
Subject: Re: TEXT Function

Posted by [David Fanning](#) on Thu, 09 Jun 2011 18:00:08 GMT

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Kim writes:

```
>
> 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
```

I have no idea how to do this with function graphics.

Here is how I would do it with Coyote Graphics.

```
;-----
cgWindow, WXSize=800, WYSize=800, WMULTI=[0,1,4]
FOR N=0,3 DO BEGIN
  Y = SIN((N+1)*FINDGEN(201)*!PI/25.0)
  cgWindow, 'Plot', y, /LOAD, COLOR=cgColor('black'), $
    BACKGROUND=cgColor('white')
  cgWindow, 'XYOUTS',!X.CRange[0]+10, !Y.CRange[1]-0.5,$
    'N = '+STRTrim(N,2), /LOAD, COLOR=cgColor('red')
ENDFOR
cgWindow, /EXECUTE
;-----
```

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thue. ("Perhaps thos speakest truth.")
