
Subject: Radio Buttons OnButtonPress Bug

Posted by [lostinphase](#) on Sun, 28 Nov 2004 21:11:00 GMT

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Has anyone else encountered this?

With a set of 2 or more radio buttons, each assigned the same procedure for OnButtonPress, when you select one of them the procedure is run twice.

Note... when you select one of them for the first time (when none of them are selected and you click one for the first time) it only runs the procedure once, but then whenever a new button is selected, the procedure is run twice.

This seems to be a bug in IDL's code execution.

Try it out for yourself, though, and let me know what you think. Here's an example program and eventcb file:

radiobttntest.pro:

```
-----  
;  
; IDL Widget Interface Procedures. This Code is automatically  
; generated and should not be modified.  
;  
; Generated on: 11/28/2004 15:56.44  
;  
pro WID_BASE_0_event, Event  
  
    wTarget = (widget_info(Event.id,/NAME) eq 'TREE' ? $  
                widget_info(Event.id, /tree_root) : event.id)  
  
    wWidget = Event.top  
  
    case wTarget of  
  
        Widget_Info(wWidget, FIND_BY_UNAME='wRadioBttn1'): begin  
            if( Tag_Names(Event, /STRUCTURE_NAME) eq 'WIDGET_BUTTON' )then $  
                RadioPress, Event  
        end  
        Widget_Info(wWidget, FIND_BY_UNAME='wRadioBttn2'): begin  
            if( Tag_Names(Event, /STRUCTURE_NAME) eq 'WIDGET_BUTTON' )then $  
                RadioPress, Event  
        end
```

```

Widget_Info(wWidget, FIND_BY_UNAME='wRadioBtn3'): begin
  if( Tag_Names(Event, /STRUCTURE_NAME) eq 'WIDGET_BUTTON' )then $
    RadioPress, Event
  end
  else:
endcase

end

pro WID_BASE_0, GROUP_LEADER=wGroup, _EXTRA=_VWBExtra_

  Resolve_Routine, 'radiobttntest_eventcb',/COMPILE_FULL_FILE ; Load
event callback routines

  WID_BASE_0 = Widget_Base( GROUP_LEADER=wGroup, UNAME='WID_BASE_0' $
    ,XOFFSET=5 ,YOFFSET=5 ,SCR_XSIZE=300 ,SCR_YSIZE=200 $
    ,TITLE='IDL' ,SPACE=3 ,XPAD=3 ,YPAD=3)

  WID_BASE_1 = Widget_Base(WID_BASE_0, UNAME='WID_BASE_1' ,XOFFSET=30
$
    ,YOFFSET=55 ,TITLE='IDL' ,ROW=1 ,/EXCLUSIVE)

  wRadioBtn1 = Widget_Button(WID_BASE_1, UNAME='wRadioBtn1' $
    ,/ALIGN_LEFT ,VALUE='Button1')

  wRadioBtn2 = Widget_Button(WID_BASE_1, UNAME='wRadioBtn2' $
    ,/ALIGN_LEFT ,VALUE='Button2')

  wRadioBtn3 = Widget_Button(WID_BASE_1, UNAME='wRadioBtn3' $
    ,/ALIGN_LEFT ,VALUE='Button3')

  Widget_Control, /REALIZE, WID_BASE_0

  XManager, 'WID_BASE_0', WID_BASE_0, /NO_BLOCK

end
;
; Empty stub procedure used for autoloading.
;
pro radiobttntest, GROUP_LEADER=wGroup, _EXTRA=_VWBExtra_
  WID_BASE_0, GROUP_LEADER=wGroup, _EXTRA=_VWBExtra_
end

```

radiobttntest_eventcb.pro:

pro RadioPress, Event

 print, "hello"

end

;

; Empty stub procedure used for autoloading.

;

pro radiobttntest_eventcb

end

-Mike