
Subject: Problems realizing menu changes under IDL 5.5 on Solaris

Posted by [Phillip David](#) on Thu, 15 Aug 2002 19:30:18 GMT

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Hi all;

I am having a new problem with an old code that runs on a Solaris box. The code adds menu items when the user selects certain functions, then selects the new button by sending a fake selection event to it using `Widget_Control, send_event`. However, when I attempt to run this code under IDL 5.5, I'm getting a warning message about the menu being unrealized.

For the sake of brevity, I've stripped it down to the following example. When I test my code, I select "Add a button" from the "Test" menu, then select the "Am I realized?" button from the same menu. When I run it on a PC using either IDL 5.4 or 5.5, I get the message "I AM realized". Under Solaris v5.4, I also get "I AM realized". but under IDL 5.5, I get "I am NOT realized".

Does anyone have any idea WHY I get the message I do, and WHAT I can do about it?

Thanks,
Phillip David

```
pro testQuit, event
  Widget_Control, event.top, /Destroy
end ; pro testQuit

pro testAdd, event
  parent = Widget_Info(event.id, /parent)
  new = Widget_Button(parent, Value='Am I realized?',
event_pro='testRealized')
end ; pro testAdd

pro testRealized, event
  if Widget_Info(event.id, /Realized) then begin
    print, 'I AM realized'
  endif else begin
    print, 'I am NOT realized'
  endelse
end ; pro testRealized

pro test
  tlb = Widget_Base(scr_xsize=200, scr_ysize=100, mbar=menubar,
title='Menu Test')
  fileMenu = Widget_Button(menubar, value='File', /menu)
```

```
quitItem = Widget_Button(fileMenu, value='Quit',
event_pro='testQuit')
testMenu = Widget_Button(menuubar, value='Test', /menu
addItem = Widget_Button(testMenu, value='Add a button',
event_pro='testAdd')
Widget_Control, tlb, /realize
XManager, 'Test', tlb
end ; pro test
```
