
Subject: Simple Widget Programme - Help

Posted by [Karthikayan Balakrish](#) on Wed, 02 Apr 2003 20:03:03 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hello All,

I have some experience with writing IDL Programmes and I want to start using widgets now. I read the examples that come with the IDL manual and tried my hand at one example where I would display a picture and rotate it by the value set by a slider. However this example does not work. Can anyone fix my small programme (with comments perhaps) so that I can load either file 1 or 2 and display it after proper rotation. Here is the code I was playing with:

```
PRO QuitProgramme,event
    widget_control,event.top,/DESTROY
    return
end

PRO Display1,event
    READ_PPM,'flowers.pgm',array
    tvscl,array
    return
end

PRO Display2,event
    READ_PPM,'boy.pgm',array
    tvscl,array
    return
end

PRO FindAngle,event
    widget_control,event.top,get_uvalue=info
    print,'#####',event.value
    return
end

PRO slider_event,event
    widget_control, ev.id, GET_UVALUE=uval
    case uval of
        'File1' : begin READ_PPM,'flowers.pgm',array
                    tvscl,array
                    end
        'File2' : begin READ_PPM,'boy.pgm',array
                    tvscl,array
                    end
        'Quit'  : begin Widget_Control,ev.top,/DESTROY
                    end
    ENDCASE
```

END

PRO slider

```
base = Widget_Base(Title='28 March 2003',MBAR=menubar,/Column)
menu1 = Widget_Button(menubar,Value='File List',/Menu)
;Create the Menu Items
button1 = Widget_Button(Menu1,Value='File 1',Event_pro='Display1')
button2 = Widget_Button(Menu1,Value='File 2',Event_pro='Display2')
button3 = Widget_Button(Menu1,Value='Quit' ,Event_pro='QuitProgramme')

rot_gp = Widget_Slider(base,max=180,min=0,value=45,Event_pro='FindAngle')
draw = Widget_Draw(base,Xsize=256,Ysize=256)

;The text box to show the degrees rotated.
text_box= Widget_text(base,xsize=10)

;make the structure
;READ_PPM,'flowers.pgm',array
;pic = Ptr_new(array)
;info = { pic:pic, $ ;the picture
;        rot_gp:rot_gp } ;the rotation in degrees

Widget_Control, /REALIZE, base
Widget_Control,draw,GET_VALUE=index
WSET,index
Widget_Control, base;, SET_UVALUE=info
XMANAGER,'widget28Mar2003',base
```

END

Thanks in advance,
Karthik.
