On Thursday, July 3, 2014 2:11:44 PM UTC+2, Fabien wrote:
> Folks,
>
>
>
> do FONT_COLOR and SYM_COLOR accept arrays as input?
>
>
>
> And, regardless to the answer, can someone explain this to me:
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>
>
> ; 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!
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> Fabien
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>
> IDL> print, !VERSION
>
> { x86_64 linux unix linux 8.3 Nov 15 2013   64   64}

The trick (and the inconsistency) is that multiple positions create multiple TEXT objects and only one single SYMBOL object.
The correct way seems to be (note the 'foreach' line):

```
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)
foreach t,p2t,i do  t.FONT_COLOR=cols[i]
p2s = symbol([0.27,0.27,0.27, 0.27],[0.8,0.77,0.72,0.69], 'circle', SYM_COLOR=cols,
SYM_FILLED=1)
```

You get the same inconsistency if you jointly use LABEL_STRING and LABEL_COLOR keywords in SYMBOL (in order to avoid the TEXT calling).

alx.