

Re: Yet more validation ... challenges!

## Re: Yet more validation ... challenges!

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*Source:* <http://www.tech-archive.net/Archive/Excel/microsoft.public.excel/2007-10/msg01670.html>

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- *From:* "Les Isaacs" <[leslie@xxxxxxxxxxxxxxxxxxxx](mailto:leslie@xxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Wed, 31 Oct 2007 21:48:20 -0000
- 

Bob

Thanks for that – problem fixed ... BUT:

This just goes on and on ...

Now I have a very strange situation in that on first opening the workbook everything works OK – times, NI and Postcode validation, but as soon as I hit the delete key, or on entering an invalid NI number (which is correctly rejected), all the code seems to stop working! i.e. from that point on I can enter any value in the time columns, or the postcode column, and nothing gets rejected!!!!!!!!!!

When I close the workbook, whether or not I save it, on opening it again I again get the strange behaviour described above.

Is it me, or is this data input sheet just not meant to be?

I hope you like a challenge – and that you don't think I'm making this up.

As ever ...

Les

"Bob Phillips" <[bob.NGs@xxxxxxxxxxxxxxxx](mailto:bob.NGs@xxxxxxxxxxxxxxxx)> wrote in message [news:OoPVXt\\$GIHA.5208@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:OoPVXt$GIHA.5208@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

This should do it Les.

```
Dim prev
```

```
Private Const WS_RANGE_PC As String = "I1:I999"
```

```
Private Const WS_RANGE_TIME As String = "V2:AW99"
```

```
Private Sub Worksheet_Change(ByVal Target As Range)
```

```
Dim TimeStr As String
```

```
On Error GoTo ws_exit
```

```
Application.EnableEvents = False
```

```
If Not Intersect(Target, Me.Range(WS_RANGE_PC)) Is Nothing Then  
With Target
```

```
If Not ValidatePostCode(.Value) Then
```

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```
If prev = "" Then
MsgBox "Invalid postcode."
Else
MsgBox "Invalid postcode, reverting to " & prev
End If
.Value = prev
.Select
End If
.Value = UCase(.Value)
End With
Else
On Error GoTo EndMacro
If Target.Cells.Count > 1 Then Exit Sub
If Target.Value = "" Then Exit Sub
If Application.Intersect(Target, Me.Range(WS_RANGE_TIME)) Is
Nothing Then
Exit Sub
End If

Application.EnableEvents = False
With Target
If .HasFormula = False Then
Select Case Len(.Value)
Case 1 ' e.g., 1 = 00:01 AM
TimeStr = "00:0" & .Value
Case 2 ' e.g., 12 = 00:12 AM
TimeStr = "00:" & .Value
Case 3 ' e.g., 735 = 7:35 AM
TimeStr = Left(.Value, 1) & ":" & Right(.Value, 2)
Case 4 ' e.g., 1234 = 12:34
TimeStr = Left(.Value, 2) & ":" & Right(.Value, 2)
Case 5 ' e.g., 12345 = 1:23:45 NOT 12:03:45
TimeStr = Left(.Value, 1) & ":" & Mid(.Value, 2, 2)
& _
":" & Right(.Value, 2)
Case 6 ' e.g., 123456 = 12:34:56
TimeStr = Left(.Value, 2) & ":" & Mid(.Value, 3, 2)
& _
":" & Right(.Value, 2)
Case Else
Err.Raise 0
End Select
.Value = TimeValue(TimeStr)
End If
If Me.Cells(.Row,
Me.Range(WS_RANGE_TIME).Columns(1).Column).Value <> "" _
And Me.Cells(.Row,
Me.Range(WS_RANGE_TIME).Columns(2).Column).Value <> "" And _
Me.Cells(.Row, Me.Range(WS_RANGE_TIME).Columns(1).Column).Value
```

-

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```
Me.Cells(.Row,
Me.Range(WS_RANGE_TIME).Columns(2).Column).Value Then
MsgBox "Start time earlier than end time"
.Value = ""
End If
End With
End If

Application.EnableEvents = True
Exit Sub
EndMacro:
MsgBox "You did not enter a valid time. Do not use colons etc. - " & _
"enter 8.00am as 800, enter 4.30pm as 1630 etc."
Target.Value = ""
ws_exit:
Application.EnableEvents = True
End Sub

Private Sub Worksheet_SelectionChange(ByVal Target As Range)
If Not Intersect(Target, Me.Range(WS_RANGE_PC)) Is Nothing Then
prev = Target.Value
End If
End Sub
```

--  
---

HTH

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

"Les Isaacs" <leslie@xxxxxxxxxxxxxxxxxxxx> wrote in message  
[news:OfTSYI\\$GIHA.6068@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:OfTSYI$GIHA.6068@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Help!

I had everything working on my test workbook, but when I have come to add the new code to the main workbook I find that it conflicts with the other code that is already there (the other code is used to validate times). I have tried various things but am obviously out of my depth!

The code I now have is pasted below, but with it like this I get a message "Compile error – Duplicate declaration in current scope" and I am taken to the line  
Const WS\_RANGE As String = "V2:AW99"

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What do I do?

Thanks  
Les

The current code:

Option Explicit

```
Dim prev
Private Const WS_RANGE As String = "I1:I999" '<== change to suit
```

```
Private Sub Worksheet_Change(ByVal Target As Range)
```

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

```
If Not Intersect(Target, Me.Range(WS_RANGE)) Is Nothing Then
With Target
If Not ValidatePostCode(.Value) Then
If prev = "" Then
MsgBox "Invalid postcode."
Else
MsgBox "Invalid postcode, reverting to " & prev
End If
.Value = prev
.Select
End If
.Value = UCase(.Value)
End With
End If
```

```
Const WS_RANGE As String = "V2:AW99"
Dim TimeStr As String
```

```
On Error GoTo EndMacro
If Target.Cells.Count > 1 Then Exit Sub
If Target.Value = "" Then Exit Sub
If Application.Intersect(Target, Me.Range(WS_RANGE)) Is Nothing Then
Exit Sub
End If
```

```
Application.EnableEvents = False
With Target
If .HasFormula = False Then
Select Case Len(.Value)
Case 1 ' e.g., 1 = 00:01 AM
TimeStr = "00:0" & .Value
Case 2 ' e.g., 12 = 00:12 AM
```

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```
TimeStr = "00:" & .Value
Case 3 ' e.g., 735 = 7:35 AM
TimeStr = Left(.Value, 1) & ":" & Right(.Value, 2)
Case 4 ' e.g., 1234 = 12:34
TimeStr = Left(.Value, 2) & ":" & Right(.Value, 2)
Case 5 ' e.g., 12345 = 1:23:45 NOT 12:03:45
TimeStr = Left(.Value, 1) & ":" & Mid(.Value, 2, 2) &
-
":" & Right(.Value, 2)
Case 6 ' e.g., 123456 = 12:34:56
TimeStr = Left(.Value, 2) & ":" & Mid(.Value, 3, 2) &
-
":" & Right(.Value, 2)
Case Else
Err.Raise 0
End Select
.Value = TimeValue(TimeStr)
End If
If Me.Cells(.Row, Me.Range(WS_RANGE).Columns(1).Column).Value <>
"" And Me.Cells(.Row,
Me.Range(WS_RANGE).Columns(2).Column).Value <> ""
And Me.Cells(.Row, Me.Range(WS_RANGE).Columns(1).Column).Value >
Me.Cells(.Row, Me.Range(WS_RANGE).Columns(2).Column).Value Then
MsgBox "Start time earlier than end time"
.Value = ""
End If

End With
Application.EnableEvents = True
Exit Sub
EndMacro:
MsgBox "You did not enter a valid time. Do not use colons etc. – enter
8.00am as 800, enter 4.30pm as 1630 etc."
Target.Value = ""
ws_exit:
Application.EnableEvents = True
End Sub

Private Sub Worksheet_SelectionChange(ByVal Target As Range)
If Not Intersect(Target, Me.Range(WS_RANGE)) Is Nothing Then
prev = Target.Value
End If
End Sub
```

Re: Yet more validation ... challenges!

"Peo Sjoblom" <terre08@xxxxxxxx> wrote in message  
[news:%23kVRTM%23GIHA.3548@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:%23kVRTM%23GIHA.3548@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

I didn't even know UK was 250 miles long? <vbg>

--

Regards,

Peo Sjoblom

"Leslie Isaacs" <leslie.isaacs@xxxxxxxxxxxxxxxx> wrote in message  
[news:eGDk649GIHA.5584@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:eGDk649GIHA.5584@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Dorset ... Aus ... NZ – anywhere south of  
Watford and it's all the same  
to us northerners!  
But next time I hear 'By the cringe' I'll know  
what I'm dealing with.  
Les

"Bob Phillips" <bob.ngs@xxxxxxxxxxxxxxxx>  
wrote in message  
[news:O9tpHu9GIHA.1204@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:O9tpHu9GIHA.1204@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Les,

No mate, you are way off!  
My daughter is in NZ at this  
moment, but I  
personally have never been  
to either, or even south of  
the equator.

I am 250 miles south of you,  
in Dorset, by the glorious  
Jurassic  
coastline. I thought that 'By  
the cringe' would have given  
it a way.

--

HTH

Re: Yet more validation ... challenges!

Bob

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

"Leslie Isaacs"

<leslie.isaacs@xxxxxxxxxxxxxxxx>

wrote in message

[news:eSqNfd9GIHA.5276@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:eSqNfd9GIHA.5276@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Bob

Sounds  
good to me:  
wonder  
when I'll be  
posting  
answers  
myself!  
Where are  
you, BTW.  
I cannot  
find any  
identifying  
nationalistic  
nuances in  
your posts,  
but my  
guess would  
be Australia  
or New  
Zealand.  
Am I in the  
right  
hemisphere?

Les

"Bob

Phillips"

<bob.ngs@xxxxxxxxxxxxxxxx>

wrote in  
message

[news:Od7DV68GIHA.4228@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:Od7DV68GIHA.4228@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

"Leslie

Re: Yet more validation ... challenges!

Isaacs"  
<leslie.isaacs@xxxxxxxxxxxxxxxxxxxx>  
wrote  
in  
message  
[news:e8yI7v8GIHA.4880@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:e8yI7v8GIHA.4880@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Bob

Sorry,  
I  
hope  
I  
haven't  
pushed  
the  
boundary  
of  
of  
your  
good  
will  
too  
far!  
Actually,  
I  
never  
cease  
to  
be  
amazed  
by  
the  
fact  
that  
such  
high  
quality  
help  
is  
freely  
available  
in  
these  
newsgroups.  
I  
for  
one  
have  
benefitted  
hugely

Re: Yet more validation ... challenges!

from  
them  
over  
the  
years  
(mainly  
from  
the  
access  
ing's)  
–  
and  
also  
hugely  
from  
yourself  
and  
Rick  
recently.

We  
all  
do  
one  
way  
or  
another  
Les.  
I  
got  
a  
bit  
of  
help  
when  
I  
started  
back,  
and  
I  
now  
have  
a  
network  
of  
people  
I  
can  
call

Re: Yet more validation ... challenges!

on  
for  
specific  
problems  
(no-one  
minds  
as  
long  
as  
it  
isn't  
abused),  
and  
there  
are  
always  
other  
topics  
that  
I  
don't  
know  
as  
well.

I'm  
going  
to  
ask  
–  
for  
the  
first  
time:  
why  
do  
you  
all  
do  
it?  
Is  
it  
a  
means  
of  
getting  
fee-paying  
contract  
work,

Re: Yet more validation ... challenges!

or  
is  
the  
MVP  
qualification  
with  
something  
tangible  
to  
you,  
or  
are  
you  
all  
simply  
very  
generous  
with  
your  
time  
and  
expertise?

I  
can  
only  
speak  
for  
myself,  
although I  
bet  
the  
rest  
are  
much  
the  
same,  
but  
I  
do  
it  
for  
fun.  
It  
is  
good  
to  
see  
the

Re: Yet more validation ... challenges!

sort  
of  
problems  
people  
really  
encounter,  
and  
help  
them  
solve  
it.  
And  
it  
is  
nice  
getting  
'to  
know'  
someone  
over  
the  
groups,  
I  
have  
even  
met  
up  
with  
some  
of  
them  
at  
events  
and  
the  
like.  
I  
haven't  
gotten  
anything  
in  
the  
way  
of  
consultancy  
from  
the  
groups,  
I  
get  
far

Re: Yet more validation ... challenges!

Re: Yet more validation ... challenges!

more  
by  
recommendation  
or  
from  
meeting  
people  
at  
seminars,  
conferences  
and  
the  
like,  
but  
it  
doesn't  
hurt  
to  
have  
something  
tangible  
to  
show  
people  
to  
backup  
my  
claims  
of  
myself  
<g>.

And  
of  
course,  
we  
learn  
ourselves  
by  
following  
posts.  
Only  
yesterday,  
I  
found  
a  
way  
of  
linking  
a  
textbox

Re: Yet more validation ... challenges!

on  
a  
sheet  
to  
a  
cell,  
soemthing  
I  
wasn't  
aware  
of.  
It  
is  
symbiotic.

And  
of  
course,  
there  
is  
tons  
of  
free  
stuff  
available  
on  
the  
net  
that  
I  
avail  
myself  
of  
regularly.  
I  
guess  
I  
intrinsically  
believe  
that  
we  
should  
do  
these  
things  
for  
free,  
give  
and  
get.

Re: Yet more validation ... challenges!

Whatever  
the  
answer,  
the  
result  
is  
a  
rare  
(unique?)  
example  
of  
where  
the  
world  
is  
as  
it  
should  
be!

The  
net  
can  
good  
and  
bad.  
I  
agree,  
this  
is  
one  
of  
its  
finer  
manifestations.

That  
was  
a  
new  
and  
more  
specific  
way  
of

Re: Yet more validation ... challenges!

saying  
"Thanks"!

Les  
BTW:  
I  
like  
"By  
the  
cringe",  
but  
what  
is  
<bg>

The  
<bg>  
is  
net  
shorthand  
for  
big  
grin,  
seeing  
as  
we  
can't  
add  
smileys  
to  
the  
NGs.  
It  
was  
my  
way  
of  
saying,  
I  
am  
only  
joking  
in  
the  
preceding  
statement,  
or  
that  
you  
aren't

Re: Yet more validation ... challenges!

pushing  
the  
the  
boundary  
of  
goodwill  
too  
far.

Others  
are  
<g>  
for  
grin,  
<ebg>  
for  
extra  
big  
grin  
or  
even  
bigger  
grin,  
plus  
all  
the  
usual  
acronymns  
like  
ROFL,  
LOL,  
etc.

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