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.")
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You would use XYOUTS and not CGTEXT??