Subject: Backing store on VMS/MOTIF
Posted by landsman on Wed, 26 May 1993 06:35:00 GMT

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.

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