
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
```
