
Subject: Re: TEXT Function

Posted by [Kim](#) on Fri, 10 Jun 2011 13:39:28 GMT

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On Jun 9, 5:28 pm, Gray <grayliketheco...@gmail.com> wrote:

> 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. :)

That makes sense. I thought if I specified TARGET=P that the coordinate set would be associated with the plot and not the window.

Thank you,

Kim
