
Subject: Re: Default vector font size under X
Posted by [David Foster](#) on Tue, 08 Apr 1997 07:00:00 GMT
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R. Bauer wrote:

```
>
> Liam Gumley wrote:
>>
>> Try typing the following commands right after starting IDL under X:
>>
>> print,!d.x_ch_size,!d.y_ch_size
>> window,0
>> print,!d.x_ch_size,!d.y_ch_size
>>
>> On an SGI, I get
>> 6 9, followed by 12 12.
>>
>> In other words, the default vector font size is changed to a
>> platform-specific value after the first window is created. Why this
>> happens is a mystery to me - RSI support just says that it happens.
>>
>
> I posted this problem a few month ago, we had the same results
> transferring source from PC to RS6000. Or from one RS6000 to another.
>
```

The following is the contents of an "idl_startup" script I use on an SGI when porting code from a Sun (Solaris 2.X). Kind of the reverse of your problem, but it illustrates some methods to use to solve this kind of problem:

```
; Choose pseudo-color 8-bit visual
device, pseudo_color=8

; Select default backing-store method to be provided by IDL, as SGI
; X server does not seem to provide it
device, retain=2

; Change size of font so programs fit on-screen (IRIX 4.0 or later)
; Reference: sgi.doc document in $IDL_DIR/notes
WIDGET_CONTROL, $
    DEFAULT_FONT="-adobe-helvetica-bold-r-normal-*-14-100-*-*-*-*"

; Set default plotting font to same hardware font above
; (Create a pixmap window to avoid window creation upon
; calling DEVICE, FONT= ; then delete window)
window, xsize=5,ysize=5,/free,/pixmap
!p.font = 0 ; Use hardware font
```

```
device, FONT="-adobe-helvetica-bold-r-normal-*-10-100-*-*-*-*"  
wdelete      ; Delete window created
```

Hope someone finds this useful.

Dave

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David S. Foster      Univ. of California, San Diego  
Programmer/Analyst  Brain Image Analysis Laboratory  
foster@bials1.ucsd.edu  Department of Psychiatry  
(619) 622-5892      8950 Via La Jolla Drive, Suite 2200  
                    La Jolla, CA 92037  
                    [ UCSD Mail Code 0949 ]  
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