
Subject: Problem with modal widgets

Posted by [David Foster](#) on Thu, 15 May 1997 07:00:00 GMT

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This will either be a good puzzle, or a stupid question. Enough said.

I want to "truly center" a modal widget in the center of the screen, meaning that you have to take into account the size of the widget itself. Prior to IDL 5.0 I could do this by:

- * create widget
- * unmap widget
- * realize widget
- * use WIDGET_CONTROL, wid, TLB_GET_SIZE to get the size of the widget, and calculate position accordingly
- * use WIDGET_CONTROL, wid, TLB_SET_[XY]OFFSET to position widget
- * map the widget

Now, with IDL 5.0, and after I obediently put the /MODAL keyword in the WIDGET_BASE() call that creates the TLB instead of in the call to XMANAGER(), I get a widget that displays once, then repositions itself. This looks dorky, and I just can't have dorky programs!

The problem is that in IDL 5.0 you cannot map/unmap "real" modal widgets (look at XMANAGER.PRO code and you'll see what I mean by "real", as opposed to "fake" modal widgets created by using XMANAGER, /MODAL).

And since you have to realize the widget before you can get the size of it, I don't see a way around this problem. I could just leave the MODAL keyword in XMANAGER, but then you get that error message about an obsolete keyword, and our users will think I'm lazy or something.

Thanks. -Dave

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