
Subject: widget confusion

Posted by [rogass](#) on Mon, 23 Nov 2009 15:13:04 GMT

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Hi there,

i want to create a program which allows to change parameters by manual input, by opening saved parameters and by restoring defaults within a widget. After finishing those kinds of inputs the program shall be closed by the O.K-Button. Unfortunately, the inputs are ignored. Who can help me a little bit with the event handling.

THANKS in advance and regards

CR

The following program code may better explain what I mean:

```
usage: ptr=menu(ptr=ptr) &print, 'Widget result', (*ptr).(0)
```

```
pro menu_controls_event,event,ptr
widget_control, event.top, get_uvalue=ptr
widget_control, event.id,get_uvalue=action
case action of
'open' : begin
    restore, dialog_pickfile()
    (*ptr)[1].bp = 0b
    print,'imported values:',(*ptr).(0)
    widget_control, event.top, set_uvalue=ptr
    widget_control,event.top,/destroy
end
'saveas' : begin
    save,ptr,filename=dialog_pickfile()
    (*ptr)[1].bp = 0b
    widget_control, event.top, set_uvalue=ptr
    widget_control,event.top,/destroy
end
'ok' : begin
    (*ptr)[1].bp = 1b
    widget_control, event.top, set_uvalue=ptr
    widget_control,event.top,/destroy
end
'cancel' : begin
    (*ptr)[1].bp = 1b
    widget_control, event.top, set_uvalue=ptr
    widget_control,event.top,/destroy
end
'exit' : begin
    (*ptr)[1].bp = 1b
```

```

    widget_control, event.top, set_uvalue=ptr
    widget_control,event.top,/destroy
end
'aot_def' : begin
    (*ptr)[1].bp = 0b
    (*ptr)[1].aot_def = float(event.(where(strupcase(tag_names
(event)) eq 'VALUE'))))
    widget_control, event.top, set_uvalue=ptr
end
'def' : begin
    (*ptr)[1].bp= 0b
    (*ptr)[1] = (*ptr)[0]
    widget_control, event.top, set_uvalue=ptr
    widget_control,event.top,/destroy
end
endcase
end

function menu_controls,ptr
    tlb = widget_base(title='test',row=3,mbar=men)
    menubase= widget_button(men,value='File')
    menu1 = widget_button(menubase,value='Open',uvalue='open')
    menu2 = widget_button(menubase,value='Save as',uvalue='saveas')
    menu3 = widget_button(menubase,value='Defaults',uvalue='def')
    menu4 = widget_button(menubase,value='Exit',uvalue='exit')
    field1 = cw_field (tlb,value=(*ptr)[1].aot_def,title='AOT (Optical
Thickness)',uvalue='aot_def');,/all_events,/column)
    field2 = widget_button (tlb,value='Ok',uvalue='ok', /align_center)
    field3 = widget_button (tlb,value='Cancel',uvalue='cancel',/
align_center)
    widget_control,tlb,/realize
    widget_control,tlb,set_uvalue=ptr
    xmanager,'menu_controls',tlb
    return,ptr
end

function menu,ptr=ptr
    if ~keyword_set(ptr) or ~n_elements(ptr) then begin
        ptr = {aot_def : 0.1234,bp:0b }
        ptr = ptr_new(replicate(ptr,2),/no_copy)
    endif
    ptr = menu_controls(ptr)
    print, 'Final:',(*ptr).(0)
    if (*ptr)[1].bp eq 0b then ptr=menu(ptr=ptr)
return, ptr
end

```
