
Subject: Re: insensitive WIDGET_DROPLIST causes major freeze
Posted by [R.Bauer](#) on Mon, 28 Apr 2003 22:36:26 GMT
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Dear M. (what does M. stand for)

I have tried it but it works.

Here is my example. where is it different to yours.

```
PRO test_event,ev
  cmd=WIDGET_INFO(ev.id,/uname)

  CASE cmd[0] OF
    'SWITCH': $
WIDGET_CONTROL,WIDGET_INFO(ev.top,find_by_uname='ROW1'),/sensitive
    'QUIT':WIDGET_CONTROL,ev.top,/destroy
    ELSE:
  ENDCASE
END

PRO test
  tlb=WIDGET_BASE(col=3)
  row1=WIDGET_BASE(tlb,sensitive=0,uname='ROW1')
  st = ['A','B','C','D']
  filterID = WIDGET_DROPLIST(row1, VALUE=st, UVALUE='dont_bug_me')
  button=WIDGET_BUTTON(tlb,value='SWITCH',uname='SWITCH')
  quit=WIDGET_BUTTON(tlb,value='QUIT',uname='QUIT')
  WIDGET_CONTROL,/realize,tlb
  XMANAGER,'test',tlb
END
```

I have tested on suSE 8.2 (KDE3.1 and the newest X-Server)

```
help,!version,/str
** Structure !VERSION, 8 tags, length=76, data length=76:
  ARCH      STRING  'x86'
  OS        STRING  'linux'
  OS_FAMILY  STRING  'unix'
  OS_NAME    STRING  'linux'
  RELEASE    STRING  '5.6'
  BUILD_DATE  STRING  'Oct 26 2002'
  MEMORY_BITS  INT      32
  FILE_OFFSET_BITS
    INT      64
```

regards

Reimar

M. Katz wrote:

```
> I just alerted RSInc about this, but I thought I'd share it with the
> list.
>
> I found a multi-platform widget_droplist bug. I know droplist has been
> deprecated in favor of the combobox, but I'm still using droplist in
> some places. So far this bug has caused problems on Red Hat Linux
> (7.1?) and Mac OS X 10.2.5 running X11 beta 3.
>
> Here's the bug.
>
> Create a widget_droplist with a command like this.
>
> st = ['A','B','C','D']
> filterID = widget_droplist(row1, VALUE=st, UVALUE='dont_bug_me')
>
> This is important: the widget_base that contains row1 is created with
> SENSITIVE=0 to begin with.
>
> Now, in response to a separate event, the base is made SENSITIVE with
> a widget_control command to the base.
>
> I click on the droplist, and it pops up with all of the options
> grayed-out. The mouse cursor turns to a up-and-to-the-right-facing
> arrow, and the entire X session locks up except for mouse motion.
>
> On Linux the whole session is completely frozen, all windows are
> unresponsive. I had to log-in remotely to kill IDL.
>
> On Mac OS X 10.2.5, the same thing happens, all of X was frozen with
> the droplist open and the right-facing arrow showing. But since X11
> runs as an application, I just opened a terminal window and killed the
> job from the command line; the rest of the OS kept humming along (mp3s
> didn't skip a beat :P )
>
> Anyone else see this kind of behavior?
```

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