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Subject: Re: Menu Value and UValue

Posted by [Mark Guagenti](#) on Thu, 17 May 2001 21:54:37 GMT

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Thanks for the help I didn't think it could be done until I saw your script. It ended up that I was writing the same value back into it's original spot instead of moving it down. What was I thinking! :)

Mark

Dave Greenwood wrote:

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> "Mark Guagenti" <guagenti@foodsci.purdue.edu> wrote:
>> Hello again!
>> I am trying to add a feature into an IDL program that lists the last 4 files
>> opened. The last 4 files will be displayed as a part of the "file" menu on
>> my program. I've been trying to change the "Value" and "UValue" of a
>> Widget_Button that is apart of a menu. From what I am seeing it can't be
>> done. I don't get an error from IDL or anything when I execute something
>> like
>>   Widget_Control, widgetid, Set_Value=lastfile1, Set_UValue=lastfile1
>> But when you go look at the menu nothing has changed from when it was first
>> realized when the program was launched. The old values are still there but
>> this time if you select that menu option nothing happens where it used to do
>> what it was supposed to do.
>
> What version and os? Are you sure you have the correct widgetid? The
> following program seems to do what I think you want to do. Tested on
> IDL5.3 on VMS and WNT.
>
> =====
> PRO New_files, ev
>   widget_control, ev.top, get_uvalue=ptr
>   (*ptr).fnum = (*ptr).fnum + 1
>   for i=0,3 do begin
>     fname = 'File_' + StrCompress(String((*ptr).fnum+i),/Remove_all)
>     Widget_Control, (*ptr).ids[i], Set_Uvalue=fname, Set_Value=fname
>   endfor
> END
>
> PRO Button_Push, ev
>   widget_control, ev.id, get_Uvalue=fname
>   Print,'Button for ',fname,' pushed'
> END
>
> PRO T_Exit, ev
>   Widget_Control, ev.top, /Destroy
> END
>
```

```

> PRO T
> T_base = Widget_Base( MBar=menuBase, TITLE='The Test', xsize=200, ysize=100)
> fileID = Widget_Button(menubase, Value='File')
> dummy = Widget_Button(fileID, Value='New Files', Event_Pro='New_files')
> dummy = Widget_Button(fileID, /Separator, Value='Exit', Event_Pro='T_Exit')
> ids = linden(4)
> sep = 1
> for i=0L, 3 do begin
>   fname = 'File_' + StrCompress(String(i),/Remove_all)
>   ids[i] = Widget_Button( fileID, Separator=sep, Uvalue=fname, $
>     Value=fname, Event_Pro='Button_Push' )
>   sep = 0
> endfor
>
> info = {fnum: 0L, ids: ids}
> infoPtr = Ptr_New(info, /No_Copy)
>
> WIDGET_CONTROL, T_Base, SET_UVALUE=infoPtr, /realize
> XManager, 'T_base', T_base, /NO_BLOCK
> end
> =====
>
> Dave
> -----
> Dave Greenwood          Email: Greenwoodde@ORNL.GOV
> Oak Ridge National Lab   %STD-W-DISCLAIMER, I only speak for myself

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