Subject: Re: String length when FONT=1
Posted by Andrew Cool on Thu, 31 Jan 2002 21:20:25 GMT
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Paul van Delst wrote:
>
> Hey there,
>
> Anyone know how to determine string length in normalised units when you're using truetype
> fonts?
>
> Currently I have:
>
> ch_size = CONVERT_COORD(!D.X_CH_SIZE, !D.Y_CH_SIZE, /DEVICE, /TO_NORMAL)
> x_ch_size = ch_size[0] * charsize
> x_length = STRLEN(my_string) * x_ch_size)
>
> which works great for the regular on-screen hershey type of fonts, but not for proportional
> fonts.
>
> any ideas? what I want to do is blank out the plot behind the text, e.g. like for legends etc.
>
> paulv

Hiya Paul,

Does the Width keyword to XYOUTS not help? e.g. :-

XYOUTS, x, y, string, WIDTH=thisWidth, CHARSIZE=-1

Charsize of -1 suppresses printing to the window, and the variable
thisWidth returns the width of the string in normalized coordinates.

Andrew

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Subject: Re: String length when FONT=1
Posted by Paul van Delst on Fri, 01 Feb 2002 19:27:29 GMT
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Andrew Cool wrote:
>
> Paul van Delst wrote:
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> Hiya Paul,
>
> Does the Width keyword to XYOUTS not help? e.g. :-
>
> XYOUTS, x, y, string, WIDTH=thisWidth, CHARSIZE=-1
>
> Charsize of -1 suppresses printing to the window, and the variable
> thisWidth returns the width of the string in normalized coordinates.

Hmm...this does not seem to work as advertised on my system.

IDL> print, !version
{ x86 linux unix 5.4.1 Jan 16 2001 32 32}

The following is what I get for the string lengths via the XYOUTS with font=1:

Level ppmv 0.0484790
ppmv->cd->corr.ppmv 0.0991605
corr-nocorr ppmv 0.0736377
corr-interp ppmv 0.0700989
nocorr-interp ppmv 0.0809504

oh so incorrect.

BTW, your code was downloaded uuencoded so I never saw it.

paulv

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