

Re: Disabling Autocalculation when opening CSV files

Source:

<http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.programming/2008-05/msg01069.html>

- *From:* "Charles Williams" <Charles@xxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 6 May 2008 18:00:15 +0100
-

I do not know of a simple way to stop this happening.

The only way I have found is to use VBA to switch .EnableCalculation to false for each worksheet in the slow workbook. Here are 2 macros to do that. The usage scenario is:

Open your slow workbook.
Run the SwitchOff macro
open you CSV files

If you want to recalculate your slow workbook then
run the switchOn macro and press F9

```
Sub SwitchOff()  
Dim osht As Worksheet  
For Each osht In ActiveWorkbook  
osht.EnableCalculation = False  
Next osht
```

```
Set osht = Nothing  
End Sub
```

```
Sub SwitchOn()  
Dim osht As Worksheet  
For Each osht In ActiveWorkbook  
osht.EnableCalculation = True  
Next osht
```

```
Set osht = Nothing  
End Sub
```

regards
Charles

"johnmasvou" <johnmasvou@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:0D521C0A-E339-4499-B269-723CA781AB2F@xxxxxxxxxxxxxxxxxxxxxx>

Re: Disabling Autocalculation when opening CSV files

Thank you very much for the background info!

I am not very technical in Excel myself but I would like to add that:

1. I am using Excel 2002 to save and reopen these csv files
2. The calculation mode is always set to Manual (without recalculation before save)

Hence neither of the two seems to be the problem..

Do you have any ideas of how I can fix it for good? or do I need to learn to live with it :P?

"James Snell" wrote:

Thanks charles –

Excellent post – I'll need some cream for my humble pie and I think I'd better get some ketchup to go with my hat which I shall eat later.

(1) Appears to just be me being mentally deficient.

(2) The second part came from a guy I know at MS who's fairly high up technically, so there must have been something else in the mix with the client that we both missed. They had calculation definitely set to manual but were getting #ref's when they opened up a set of xl2000 worksheets in later versions and the cached data was getting dropped. I was told in good faith that the result cache was different in the app versions and so wouldn't open up, but that appears to be wrong.

~James

"Charles Williams" wrote:

James,

1. The change to a global calculation chain was in Excel 2002, not Excel 2003.

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2. I don't think it is correct that this change will trigger a recalc even in Manual calculation mode: try this test:

create a 2 sheet workbook using Excel 97 or Excel 2000

add this UDF

Option Explicit

```
Function Hello(theRange As Variant)
Application.Volatile
MsgBox "Hello " & theRange
End Function
```

in sheet1!a1 put
22
in sheet2 somewhere put
=Hello(Sheet1!a1)

Switch to Manual calculation and turn off Recalculate before save.

Press F9 to verify that you get a message on Recalc

Save the workbook as Book1 and close Excel.

Open Excel 2003
Open Book1

On my systems I do not get a Hello message until I press F9

Charles

The Excel Calculation Site
<http://www.decisionmodels.com>

"James Snell"
<JamesSnell@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:5B768701-DD90-42E8-A86C-83659DC8D89D@xxxxxxxxxxxxxxxxxxxx

That's slightly different issue from the one I mentioned, but very useful, I'll have to make a note of that.

The problems I've worked with relate to the fact that the entire

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calculation
tree is different. The instances I've worked
on have been
specifically
between during migrations from versions
that use sheet based
calculation
chains (so pre-2003) to 2003 onwards where
there is a unified
calculation
chain. Basically the result cache format is
totally different and
incompatible with the version it's being
loaded into, meaning the
recalc
is
unavoidable regardless of save status.

"Dave Peterson" wrote:

If you don't like that feature,
you can make a change to
the
registry:

Jim Rech posted this:

<http://groups.google.com/groups?threadm=uzkujhMHEHA.3284%40TK2MS>

Each recipient would have
to make this same change.

James Snell wrote:

It's worth
pointing out
that even
with manual
calculation
set you
may
till
sometimes
get a recalc
on opening
a workbook
under
certain
circumstances.
If

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the version
or build of
excel you're
using has a
different
calculation
engine
than the file
was last
saved in is
the most
common
example.

It's not
usually an
issue for
most folks
but it's
tripped up a
couple
of my
corporate
banking
clients
big-time
where
they've been
populating
data
using
an add-in
on one box
and
expecting to
rely on
cached data
elsewhere.

"Dave
Peterson"
wrote:

In
xl2003,
I
can
use:
tools|Options|calclatation
tab

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and
change
the
calculation
mode
to
manual.

johnmasvou
wrote:

Every
time
I
open
a
csv
file
it
recalculates
every
possible
formula
in
my
workbook,
taking
forever
to
open
it.
Is
there
any
way
to
disable
this
from
the
Excel
menu
options
rather
than
in
VBA?

Re: Disabling Autocalculation when opening CSV files

Dave
Peterson

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Dave Peterson