

# Re: Checking Options in UserForms Collection

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**Source:**

<http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.programming/2005-05/msg02344.html>

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- *From:* "Vasant Nanavati" <vasantn \*AT\* aol \*DOT\* com>
  - *Date:* Tue, 10 May 2005 16:31:23 -0400
- 

I haven't followed this whole discussion, but all you need to do is count the total number of checked option buttons and see if it matches the total number of frames.

I posted this a long time ago to solve a similar problem; perhaps you can adapt it to your needs:

```
Private Sub cmdOK_Click()  
Dim ctl As Control, i As Integer  
i = 0  
For Each ctl In Me.Controls  
If TypeOf ctl Is msforms.OptionButton Then  
If ctl Then  
i = i + 1  
End If  
End If  
Next  
If i = 4 Then 'no. of frames  
MsgBox "Run my code!"  
Unload Me  
Else  
MsgBox "Every frame must have a selected option button!"  
End If  
End Sub
```

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Vasant

"monir" <monir@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
<news:6C2CC01D-6DBB-4DE8-BC44-C79EEDEFBACF@xxxxxxxxxxxxxxxxxxxx>

> This layout version of the code works almost perfectly!

>

> ' in the User Form's code sheet : frmOptSelect

> Private Sub btnOpen\_Click ()

> .....

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```
> CheckOptions Me 'notice the argument Me
> .....
> End Sub
>
> ' in a standard module
> Sub CheckOptions (myForm As UserForm)
> Dim myOption As Control
> Dim myFlag As Integer
> .....
> ' check if an option is selected in frame grpSeries (among the frame
enabled
> options)
> For Each myOption In myForm.grpSeries.Controls
> .....If myOption.Enabled = True Then
> .....If myOption.Value = True Then myFlag = 1
> .....End If
> Next myOption
> If myFlage <> 1 Then MsgBox "Select B- or GEL-Series" : myOption.SetFocus
> .....
> ' repeat for all frames on the form
> .....
> End Sub
>
> The message box prompt now displays, but followed by:
> ..... "Run-time error '91': Object variable or With block variable not
set"
> and myOption.SetFocus statement is highlighted.
>
> How to Set the control variable myOption?
>
> Thanks again.
>
>
>
> "monir" wrote:
>
>> Partick;
>>
>> There are 2 reasons (I thought) for having a separate macro code for the
task:
>> 1. it makes the form's code neater, specially if other frames are added
>> later to the form and their options need to be similarly cheked; and
>> 2. in the case of multiple user forms, only the standard module's code
>> needs to be expanded
>>
>> Now, if you meant to place the regular macro in the form's code sheet,
not
>> just the macro's code, then here it is. I moved the macro Sub
CheckOptions
>> () to the form's code sheet, and replaced UserForms(1) reference by Me
(and
```

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>> later by nothing).  
>> Clicking the btnOpen button, which has the call to the CheckOptions macro  
>> (as illustrated below), does not produce run-time errors, and does not  
>> display the MsgBox message!! Stepping into the macro suggests that the  
>> message should be displayed !  
>> Maybe I should follow the MsgBox statement by SetFocus on the relevant  
>> option! or maybe not ! Is it the regular macro in the Class-Module  
Forms  
>> code sheet that is causing all these troubles ?  
>>  
>> Here is the latest attempt, with all macros in the form's code sheet:  
>> frmOptSelect  
>>  
>> Private Sub btnOpen\_Click ()  
>> .....  
>> CheckOptions  
>> .....  
>> End Sub  
>>  
>> Sub CheckOptions()  
>> Dim myOption As Control  
>> Dim myFlag As Integer  
>> .....  
>> ' check options in frame grpSeries  
>> For Each myOption In Me.grpSeries.Controls  
>> ....If myOption.Value = True Then myFlag = 1  
>> Next myOption  
>> If myFlag <> 1 Then MsgBox "Select B- or GEL-Series"  
>> .....  
>> ' repeat for all frames  
>> .....  
>>  
>> Other suggestions? Thank you.  
>>  
>>  
>>  
>> "Patrick Molloy" wrote:  
>>  
>>> I didn't realise that the code was in a module. I assumed that you'd  
used  
>>> the form's own code sheet. Why don't you?  
>>>  
>>> "monir" <monir@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
>>> [news:1032AD94-99F2-4683-86EF-06A0473AF553@xxxxxxxxxxxxxxxxxxxx](mailto:news:1032AD94-99F2-4683-86EF-06A0473AF553@xxxxxxxxxxxxxxxxxxxx)  
>>>> In the For Each statement:  
>>>> ' check options in frame grpSeries  
>>>> .....For Each myOption In UserForms(1).grpSeries.Controls  
>>>>  
>>>> if I replace UserForms(1) by UserForm("frmOptSelect")  
>>>> now it is "Run-time error '13': Type mismatch", and the For Each

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statement

>>>> is highlighted. (That is different from the earlier: "Run-time error '9':

>>>> Subscript out of range" when I used the user form index.)

>>>>

>>>> Does this reveal anything?

>>>>

>>>> Since I'm referring to the user form object in a standard macro, shouldn't

>>>> the reference to the user form be specific either by index or by name ?

>>>>

>>>> Thanks again.

>>>>

>>>>

>>>> "monir" wrote:

>>>>

>>>>> Patrick;

>>>>>

>>>>> Replacing UserForms(1). by Me. produced:

>>>>> ..... "Compile error: Invalid use of Me keyword"

>>>>>

>>>>> Another suggestion? Thank you.

>>>>>

>>>>>

>>>>>

>>>>> "Patrick Molloy" wrote:

>>>>>

>>>>>> probably zero based instead of

>>>>>> UserForms(1).

>>>>>> try

>>>>>> me.

>>>>>>

>>>>>>

>>>>>>

>>>>>>

>>>>>> "monir" wrote:

>>>>>>

>>>>>>> Hi;

>>>>>>>

>>>>>>> The user form, frmOptSelect, has a number of frames, each with

a

>>>>>>> number of

>>>>>>> option controls. The algorithms for all combinations of options

are

>>>>>>> not

>>>>>>> currently available, so I'm disabling certain options for now.

>>>>>>> I'm trying to make sure that an option is selected in each

frame on

>>>>>>> the form

>>>>>>> before I click the btnOpen button. In:

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```
>>>>>>
>>>>>> Private Sub btnOpen_Click () event procedure and right at the
top,
>>>>>> I
>>>>>> inserted:
>>>>>> ..... CheckOptions
>>>>>> which is a regular macro:
>>>>>>
>>>>>> Sub CheckOptions()
>>>>>> Dim myOption As Control
>>>>>> Dim myFlag As Integer
>>>>>> .....
>>>>>> ' check options in frame grpSeries
>>>>>> For Each myOption In UserForms(1).grpSeries.Controls
>>>>>> .....If myOption.Value = True Then myFlag = 1
>>>>>> Next myOption
>>>>>> If myFlage <> 1 Then MsgBox "Select B- or GEL-Series"
>>>>>> .....
>>>>>> ' repeat for all frames
>>>>>> .....
>>>>>>
>>>>>> I got " Run-time error '9': Subscript out of range", and the
above
>>>>>> For Each
>>>>>> statement is highlighted!
>>>>>>
>>>>>> Any suggestions ? Thank you
>>>
>>>
>>>
```

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### • Follow-Ups:

- ◆ **Re: Checking Options in UserForms Collection**  
◇ From: monir

### • References:

- ◆ **Checking Options in UserForms Collection**  
◇ From: monir
- ◆ **RE: Checking Options in UserForms Collection**  
◇ From: Patrick Molloy
- ◆ **RE: Checking Options in UserForms Collection**  
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