
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
>
>>
>
>>
>
>> 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
  0  0  0
IDL> cols
  0  0  0
  0  0  0
  0  0  0
  0  0  0

```
