Subject: button sizing, sun vs sgi Posted by Jeff Hall on Tue, 03 Sep 1996 07:00:00 GMT

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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?

Subject: Re: button sizing, sun vs sgi Posted by Tim Patterson on Wed, 04 Sep 1996 07:00:00 GMT View Forum Message <> Reply to Message

Jeff Hall wrote:

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Sounds like something similar to the problem I was having with different machines having different resolution fonts. You can specify the font to be used for widgets (look in the docs for the exact method), but the trick is knowing which font point size to use.

My solution was:

The user can define a specified environment variable to be either 10,12 or 14. If this env. var. exists and has a sensible value, then that's the font size I use for the widgets.

If the variable isn't set up properly, then I check the value of !d.y_ch_size. If this is less than 10, then I set the font size to 12, otherwise I set it to 10. This appears to work and keep the widgets reasonably to a similar size on 100 dpi and 75 dpi font workstations.

Subject: Re: button sizing, sun vs sgi Posted by David Foster on Thu, 05 Sep 1996 07:00:00 GMT View Forum Message <> Reply to Message

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Jeff Hall wrote:
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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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