
Subject: Re: WINDOW procedure and SET_X_BID keyword
Posted by [David Fanning](#) on Tue, 18 Jan 2005 16:48:12 GMT
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Rob writes:

> I've been allocating my own Pixmaps (in a C program) and using IDL's
> WINDOW procedure to draw into that Pixmap
> (WINDOW, /FREE, /PIXMAP, /SET_X_BID=####). That works pretty well, but
> in some circumstances I've seen BadPixmap X Errors come out of the IDL
> process.
>
> Now clearly this situation is begging for me to have some timing issues
>
> - I am using XFlush() and IDL's "EMPTY" procedure in an attempt to keep
>
> the two X Displays from getting out of sync.
>
> If I remove my call to WDELETE, I believe I never have this issue.
> However, this appears to leak memory on the X Server (my processes run
> for a long time).
>
> Anyway there is no documentation about this keyword. Does anybody have
> any insight into this issue? I am having a devil of a time reproducing
> this problem also, so I'm thinking it's a timing issue.

I'm pretty sure I have the only piece of documentation extant
on this topic. I see it is dated 20 July 1992! Oddly enough,
I was cleaning out some files just last night, looking for
something else, when I found it again. I nearly threw it out,
but kept it for old-times sake. You never know... :-)

Anyway, there is a warning in this piece of documentation to
not use WDELETE to delete windows created in this way or X
protocol errors will result. Your X application will have
to kill these kinds of windows.

Cheers,

David

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