
Subject: Re: Student Edition & Object Graphics
Posted by [profxtjb](#) on Tue, 27 Jan 2004 01:14:00 GMT
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Randall Skelton <rhskeltonatatmoxacuk@nospam.org> wrote in message
news:<Pine.LNX.4.44.0401211417120.18555-100000@moriarty.atm.ox.ac.uk>...

> Greetings all,

>

> I've largely moved away from using IDL for anything other than graphics,

Regarding the issue here with Randall's question:

There is a discussion going on in the mac-x11 news group about IDL
graphics and X11 backing store. You can look through its archive at
<http://www.lists.apple.com/mailman/listinfo/x11-users>

A slice of the discussion:

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We've gotten a bug report for CodeTek VirtualDesktop Pro 3.0 and X11,
and I actually noticed that it was a general problem with the use of
backing store for a window and X11.app. We have customers that use
IDL, which requires a backing store for some of its plotting windows,
and when those windows are unmapped and then remapped, the window will
come back completely black. Because we unmap & remap windows when you
change virtual desktops, this problem occurs quite often, BUT if you
minimize the window and then unminimize it (which I assume will also
unmap & remap the window, respectively) the same problem occurs.
Therefore, I wonder:

- 1) Is XFree86/X11.app not handling backing store properly or
- 2) Is there some X function/notification that I need to send to have
these windows restored properly?

When I use xdpinfo, I notice that it says that the backing store is
turned off by default in X11. Research in the archives of the mailing
list shows that you can't turn it on via config because there is no
config file for rootless X servers. I tried setting the .xserverrc
file to have:

```
X -quartz -nolisten tcp +bs
```

but that was apparently ignored. Other posts seemed to imply that
backing store was on, or that X11.app was using a backing store for
all windows regardless. Is there any way to turn on the backing store
for the X server, or otherwise get these windows to map back in with
their contents and X11.app?
