
Subject: Re: button sizing, sun vs sgi
Posted by [David Foster](#) on Thu, 05 Sep 1996 07:00:00 GMT
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Jeff Hall wrote:

>
> I have developed an application on a Sun/Solaris,
> but when I run it on an SGI the buttons and text
> in the buttons are too big.
>
> There is also a sizing problem on the PowerMac.
>
> How can I control the button & font size of the
> widgets on the different platforms?

Here are the changes I had to make when I ported our Solaris-happy IDL programs to an SGI machine:

The following are changes necessary when porting this software to a Silicon Graphics machine running IRIX 5.2 (put these commands in your idl_startup file):

```
; 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 this helps.

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David S. Foster      Univ. of California, San Diego

Programmer/Analyst    Brain Image Analysis Laboratory  
foster@bial1.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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