
Subject: Re: sec : U Re: problem with checkbox in cw_form
Posted by [Sergey Kuposov](#) on Tue, 29 Apr 2003 20:47:35 GMT
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Andrew, Great thanks for the idea and for the example.

Cheers,

Sergey K

Andrew Cool wrote:

> Sergey Kuposov wrote:

>

>> Hello!

>> Because, this widget is used in very complicated program, and it would
>> be nice if the values of some parameters entered by user were obtained
>> with single cw_form (it is more simple to get the states of fields with
>> using cw_form then standart widget construction).

>> Moreover, I don't believe that it is impossible to make a single
>> checkbox in cw_form. It would be very strange , I think. :)

>> Cheers,

>> Sergey K

>>

>> Pavel Romashkin wrote:

>>

>>> Why not create the single checkbox in a separate exclusive base, not as
>>> part of cw_form?

>>>

>>> Cheers,

>>> Pavel

>>>

>>> "iĉ½xĩĉ½ĩĉ½ĩĉ½" wrote:

>>>

>>>

>>>> Can somebody tell me how to create only one checkbox in the cw_form. I dont
>>>> how to do this, because , by default, if there is only one item in the
>>>> initial value field (in the parameters of cw_form) IDL create a simple
>>>> button, but no the checkbox.

>>>> Thanks,

>>>> Sergey Kuposov

>

>

>

> Sergey,

>

> CW_FORM is available as a .PRO file in your IDL disribution,
> e.g. look for C:\RS\IDL56\LIB\CW_FORM.PRO.

>

> CW_FORM.PRO is hardwired to produce single "standard" button if
> you only supply 1 value.

>

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> But there's no reason why you can't take a copy of RSI's CW_FORM.PRO
> and put it into your own IDL path, preferably sensibly renamed.
>
> Below I've take a brute force approach and just copied the code for
> multiple buttons into the area for a singel button. It works nicely,
> producing a single checked button.
>
> You might wish to make a more sensitive amendment to the code ;- )
>
> Cheers,
>
> Andrew
>
>
> 'BUTTON': BEGIN
>   CW_FORM_APPEND, extra, e, 'LABEL_LEFT', /USE_VALUE
>   CW_FORM_APPEND, extra, e, 'LABEL_TOP', /USE_VALUE
>   exclusive = CW_FORM_PARSE(e, 'EXCLUSIVE')
>   no_release = CW_FORM_PARSE(e, 'NO_RELEASE')
>   values = strtok(a[2], '|', /EXTRACT, ESC='\')
>
>   if n_elements(values) ge 2 then begin
>     type = 0
>     if CW_FORM_PARSE(e, 'SET_VALUE', temp) then begin
>       result = execute('sval=fix('+temp+')')
>       new = CW_BGROUP(parent, strtok(a[2], '|', /EXTRACT), $
>       EXCLUSIVE = exclusive, NONEXCLUSIVE = 1-exclusive, $
>       FRAME=frame, NO_RELEASE = no_release, $
>       SET_VALUE = sval, _EXTRA=extra)
>     endif else begin
>       new = CW_BGROUP(parent, strtok(a[2], '|', /EXTRACT), $
>       EXCLUSIVE = exclusive, NONEXCLUSIVE = 1-exclusive, $
>       FRAME=frame, NO_RELEASE = no_release, _EXTRA=extra)
>     endelse
>     WIDGET_CONTROL, new, GET_VALUE=value
>   endif else begin
> ;A.D. Cool Comment out original RSI code for 1 button value
>     ; type = 2
>     ;new = WIDGET_BUTTON(parent, value=values[0], FRAME=frame,
>     _EXTRA=extra)
>     ;value = 0L
>
> ;A.D. Cool Insert a copy of RSI code for 2 or more button values
>
>     type = 0
>     if CW_FORM_PARSE(e, 'SET_VALUE', temp) then begin
>       result = execute('sval=fix('+temp+')')
>       new = CW_BGROUP(parent, strtok(a[2], '|', /EXTRACT), $

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>     EXCLUSIVE = exclusive, NONEXCLUSIVE = 1-exclusive, $
>     FRAME=frame, NO_RELEASE = no_release, $
>         SET_VALUE = sval, _EXTRA=extra)
> endif else begin
>     new = CW_BGROUP(parent, strtok(a[2], '|', /EXTRACT), $
>     EXCLUSIVE = exclusive, NONEXCLUSIVE = 1-exclusive, $
>     FRAME=frame, NO_RELEASE = no_release, _EXTRA=extra)
> endelse
> WIDGET_CONTROL, new, GET_VALUE=value
>
> endelse
>
>
> -----
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