
Subject: Widget Communication

Posted by [prahladvkumar](#) on Thu, 12 Apr 2007 11:24:33 GMT

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Dear David,

I am very new to IDL programming. Here is the code that i had written very recently.

Please look to this. The problem I am facing with this program is--- as and when i click on "Upper" button I am getting the output in upper case but if I click on the "Upper" again I am getting one more base.If I click for 10 times I am getting 10 basesbut I want the output in one base only even if I change the text in the box or even I click the button n times.

```
pro widget_linking_pointers_event,ev

widget_control,ev.top,get_uvalue = pstate
widget_control,ev.id,get_uvalue = uval

case uval of
'Lower' : begin
    print,'hello'
    widget_control>(*pstate).text, get_value = name
    base1 = widget_base()
    text1 = widget_text(base1)
    widget_control,base1,/realize
    widget_control,text1, set_value = name
end

'Upper' : begin
    widget_control>(*pstate).text,get_value = name
    base2 = widget_base()
    text2 = widget_text(base2)
    widget_control,base2,/realize,/no_copy
    widget_control,text2,set_value = strupcase(name)
end

endcase
end

pro widget_linking_pointers

base = widget_base(/row)
button1 = widget_button(base,value = 'Lower',uvalue = 'Lower')
button2 = widget_button(base,value = 'Upper',uvalue = 'Upper')
```

```
text = widget_text(base,/editable,uvalue = 'Convert')
```

```
widget_control,base,/realize,/no_copy  
widget_control,text,get_uvalue = name  
state = {text:text,name:name}  
pstate = ptr_new(state)  
print,pstate  
widget_control,base,set_uvalue = pstate  
xmanager,'widget_linking_pointers',base
```

end

Please do the needful

Regards,
Bujji
