
Subject: Re: Linking buttons to plot windows
Posted by [Clive Cook](#) on Mon, 20 Dec 2004 19:50:40 GMT
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Thanks David, i'm pretty new to widget programming so i am not really sure what to do. This is an example of the code that the GUIbuilder generates. I assume that the first part of the code (WID_BASE_0_event) handles the events, so when i press wid_button_1 the function contour1 is called. As i mentioned before this plots in the last area designated for plots (wid_draw_1). How can i specifically plot it in the first area (wid_draw_0)?

many thanks

Clive Cook

```
;  
;  
; IDL Widget Interface Procedures. This Code is automatically  
; generated and should not be modified.  
  
;  
; Generated on: 12/20/2004 14:15.45  
;  
pro WID_BASE_0_event, Event  
  
    wWidget = Event.top  
  
    case Event.id of  
  
        Widget_Info(wWidget, FIND_BY_UNAME='wid_button_0'): begin  
            if( Tag_Names(Event, /STRUCTURE_NAME) eq 'WIDGET_BUTTON' )then $  
                contour1, Event  
            end  
        Widget_Info(wWidget, FIND_BY_UNAME='WID_BUTTON_1'): begin  
            if( Tag_Names(Event, /STRUCTURE_NAME) eq 'WIDGET_BUTTON' )then $  
                contour2, Event  
            end  
        else:  
    endcase  
  
end  
  
pro WID_BASE_0, GROUP_LEADER=wGroup, _EXTRA=_VWBExtra_  
  
    Resolve_Routine, 'phoenix_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=800 ,SCR_YSIZE=600 $
```

```
,TITLE='Phoenix Software V1.0' ,SPACE=3 ,XPAD=3 ,YPAD=3)
```

```
WID_DRAW_0 = Widget_Draw(WID_BASE_0, UNAME='WID_DRAW_0' ,XOFFSET=39 $  
 ,YOFFSET=70 ,SCR_XSIZE=691 ,SCR_YSIZE=192)
```

```
WID_TEXT_0 = Widget_Text(WID_BASE_0, UNAME='WID_TEXT_0' ,XOFFSET=39 $  
 ,YOFFSET=21 ,SCR_XSIZE=101 ,SCR_YSIZE=18 ,/ALL_EVENTS ,VALUE=[ $  
 'Channel 1 - 532 nm', " ] ,XSIZE=20 ,YSIZE=1)
```

```
WID_BUTTON_0 = Widget_Button(WID_BASE_0, UNAME='wid_button_0' $  
 ,XOFFSET=175 ,YOFFSET=20 ,SCR_XSIZE=111 ,SCR_YSIZE=20 $  
 ,/ALIGN_CENTER ,VALUE='Plot Channel 1')
```

```
WID_DRAW_1 = Widget_Draw(WID_BASE_0, UNAME='WID_DRAW_1' ,XOFFSET=39 $  
 ,YOFFSET=333 ,SCR_XSIZE=697 ,SCR_YSIZE=189)
```

```
WID_BUTTON_1 = Widget_Button(WID_BASE_0, UNAME='WID_BUTTON_1' $  
 ,XOFFSET=182 ,YOFFSET=306 ,SCR_XSIZE=111 ,SCR_YSIZE=18 $  
 ,/ALIGN_CENTER ,VALUE='Plot Channel 2')
```

```
Widget_Control, /REALIZE, WID_BASE_0
```

```
XManager, 'WID_BASE_0', WID_BASE_0, /NO_BLOCK
```

```
end
```

```
;
```

```
; Empty stub procedure used for autoloading.
```

```
;
```

```
pro phoenix, GROUP_LEADER=wGroup, _EXTRA=_VWBExtra_  
 WID_BASE_0, GROUP_LEADER=wGroup, _EXTRA=_VWBExtra_
```

```
end
```