
Subject: Re: X-windows locking up
Posted by [Jeff Guerber](#) on Wed, 16 Oct 2002 02:13:04 GMT
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On Tue, 15 Oct 2002, Ian Dean wrote:

```
> [...]
> For instance, the following code:
>
> Pro my_test
>   tlb = widget_base(column=1)
>   message=widget_label(tlb,value='A header')
>   my_base = widget_base(tlb, column=1)
>   widget_control,my_base,sensitive=0 ; Don't allow the user access yet
>   base2 = widget_base(my_base, row=1)
>   pulld2 = widget_droplist(base2, value=['aaa','bbb'])
>   base3 = widget_base(my_base, row=1)
>   pulld3 = widget_droplist(base2, value=['ccc','ddd'])
> ; ... more such bases and widgets
> widget_control, tlb,/realize
> wait,5.0    ; Do some processing
> widget_control,my_base,/sensitive ; Now make structure available
> ;~~~~~ this is the point when the system hangs
> end
>
> When I run the above under OpenVMS 7.1 and IDL 5.4 and the drop-down
> list is originally unavailable as expected. However, when my_base is made
> sensitive
> the droplist widget is enabled, but all the selections available
> ('aaa','bbb'...) are greyed out. Furthermore, at this point the X-system
> locks up. I can no longer size the screen, close it, minimise it.
> All I can do is reboot - not exactly desirable.
> [...]
```

I can confirm that this also occurs with IDL 5.5 on HP-UX (!version = { hp_pa hp-ux unix hp-ux 5.5 Aug 28 2001 32 64}), displaying on a Hummingbird Exceed 7.0.0 x-server running on Windows 2000 Pro. I _was_, however, able to type "exit" at the IDL> prompt.

I noticed that my_test doesn't have an event handler, so I tried it with an appropriate xmanager call (first just before the end statement, then just after the widget_control,/realize) and a simple handler, but it didn't help. The first time, I neglected the /no_block keyword, it completely locked up the terminal window... not even ^C worked... and I had to kill the IDL process from another terminal window, but the second time, with /no_block, I did still have the IDL command line. There was no indication that the handler was ever entered (it would have printed out a

message). Good luck!

Jeff Guerber

P.S. Our newsserver received both versions of your posting, so the first one wasn't lost after all.
