
Subject: Re: TEXT Function

Posted by [Gray](#) on Thu, 09 Jun 2011 21:27:18 GMT

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On Jun 9, 11:00 am, David Fanning <n...@dfanning.com> wrote:

> 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

>

> --

> 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.")

You would use XYOUTS and not CGTEXT??
