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Subject: CW\_FIELD question

Posted by [markb77](#) on Fri, 25 May 2007 18:01:29 GMT

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I know there must be something basically wrong with my thinking on this, but I can't figure out why this doesn't work. I'm writing a program that makes use of DRAW and TEXT widgets without an event handling routine. I would like some widgets to be used as numeric entry fields in which the user can enter numeric data to be read by the program. These should not be modal widgets. Here is an example of what I'm trying to do:

PRO Example

```
tlb = Widget_Base(Column=1)

field1 = WIDGET_TEXT(tlb, /EDITABLE)

field2 = CW_FIELD(tlb, /FLOATING)

WIDGET_CONTROL, tlb, /REALIZE
XManager, 'example', tlb, /No_block

quita = 0

curval=""

WIDGET_CONTROL, field1, GET_VALUE=curval

while quita ne 1 do begin

    WIDGET_CONTROL, field1, GET_VALUE=f1val
    WIDGET_CONTROL, field2, GET_VALUE=f2val

    if f1val ne curval then begin
        curval = f1val
        print, curval
        print, f2val
        if curval eq 'q' then quita = 1
    endif
    wait, 0.1

endwhile

WIDGET_CONTROL, tlb, /DESTROY

END
```

When you run this program, the WIDGET\_TEXT field is editable and behaves as expected, but the CW\_FIELD field is not editable. What is going on? There must be something basic that I'm missing here.

Thanks,  
Mark

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Subject: Re: cw\_field question  
Posted by [David Fanning](#) on Fri, 14 Nov 2008 01:07:52 GMT  
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Marshall Perrin writes:

- > Once a CW\_FIELD has been created, is there any easy way to
- > change its title? Calls to widget\_control let you get or set
- > the field's value, but as far as I can tell not the title...
- >
- > I suppose I can just modify the CW\_FIELD code myself to allow this,
- > but it seems kind of odd that it can't be done easily by default.
- > Likewise, it appears impossible to change the validation type
- > (float, int, etc) once the field has first been created. Am I
- > missing something?

I think you missed FSC\_INPUTFIELD:

[http://www.dfanning.com/programs/fsc\\_inputfield.pro](http://www.dfanning.com/programs/fsc_inputfield.pro)

It does everything you want and much, much more. :-)

Cheers,

David

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David Fanning, Ph.D.  
Fanning Software Consulting, Inc.  
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>  
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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