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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','CIONO2']

;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\_BGROUP(base1,btn\_vals,Button\_uvalue=btn\_vals,col=6,/NONEXCLUSIV,\$  
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

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