Subject: Re: Backing store on VMS/MOTIF
Posted by thompson on Wed, 26 May 1993 13:47:47 GMT
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landsman@stars.gsfc.nasa.gov (Wayne Landsman (301)-286-3625) writes:

> This is a question mainly for VMS/Motif users although it might be worth
> hearing from other X-windows users.

> The IDL manual suggests that asking the window system to maintain backing
> store (RETAIN = 1) is more efficient than asking IDL to keep a backing store
> (RETAIN = 2).   It says that X windows may or may not be able to provide
> a backing store depending on the capabilities of the server.

> My VMS/Motif system appears able to maintain a backing store.   With RETAIN=1
> it will repair a previously obscured window.   The only problem is that
> TVRD does not appear to have direct access to the backing store.   Thus, the
> array returned by TVRD will contain zeros if there was any obscuration of the
> window.   In practice this problem occurs for me when blinking two windows
> -- the first step in the blinking procedure is to read the contents of the two windows into
> windows into IDL arrays.

> Can anyone get TVRD to work on VMS/MOTIF with RETAIN=1?   I know that this
> can be done with the X-windows system on our Sparcstations.

> Wayne Landsman   landsman@stars.gsfc.nasa.gov

That's funny--I have the same problem with TVRD and obscured windows on my
Sparcstation. Of course, I'm running OpenWindows 3.0 and I believe you're
running MIT's X-windows software. It may be that both DEC's and Sun's
implementation of X-windows are based on somewhat older versions of X11, and
that has something to do with this behavior. Of course, that's only a guess.

Bill Thompson