

## Re: How 2 avoid multiple IF's by LOOKUP's???

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*Source:* <http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.misc/2007-06/msg00990.html>

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- *From:* "Bob Phillips" <[bob.ngs@xxxxxxxxxxxxxx](mailto:bob.ngs@xxxxxxxxxxxxxx)>
  - *Date:* Fri, 8 Jun 2007 09:01:39 +0100
- 

```
Private Sub Worksheet_Change(ByVal Target As Range)
Const WS_RANGE As String = "A:D"
Const Err1 As String = "Maturity date has passed"
Const Err2 As String = "Account Balance is exceeding the limit"
Const Err3 As String = "Amount is negative"
```

```
On Error GoTo ws_exit
Application.EnableEvents = False
```

```
If Not Intersect(Target, Me.Range(WS_RANGE)) Is Nothing Then
With Target
Me.Cells(.Row, "E").Value = ""
If Me.Cells(.Row, "D") < 0 Then _
Me.Cells(.Row, "E").Value = Err3
If Me.Cells(.Row, "B") < Me.Cells(.Row, "D") Then _
Me.Cells(.Row, "E").Value = Err2
If Me.Cells(.Row, "C").Value < Date Then _
Me.Cells(.Row, "E").Value = Err1
'etc
End With
End If
```

```
ws_exit:
Application.EnableEvents = True
End Sub
```

'This is worksheet event code, which means that it needs to be  
'placed in the appropriate worksheet code module, not a standard  
'code module. To do this, right-click on the sheet tab, select  
'the View Code option from the menu, and paste the code in.

--  
HTH

Bob

(there's no email, no snail mail, but somewhere should be gmail in my addy)

Re: How 2 avoid multiple IF's by LOOKUP's???

"FARAZ QURESHI" <FARAZQURESHI@XXXXXXXXXXXXXXXXXXXXXXXXXX> wrote in message  
news:956A026E-7CFB-44F7-AC9B-909D8F5E98DD@XXXXXXXXXXXXXXXXXX

Thanx Bob,

I am sorry but there seemed to be some problem with my net and probably the page was not refreshing. I thought that my question had not be posted due some problem. Thus, I had the question replaced.

By the way can I create a MACRO as well, creating some sort of a custom function or some other way around, so that the risk of any erroneous formula in even one of the cell in column E could be avoided due to copying down a lengthy one in all?

Once again I am sorry and beg your pardon.

Faraz!

"Bob Phillips" wrote:

Don't see how you could avoid it.

You could two step it with a helper cell say

=IF(C2<TODAY(),1,IF(D2>B2,2,IF(D2<0,3,0)))

and then lookup the message with

=IF(E2>0,INDEX\*Sheet2!B:B,MATCH(E2,Sheet2!A:A,0))

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HTH

Bob

(there's no email, no snail mail, but somewhere should be gmail in my addy)

"FARAZ QURESHI" <FARAZQURESHI@XXXXXXXXXXXXXXXXXXXXXXXXXX>  
wrote in message  
news:733287C4-27F4-44A4-B923-EBBD3157F866@XXXXXXXXXXXXXXXXXX

Hello every1,

The actual situation is quite a detailed and complex one but lets start with a simple example:

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The "sheet 1" is to be filled up with several columns like:

A B C D E

1 Case Limit Maturity–Date Balance Error

2 abc 100 12/12/2001 80 Maturity date has  
passed

3 def 3000 12/12/2009 4000 Account Balance is  
exceeding the limit

4 ghi 5000 12/12/2008 –200 Amount is negative

"Sheet 2" has a list like:

A B

1 Error Code Message

2 1 Account Balance is exceeding the limit

3 2 Maturity date has passed

4 3 Amount is negative

I want the column E of Sheet 1 to search out the error code  
automatically

from Sheet 2 and return the message present in the  
corresponding cell

in

column B.

Actually there are several multiple error checks that I want to  
set out

but

typing out a lengthy formula of IF's is nearly impossible and  
risky.

Conditional formating shall also only highlight the cell but  
not

displaying

the message and also involves the same problem of lengthy  
formula.

Any way out, PREFERABLY a lookup sort of formula for  
its applicability

upon

all the the computer without lowering the macro security  
level,

otherwise

even a macro shall be gratefully accepted! All your advices  
shall be

valuable.

Thanx in advance,

FARAZ!

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