
Subject: Radio Buttons OnButtonPress Bug
Posted by [lostinthphase](#) 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='wRadioBtn1'): begin
    if( Tag_Names(Event, /STRUCTURE_NAME) eq 'WIDGET_BUTTON' )then $
      RadioPress, Event
  end
  Widget_Info(wWidget, FIND_BY_UNAME='wRadioBtn2'): 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
