Subject: Re: Wave under X11R4
Posted by thompson on Thu, 13 Feb 1992 20:20:00 GMT
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In article <PH.92Feb13101317@vortex.ama.caltech.edu>, ph@vortex.ama.caltech.edu (Paul
Hardy) writes...
>
> ... when PV-Wave is
> run, upon exiting X-windows, color Sparcstations do not display any characters
> on the screen ...

I am using IDL with OpenLook, but I've seen the same behavior. The fix is to
call the routine "clear_colormap" immediately after exiting from X-windows. I
ensure this by running X-windows from inside a shell script with the following
line being "clear_colormap", i.e.

```
 #!/usr/bin/csh
 setenv IDL_DEVICE x
 setenv OPENWINHOME /usr/openwin
 $OPENWINHOME/bin/openwin -noauth $*
 clear_colormap
```

Bill Thompson

Subject: Re: Wave under X11R4
Posted by ian on Thu, 13 Feb 1992 21:18:02 GMT
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In article <PH.92Feb13101317@vortex.ama.caltech.edu> ph@vortex.ama.caltech.edu (Paul
Hardy) writes:
>
> run, upon exiting X-windows, color Sparcstations do not display any characters
> on the screen, either for input or output, but commands are accepted and
> executed. Somehow the tty or video is left in a strange state if PV-Wave
> runs. Has anyone else experienced this, and know of a workaround to reset
> the video/keyboard upon exiting X?

I have experienced this. What is happening is that Wave is changing the
colormap for the Sparc. The base Wave color table (B/W Linear) causes plots
to be white lines on a black background. Unfortunately, this translates to
white letters on a white background once you exit X.

Doing a "clear_colormap" command, or reinvoking X will fix it. Alternatively,
the last thing you can do before exiting Wave is to load a color table where
the top value is black. The "prism" color table, number 6 I think, will do.

|-Ian Novack (Particle Man)----------------------------ian@gomez.jpl.nasa.gov-|

| "Don't worry about it. Humans provide some very   Jet Propulsion Lab |
| important protein." -- Hobbes, to Calvin   Pasadena, CA |
|-Disclaimer: They might be fake, they might be lies. -- They Might Be Giants-|