
Subject: set_character_size and XYOUTS

Posted by [Declan Vogt](#) on Tue, 29 Aug 2000 07:00:00 GMT

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Hi,

;I'm missing something. I am creating a plot area and setting a character

;size, using

```
window, xsize=400,ysize=720
device, set_character_size=[15,20]
!p.charsize=1.0
```

;then plotting some data in 3 graphs:

```
!p.multi=[0,1,3]
plot, findgen(100)
plot, findgen(100)
plot, findgen(100)
```

;then writing some text using XYOUTS:

```
xyouts, 0.5, 0.1, 'Hello', /normal
```

All my graphs look the way I want them to look, nicely scaled for the large plot area, with legible axes. But the text I am writing over the top is very much larger. XYOUTS takes charsize, but I find I have to set it to about 0.6 to get the text to be the same size, which I don't understand: surely if the character size is set, then XYOUTS should get its character size from that too?

All help very much appreciated,

Declan

(I'm using IDL 5.1 running under Windows NT4.0 on an 8 bit display, if that makes any difference)
