the tickintervals I desire but the annotationn I don't want. In the other I get the suppression I want, but not the tick interval.

Thanks and cheers,
ben

****START****

PRO ExamplePlot

```
n = 360
t = TIMEGEN(n, start = JULDAY(1,1,2005), STEP_SIZE = 7)
y1 = RandomN(seed, n)
y2 = RandomN(seed, n)

p1 = [0.1, 0.5, 0.9, 0.9]
p2 = [0.1, 0.1, 0.9, 0.5]
```

Window,/Free

```
PLOT, t, y1, $
  Title = "Ticks matched - "+ $
  "but don't want annotation in middle", $
  POSITION = p1, $
  XSTYLE = 1, $
  XTICKUNITS = ['Months', 'Years'], $
  XTICKINTERVAL = 4, $
  XMINOR = 4, $
  XTICKNAME = REPLICATE(' ', 30)
```

```
PLOT, t, y2, $
  NOERASE = 1, $
  POSITION = p2, $
  XSTYLE = 1, $
  XTICKUNITS = ['Months', 'Years'], $
  XTICKINTERVAL = 4, $
  XMINOR = 4
```

Window,/Free

```
PLOT, t, y1, $
  Title = "Ticks unmatched - " + $
    "but annotation is suppressed in middle", $
  POSITION = p1, $
  XSTYLE = 1, $
  XTICKNAME = REPLICATE(' ', 30)
PLOT, t, y2, $
  NOERASE = 1, $
  POSITION = p2, $
  XSTYLE = 1, $
  XTICKUNITS = ['Months', 'Years'], $
  XTICKINTERVAL = 4, $
  XMINOR = 4

END
```

```
****END*****
```
