
Subject: Re: CW_FORM: Can't seem to get SET_VALUE to work
Posted by [andrew.cool](#) on Tue, 26 Oct 2004 00:40:01 GMT
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lloyd@evilprofessor.co.uk (Lloyd Watkin) wrote in message
news:<c3f97ff.0410250640.61eab55e@posting.google.com>...

- > Hi all,
- >
- > In advance, thanks for all the wonderful help that everyone always
- > passes my way.
- >
- > I've started to venture into using CW_FORM to make quick forms for a
- > program I am writing. I think I have it almost done. I have a couple
- > of problems that I need to fix first though.
- >
- > I have two text fields into which I want to place values that the user
- > can edit if they desire. Have placed the SET_VALUE keywords in, but am
- > still not getting any values printed there! Any ideas (have posted the
- > SHORT code at the end of this post).
- >
- > Also if anyone could help on getting my checkboxes to line up that
- > would be great too.
- >
- > Thanks
- >
- > Lloyd Watkin

Hi Lloyd,

I've re-written your code to use CW_BGROUP (which seems to have a slight
bug of its own), however I think the code is clearer and easier than
that
god-awful Cw_Form mush...

Andrew

Pro test_species_event,ev

widget_control,ev.id,Get_Uvalue = Uvalue
widget_control,ev.id,Get_Value = Value

Case Uvalue Of

```
'SPECIES SELECTION' : $  
  Begin  
    If ev.value EQ ' ' Then Begin
```

```

        ; dummy spacer button - now de-sensitised
        return
    Endif Else begin
        print,'Selected species ' + ev.value
    Endelse
End

```

```

'MAX STEP SIZE' : $
    Begin
        max_step_size = ev.value
        print,'New Max Step Size = ',max_step_size
    End

```

```

'MIN STEP SIZE' : $
    Begin
        min_step_size = ev.value
        print,'New Min Step Size = ',min_step_size
    End

```

```

'OK' : $
    Begin
        Widget_control,ev.top,/Destroy
    End

```

```

'CANCEL' : $
    Begin
        Widget_control,ev.top,/Destroy
    End

```

```

ELSE : Begin
    Message,'Invalid Uvalue : ' + string(uvalue)
    End

```

```

End ; of Case

```

```

End

```

```

;.....

```

```

pro test_species

```

; Revamp of Lloyd Watkins post. A.D. Cool DSTO Adelaide, Oz

max_step = 1.0e-1

min_step = 1.0e-9

species1 = ['H2O','CO2','O3','N2O','CO','CH4','O2']

species2 = ['NO','SO2','NO2','NH3','HNO3','OH','HF']

species3 = ['HCl','HBr','HI','ClO','OCS','H2CO','HOCl']

species4 = ['N2','HCN','CH3Cl','H2O2','C2H2','C2H6','PH3']

species5 = ['COF2','SF6','H2S','HCOOH','HO2','O','ClONO2']

;species6 = ['NO+','HOBr','C2H4','CH3OH']

; Hmmm. Needs padding out with dummy buttons - incorrect behaviour - bug?

; I would have thought that the first 5 columns should all fill up with

; 7 buttons?

species6 = ['NO+','HOBr','C2H4','CH3OH','','','']

btn_vals = [species1,species2,species3,species4,species5,species6]

TLB = Widget_base(/col,Title='Species test')

base1 = Widget_base(TLB,/row,/frame)

btn_grp = Cw_BGROUPE(base1,btn_vals,Button_uvalue=btn_vals,col=6,/NONEX CLUSIVE,\$
IDS =

species_ids,/NO_Release,Uvalue='SPECIES SELECTION')

base2 = Widget_base(TLB,/Col,/Frame)

Max_step_fd = \$

CW_field(base2,/Return_events,/Floating,Title='Maximum Step Size',\$
Value = max_step,Uvalue='MAX STEP SIZE')

Min_step_fd = \$

CW_field(base2,/Return_events,/Floating,Title='Minimum Step Size',\$
Value = min_step,Uvalue='MIN STEP SIZE')

base3 = Widget_base(TLB,/row,/Frame)

OK_id = Widget_Button(base3,Value='OK',Uvalue='OK')

Cancel_id = Widget_Button(base3,Value='Cancel',Uvalue='CANCEL')

widget_Control,tlb,/real

; de-sensitise dummy spacer buttons - possible bug in layout of
CW_BGROUP?

```
widget_control,species_ids(39),Sensitive=0  
widget_control,species_ids(40),Sensitive=0  
widget_control,species_ids(41),Sensitive=0
```

Xmanager, 'test_species', TLB

End
