Subject: Re: Different Platforms
Posted by David Foster on Wed, 19 Nov 1997 08:00:00 GMT
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Neil Winrow wrote:
>
> Can anyone offer me any advice.
>
> I have written a number of widget programs, which are visually correct
> on my PC, however when they are run on the silicon graphics machines the
> layout starts to go terribly wrong. The character sizes are wrong, and
> the labelling carried out using the 'XYOUTS' call is all wrong. The
> whole window sizing falls down. The programs are going to be used on
> PC's, silicon graphics, and MAC's. Could anyone offer me a few pointers
> on how to correct these problems to run the programs on the different
> platforms.
>
> Many Thanks In Advance
>
> Neil.

When I needed to run IDL programs on an SGI that were
originally written on a Sun system, I had to make the following
modifications to the 'idl_startup' file on the SGI:

```
  ; 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
```

Of course this assumes that you have access to the IDL configuration
on the SGI. But this worked well for me.

Dave

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