
Subject: Re: CW_FORM woes
Posted by [davidf](#) on Tue, 04 Nov 1997 08:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

[This followup was also posted to comp.lang.idl-pvwave]

Irene Barg (barg@nickel.as.arizona.edu) writes:

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

[...Pretty ugly code with COMMON blocks snipped. :-)...]

Here you go.

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

```
CASE event.tag OF
```

```
    'OK': begin
        Widget_Control, event.id, Get_Value=alltags
        fsize = alltags.fsize
        fname = alltags.fname
        WIDGET_CONTROL, event.top, /DESTROY
    end
```

```
    ELSE: ; Drop through event handler
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", 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
print, 'Filesize: ', fsize
print, 'Filename: ', fname
END

Cheers,

David

David Fanning, Ph.D.
Fanning Software Consulting
E-Mail: davidf@dfanning.com
Phone: 970-221-0438
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Subject: Re: CW_FORM woes
Posted by [barg](#) on Wed, 05 Nov 1997 08:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

David,

I didn't see 'all_tags' in my documentation for compound widgets. Thanks for the hint. BTW, I understand the reluctance to use COMMON blocks, but in this example below, I will have around 25 parameters to return to the calling program. I'm new to IDL, and I'll have to investigate how to do this without the use of COMMONS.

Again, thanks for your response.

Irene Barg
ibarg@as.arizona.edu

In article <MPG.ec92c8c6ef863ea989696@news.frii.com>, davidf@dfanning.com (David Fanning) writes:

|> [This followup was also posted to comp.lang.idl-pvwave]

|>

|> Irene Barg (barg@nickel.as.arizona.edu) writes:

|>

```

|> > Can anyone give me an working example of how to use CW_FORM?
|>
|> [...Pretty ugly code with COMMON blocks snipped. :-)...]
|>
|> Here you go.
|>
|> PRO testform_Event, event
|> COMMON params, fsize, fname
|> COMMON b_ids, b
|>
|> CASE event.tag OF
|>
|>     'OK': begin
|>         Widget_Control, event.id, Get_Value=alltags
|>         fsize = alltags.fsize
|>         fname = alltags.fname
|>         WIDGET_CONTROL, event.top, /DESTROY
|>     end
|>
|>     ELSE: ; Drop through event handler
|> 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", 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

```

```
|> print, 'Filesize: ', fsize  
|> print, 'Filename: ', fname  
|> END  
|>  
|>  
|> Cheers,  
|>  
|> David  
|>  
|> -----  
|> David Fanning, Ph.D.  
|> Fanning Software Consulting  
|> E-Mail: davidf@dfanning.com  
|> Phone: 970-221-0438  
|> Coyote's Guide to IDL Programming: http://www.dfanning.com/
```
