
Subject: CW_FORM woes

Posted by [barg](#) on Tue, 04 Nov 1997 08:00:00 GMT

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Hello All,

Can anyone give me an working example of how to use CW_FORM?

I've included the test example given in the IDL Reference Vol 1, page 314, but I can't figure how to get global variables set from obtaining tag=value pairs in my CW_FORM. When I run my testform below, my event handler traps the 'OK' correctly, but fails on trapping the tag 'fsize'. What I want to do is when 'OK' is pressed, all tag=value pairs get saved in variables defined in the COMMON block 'params'.

A simple example would be greatly appreciated.

Thank you in advance.

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*****testform.pro*****

; testform.pro - example using CW_FORM.

```
PRO testform_Event, event
COMMON params, fsize, fname
COMMON b_ids, b
```

```
IF (event.id EQ b) THEN BEGIN
  PRINT, ' '
  PRINT, 'CW_FORM B is up!'
ENDIF
```

```
IF (event.quit) THEN BEGIN
  PRINT, 'Button selected: ', event.value
  WIDGET_CONTROL, event.id, /DESTROY
ENDIF
```

```
CASE event.tag OF
```

```
  'OK': begin
    HELP, /STRUCTURE, b
    WIDGET_CONTROL, event.top, /DESTROY
  end
```

```
'fsize': begin
; this doesn't work
fsize = event.value
PRINT, 'FSIZE = ', fsize
end
ENDCASE
```

END

```
PRO testform
COMMON b_ids, b
COMMON params, fsize, fname

; describe my form
DESC = [ $
'0, LABEL, Centered Label, CENTER', $
'1, BASE,, ROW, FRAME', $
'0, BUTTON, B1|B2|B3, LABEL_TOP=Nonexclusive:, COLUMN, TAG=bg1', $
'2, BUTTON, E1|E2|E3, EXCLUSIVE, LABEL_TOP=Exclusive:, COLUMN, TAG=bg2', $
'0, TEXT, , LABEL_LEFT=Enter File name:, WIDTH=12, TAG=fname', $
'0, INTEGER, 0, LABEL_LEFT=File size:, WIDTH=12, TAG=fsize', $
'1, BASE,, ROW', $
'0, BUTTON, OK, QUIT, FONT=*helvetica-medium-r-*-180-*, TAG=OK', $
'2, BUTTON, Cancel, QUIT']

a = WIDGET_BASE(TITLE='Testing IDL forms')

b = CW_FORM(a, desc, /COLUMN)
WIDGET_CONTROL, a, /REALIZE

XMANAGER, 'TESTFORM', a
END
```
