
Subject: Re: TEXT Function

Posted by [Gray](#) on Thu, 09 Jun 2011 21:28:53 GMT

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On Jun 9, 9:41 am, Kim <kimh...@gmail.com> wrote:

```
> Hello,
> I am having trouble with the TEXT function when I put multiple plots
> on the same figure (in a FOR loop). In the following example, the
> text is written in the same location on the first plot instead of each
> subsequent plot. Any advice would be greatly appreciated.
> Thank you,
> Kim
>
> W = WINDOW(DIMENSIONS=[1024,1024])
> FOR N=0,3 DO BEGIN
>   Y = SIN((N+1)*FINDGEN(201)*!PI/25.0)
>   P = PLOT(Y,/CURRENT,LAYOUT=[1,4,N+1])
>   T = TEXT(0.18,0.94,'N = '+STRING(N+1),/NORMAL,TARGET=P)
> ENDFOR
```

The reason is that you're putting the text in with NORMAL coords set, so it's relative to the window. Everything is in the same window, so the normal coords don't change when you change plots. You'll need to change to DATA coords, I think, or figure out some algorithm to define your normal coord placement for each plot. Or do it by hand. :)
