Tech Info Library

MacX 1.2 and Motif Window Manager Problems (12/94)

Revised: 12/5/94
Security: Everyone

MacX 1.2 and Motif Window Manager Problems (12/94)

==

Article Created: 5 December 1994

TOPIC ---

In using MacX 1.2 with Motif Window Manager (mwm) and I'm having some problems,
which don't happen on other X display servers. I'm running Motif Window Manager
1.1.4 on SunOS 4.1.3. Most things are fine, however, I've noticed these three
anomalies:

1) Ghosting is not working. I get pixel numbers displayed, but I don't get
   an outline of a window as I move it. I set the showfeedback xresource
   to all, and many of the other features controlled by this xresource are
   working, but the window outline is not. I also checked that the ghost
   window is not mapped to the background color.

2) The window menu button in upper left (move, resize...), if I click once
   with the left mouse button, the menu usually stays up. In MacX, the
   menu goes away when I release the mouse button.

3) The window menu button, if double clicked, the menu window is usually
   killed, but in MacX it just flashes a couple of times.

Any ideas why these are behaving differently than my other X servers?

DISCUSSION --

We do not have access a Sparc workstation running SunOS 4.1.3, we tried to
locate one on campus. Therefore we tried duplicating your problem on a SparcLX
running Solaris v2.3, and olwm (Sun's OpenLook Windows Manager).

We tried several different scenarios, but we could not duplicate your reported
problem. We could get everything to work under Solaris v2.3, and we believe the
problem lies in the SunOS 4.1.3 based olwm (v1.1.4).

1) Steps we took to set up the Sun:

Please do not start "openwin" at the Sun,

```
sparclx%csh
sparclx%setenv OPENWINHOME /usr/openwin
sparclx%setenv LD_LIBRARY_PATH /usr/openwin/lib
```

2) Steps we took to set up MacX v1.2:

under "remote":

"edit remote command":

"remote command":

csh; setenv DISPLAY "®display"; /usr/openwin/bin/olwm -display
130.43.4.25:0.0

"color": color rooted

"output": pop up

3) Start executing "olwm", and "xterm" and some X applications.

4) We can see the window's outline when moving or resizing with xterm. We
   could close the "xterm" window by clicking on the upper-left-most
   corner.

We checked with MacX Engineering and were told that cases such as the one you
reported happen in SunOS based OpenLook Windows Manager not Solaris v2.x, but it
was hard to tell whether it's because of MacX or the olwm. Sometimes a
particular X-application can also cause similar problems.

The MacX Engineer also recommended the use of "twm" or some other third party
applications.

Also we tried the Motif Windows Manager (mwm) on HP/UX, and RS/6000 AIX v3.2.5,
and things worked exactly as they were supposed to. We did not experience the
problem you reported on these workstations.

Support Information Services

Copyright 1994, Apple Computer, Inc.

Tech Info Library Article Number:16838