
Subject: Re: processing widget events from multiple hierarchies
Posted by [Rick Baer](#) on Wed, 22 Aug 2001 18:15:38 GMT

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; Code fragment illustrating problems with event_pro specification.
; Events go to XWidTest_event(), not XWidTest_Param(),
XWidTest_ParamAccept(), XWidTest_Param2().

||||||||||||||||||||||||||||||||||||||
;/// modal dialog ///

pro XWidTest_Action3, event

 widget_control, event.top, Get_UValue=info, /No_Copy

; If this widget already exists, then don't duplicate it
if (NOT widget_info(info.baseAID, /valid_id)) then begin
 info.baseAID = widget_base(column = 1, title = 'parameters')

 baseA1ID = widget_base(info.baseAID, column = 2)
 labelA1ID = widget_label(baseA1ID, value = "parameter 1")
 editA1ID = widget_text(baseA1ID, value="edit 1", uvalue = "PARAM1",
/EDITABLE, event_pro = XWidTest_Param)

; other base/label/text commands omitted for clarity

 buttonAID = widget_button(info.baseAID, value="accept", event_pro =
XWidTest_ParamAccept)

 widget_control, info.baseAID, /realize
endif ; (widget already exists test)

 xmanager, 'XWidTest', info.baseAID, /NO_BLOCK, event_handler =
XWidTest_Param2

; restore the user data handle
 widget_control, event.top, Set_UValue=info, /NO_COPY

end

||||||||||||||||||||||||||||||||||
;/// main program ///

pro XWidTest

 base1ID = widget_base(column = 1, title = 'base 1')
 menuID = WIDGET_BUTTON(base1ID, VALUE='Test', /MENU)
 action3ID=WIDGET_BUTTON(menuID, VALUE='pop-up dialog', \$

```
UVALUE='ACTION3', EVENT_PRO="XWidTest_Action3")  
  
widget_control, base1ID, /realize  
  
; place holder for dialog widget  
baseAID = -1L  
  
; pass pointer to window data  
info = {baseAID:baseAID}  
widget_control, base1ID, set_uvalue=info, /NO_COPY  
  
xmanager, 'XWidTest', base1ID, /NO_BLOCK  
  
end
```
