
Subject: X-windows locking me out
Posted by [Ian Dean](#) on Tue, 15 Oct 2002 08:41:49 GMT
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Hi,
This is aimed at the VMS community out there!!!!

Is there a known bug using the sensitive=0 flag on a widget base under OpenVMS?

For instance, the following code:

```
Pro my_test
  tlb = widget_base(column=1)
  my_base = widget_base(tlb, column=1, sensitive=0)
  base2 = widget_base(my_base, row=1)
  pulld = widget_droplist(base2, value=['aaa','bbb'])
widget_control, tlb,/realize
widget_control,my_base,/sensitive
end
```

When I run the above under OpenVMS 7.1 and IDL 5.4 and select the drop-down list, each item is shown insensitive(greyed out). Surely this should be sensitive (as per the penultimate line). 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.

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

Subject: sec : U Re: X-windows locking me out
Posted by [Andrew Cool](#) on Tue, 15 Oct 2002 22:40:41 GMT

Ian Dean wrote:

```
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> make them sensitive, I'd need to set each widget to sensitive individually -
> messy and time consuming.
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> I would be grateful for any suggestions.
>
> Regards,
>   Ian
```

Hi Ian,

I just tried your code with IDL v5.4 under OpenVMS 7.3

And BOY!! Does it ever hang the terminal!!! That's quite a bug
you've found.

I think you'd better learn to Love the Workaround on this one.

Andrew

Andrew D. Cool .->-.
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