ok I just wasted about 4 hours on the following problem on idlv5,
windows95 and pentium.

Basically, tvrd is not returning the image.  Here is a piece of code:

```
surfdata = shift(dist(20),10,10)
  surfdata = bytscl(exp(-(surfdata/5)^2))



  loadct,25 ;,ncolo=100
  shade_surf,surfdata,shades=surfdata
  clr_surf = tvrd()

  loadct,0
end
```

(some of you may recognize it as part of Struan's surface plotting
tutorial).

_depending_ on the color table loaded with LOADCT (I tried 6 and 25),
clr_surf contains a severely defficient image. Do a tv,clr_surf, and you
will get either only the axes drawn (for color table 25) or a surface
image but with colors that do not correspond to the original (for color
table 6)

If you look at the histogram of the image you will see that only few of
the 255 available values are used (two for color table 25 and several
for table 6).

I tried playing with device,decomposed=x, retaining done by IDL, but to
no avail. I also tried not using the top 20 colors (as this is used by
windows), but this did not help much.

Any clues?

Tia,


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