Subject: Re: X-windows locking up
Posted by R.Bauer on Wed, 16 Oct 2002 12:08:28 GMT
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Dear Ian,

it's already posted but it's fine to see others do more tests on
different systems.

I believe nearly the same was asked by Claudia Herklotz at 09.10.2002
with the subject "droplist doesn't work under linux"

regards

Reimar

Ian Dean wrote:
> Hi all,
> Sorry if this has already been posted - the original seems to have
> disappeared.
>
> This request is really for the VMS users out there.!!!!!
>
> Is there a known bug using the sensitive flag on a widget base under
> OpenVMS?
>
> What I want is a widget structure that has greyed out areas until some later
> stage when I need them to be made available. It is at this point the failure
> occurs.
>
> 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.
>
> Note: this only happens if the droplist is in a base below the insensitive
> base.
>
> Further investigation indicates that the software is expecting me to make a
> selection, but this is not possible because they are greyed out. Hence the
> systems is stuck on waiting for an event that can never occur.
>
> I believe this is only a problem with VMS, as the same code runs as expected
> on NT
>
> I CAN work round it by not making my_base insensitive, but all the lower
> widgets insensitive. However, in the real code, there is a large structure
> of widgets (base,buttons,pull-downs,etc) under this base, and in order to
> make them sensitive, I'd need to set each widget to sensitive individually -
> messy and time consuming.
>
> I would be grateful for any suggestions.
> Regards,
> Ian
>
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Reimar Bauer

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      a IDL library at ForschungsZentrum Juelich
  http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro. html

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