Subject: Re: Two NewGraphics weirdnesses
Posted by lecacheux.alain on Thu, 03 Jul 2014 22:01:07 GMT
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Le jeudi 3 juillet 2014 22:53:41 UTC+2, Fabien a écrit :
> Hi Alx,
>
>
>
> Thanks for your answer.
>
>
>
> It is still really not ok that an IDL built-in routine messes around
>
> with your variables:
>
>
>
> IDL> print, cols
>
> BLUE PURPLE RED ORANGE
>
> IDL> p2t = text([0.3,0.3,0.3, 0.3],[0.8,0.77,0.72,0.69], cols,$
>
> FONT_COLOR=cols)
>
> IDL> print, cols
>
> 0 0 0
>
> 0 0 0
>
> 0 0 0
>
> 0 0 0
>
>
>
> Cheers,
>
>
>
> Fabien
>
>
>
> On 03.07.2014 14:11, Fabien wrote:

>
>> Folks,
>
>>
>
>> do FONT_COLOR and SYM_COLOR accept arrays as input?
>
>>
>
>> And, regardless to the answer, can someone explain this to me:
>
>>
>
>>
>
>>
>
>> ; This creates the correct filled points but the text colors are erratic
>
>> p1 = plot(INDGEN(10))
>
>> p1t = text([0.3,0.3,0.3, 0.3],[0.8,0.77,0.72,0.69], ['BLUE', 'PURPLE',$
>
>> 'RED', 'ORANGE'], FONT_COLOR=['BLUE', 'PURPLE', 'RED', 'ORANGE'])
>
>> p1s = symbol([0.27,0.27,0.27, 0.27],[0.8,0.77,0.72,0.69], 'circle',
>
>> /SYM_FILLED, SYM_COLOR=['BLUE', 'PURPLE', 'RED', 'ORANGE'])
>
>>
>
>> ; This is just chaos
>
>> cols = ['BLUE', 'PURPLE', 'RED', 'ORANGE']
>
>> p2 = plot(INDGEN(10))
>
>> p2t = text([0.3,0.3,0.3, 0.3],[0.8,0.77,0.72,0.69], cols, FONT_COLOR=cols)
>
>> p2s = symbol([0.27,0.27,0.27, 0.27],[0.8,0.77,0.72,0.69], 'circle',
>
>> /SYM_FILLED, SYM_COLOR=cols)
>
>>
>
>>
>
>>
>
>> Thanks for shedding light on this for me!
>
>>

>
>>
>
>> Fabien
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>>
>
>>
>
>> IDL> print, !VERSION
>
>> { x86_64 linux unix linux 8.3 Nov 15 2013 64 64}

I agree. In spite of the fact that the documentation does not say that you can specify a multiple color, this looks like a (dangerous) bug.

```
IDL> pl=plot(/TEST)
IDL> toto = 'blue' & p2t = text([0.3,0.3,0.3, 0.3],[0.8,0.77,0.72,0.69], cols, FONT_COLOR=toto)
IDL> foreach t,p2t do print,t.font_color
  0   0 255
  0   0 255
  0   0 255
  0   0 255
IDL> p2t = text([0.3,0.3,0.3, 0.3],[0.8,0.77,0.72,0.69], cols, FONT_COLOR=cols)
IDL> foreach t,p2t do print,t.font_color
  0   0   0
  0   0   0
  0   0   0
  0   0   0
  0   0   0
  0   0   0
  0   0   0
  0   0   0
  0   0   0
  0   0   0
  0   0   0
  0   0   0
  0   0   0
  0   0   0
  0   0   0
  0   0   0
IDL> cols
  0   0   0
  0   0   0
  0   0   0
  0   0   0
```