
Subject: widget_droplist

Posted by [robert.dimeo](#) on Fri, 07 Dec 2001 14:56:05 GMT

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Hi,

I have run into a problem with the widget_droplist function in IDL 5.4 on a Mac running OS 9.2.1. A small example program called droptest.pro is listed below this message. The droplist contains a string array of values, in this case 3 curve names. When you select a curve in the droplist, the name of the curve is printed in the output log (in IDLDE). However when you select the SAME curve twice (just after selecting it the first time), IDL seems to ignore the second selection. In fact it seems that NO event is generated the second time. This works as I expect it to on IRIX, LINUX, and WINDOWS platforms but not the MAC.

The on-line help has the following statement:

"Note - Platform-specific UI toolkits behave differently if a droplist widget has only a single element. On some platforms, selecting that element again does not generate an event. Events are always generated if the list contains multiple items."

However when I use widget_info, IDL recognizes that there are 3 items in the droplist. So the on-line help doesn't seem to be too useful here.

Do any of you widget experts out there have any thoughts?

Regards,

Rob

```
;;;;;;;;;example code starts here;;;;;;;;;
; pro dropTest
;
; Test of behavior of the droplist widget. When you
; make a selection, the name of the curve selected should
; be chosen. However on the MAC, when you select the same
; choice twice, IDL ignores the second event.
;
;
; Written by R.M.Dimeo (12/07/01)
;;;;;;;;;
pro dropTestQuit,event
widget_control,event.top,/destroy
return
```

```

end
.....
,,,,,,,,,,,,,,,,,,,,,
pro dropTestEvent,event
case event.index[0] of
0: begin
    print,'pseudo-delta function'
end
1: begin
    print,'Gaussian'
end
2: begin
    print,'Lorentzian'
end
else:
endcase
return
end
.....
,,,,,,,,,,,,,,,,,,,,,
pro dropTest
tlb = widget_base(/col,title = 'Droplist Widget Test',$
    tlb_frame_attr = 1)
butsize = 250
curveNames = ['pseudo delta function',$
    'Gaussian', 'Lorentzian']
drop = widget_droplist(tlb, VALUE=curveNames,xsize = butsize,$
    event_pro = 'dropTestEvent')
quit = widget_button(tlb,xsize = butsize,value = 'QUIT',$
    event_pro = 'dropTestQuit')
widget_control,tlb,/realize
xmanager,'dropTest',tlb
end

```
