
Subject: Re: widget confusion

Posted by [rogass](#) on Mon, 23 Nov 2009 20:56:21 GMT

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Ok, thank you both. You solved the problem - certainly I had some blonde moments :)

The full working example code is now:

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

```

Thanks again!!!

CR
