

Re: Caching?

Source:

<http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.programming/2006-11/msg01618.html>

- *From:* "Dean" <whooshbopbang4@xxxxxxxxxxxxx>
 - *Date:* Wed, 8 Nov 2006 09:55:03 -0800
-

I wasn't intending the value file 1 name to be taken literally – the issue seemed to be that the filename started with the word value, not that this might change your answer. And regardless of why I changed the filename, I did change it, and the file kept looking for the old input filename. Then, when I deleted the file altogether, the macro would not finish.

The author of the macro now says (and I quote):

"It wasn't handling the OT workbook correctly and was trying to process it as well. I'd thought I had worked around it well enough knowing it was going to be picked up by the FileSearch object, but I missed a line and it was what was causing the program to crash on the last file every time. "

In any event, I will ask the author to look at this thread, but it has gotten too high level for me to understand now, and I think it's time for me to let it go, since everything is working now, for whatever reasons, though it bothers me that the main problem was exhibited only on my most used, most powerful, computer. Fortunately, this macro was for a one time only job so I can probably 'get over it'.

Thanks so much for all your help and advice. I'm sure it's to prevent spam, but do I add dot com to your e-mail address shown?

Dean

"Peter T" <peter_t@discussions> wrote in message
news:OfsvS6xAHHA.992@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Perhaps I didn't pick up on what you re-describe below, it's been difficult to follow and got distracted by other problems with the code.

The only thing I can think of that might explain that scenario is if somehow the app-Filesearch is not correctly clearing an old search particularly in view of the filesearch object being retained as Global between sessions, however I would expect FS.NewSearch to reset. I tried to recreate your overall set-up with a few files and tried to run the original code.

Re: Caching?

However your code was throwing up errors in various places, particularly incorrectly keeping track of arrays. So without spending a lot of time rewriting not possible to get to the bottom of it. However at no time did Filesearch falsely find the oldname of a renamed file.

Despite that I'm still slightly suspicious that in your set-up of files Filesearch just might return the old-name of a renamed file. See if you can re-create the problem as before. If so entirely delete or move the rogue renamed file out of the search path. Make a new similar file with same new-name in the search path. Repeat the search, any difference.

If the oldname was found first time but recreate the problem again and in Sub GetFileList(), after the line With FS, add the following
.MatchTextExactly = True
(not sure why that would make a difference but just in case)

In passing I can't see any reason the code can't work with "value file1". The function GetFileDate tries to find if the last part of the name is a valid date. "1" is a valid date, namely 12-31-1899. If the name does not contain a trailing valid date the function would loop forever.

Regards,
Peter T

"Dean" <whooshbopbang4@xxxxxxxxxxxx> wrote in message
news:samdnflh_c77pMzYnZ2dnUVZ_uadnZ2d@xxxxxxxxxxxx

<< Not sure what you mean by "somehow, EXCEL remembers what files were called" other than use of the globals, variables declared at the top of the module (the code could be written without those). >>

At the expense of belaboring things, I am referring to the fact that I ran the macro and learned that it did not like one of the input file filenames it saw – let's call it "value file1" – I later learned that the programmer didn't allow for just any filename. So, I renamed (didn't copy) the

input

file to "portfolio file 1", a name that I knew would be compatible,
Then,

I

Re: Caching?

got a FRESH COPY of the template with the macro in it and reran the macro.

It then crashed saying it couldn't find "value file 1".

To my simple brain, this should be impossible, unless parts of the macro somehow reach outside the calling file.

Dean

"Peter T" <peter_t@discussions> wrote in message
news:eiG7HBtAHHA.996@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

There are many reasons for memory leaks, some very hard to track down.

In

the case of the code you posted the use of statement is 'End' will cause that particularly with all those global variables and arrays. But I

don't

think that's not why the code failed. There can be issues with the FileSearch but also don't think relevant here as it starts with

NewSearch

(I might be wrong).

Not sure what you mean by "somehow, EXCEL remembers what files were called" other than use of the globals, variables declared at the top of the

module

(the code could be written without those).

If you've already re-installed Excel don't worry about trying to 'reverse'.

Regards,
Peter T

Re: Caching?

"Dean" <whooshbopbang4@xxxxxxxxxxxx> wrote in message
news:jICdnZl8DM9XgMzYnZ2dnUVZ_vqdnZ2d@xxxxxxxxxxxxxxxxxxxx

I think it is this whole concept of memory
leaks that is beyond my

simple

intellect! ... that it appears that you can run a
macro, then exit
the

file

without saving, and yet, somehow, EXCEL
remembers what files were

called,

and expects to find them again – stuff like
that. Is there any URL or
thread that I might use to educate myself on
this, just conceptually?

Unfrotmautely, I did reinstall EXCEL. Can I
use system restore to
reverse
that and, if so, do you think I should bother
if all is just as it was
before. Isn't a clean copy always a good
idea, if you're willing to

suffer

through the installation?

Thanks so much for all your hard work. I'm
sorry that there had been

so

many iterations by the time you saw it!
Dean

"Peter T" <peter_t@discussions> wrote in
message
news:%23IAtOLsAHHA.2140@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Re: Caching?

Yes our two recent posts crossed.

Concerning your question in capitals in your other recent message,

and

similar 'what's going on' Q below I can only assume it's down to a combination of you not understanding the code (not your fault), a difference in the files and/or locations in respective systems and in particular

the

way the code is written. As I mentioned a while back there are a

number

of

things that could lead to errors which are not handled, and other things that could result in memory leaks.

However nothing I see likely to require re-installing Excel as you expected in your other thread.

Regards,
Peter T

"Dean"

<whooshbopbang4@xxxxxxxxxxxx>

wrote in message

news:tJadnfsEuaPWkszYnZ2dnUVZ_s6dnZ2d@xxxxxxxxxxxx

Re: Caching?

I am
confused by
which
message
you mean
by my last
message.
Perhaps,

our

posts are
crossing
one another.
I am
looking at
your initial
code

that

is

in

my present
renamed
file and it is
all green
fonted. I
was
virtually

certain

it was in the
last run too,
when
something
seemingly
caused the

macro

to

begin
having
questions
about
whether I

Re: Caching?

Re: Caching?

wanted to
reopen the
calling

file,

something it
was not
doing
previously
– it was just
terminating

prematurely.

I agree that
a
commented
macro
cannot
matter, so I
have to
assume
that,
somehow,
something
caused it to
start that
line of
inquiry, a

symptom

that

I

had seen
some time
ago,
admittedly.
In terms of
why the file
is
now

working

perfectly
when the
only

Re: Caching?

difference is
this that it
has been
again
renamed,
albeit with
commented
out code,
and the fact
that I did a
file dump

list

must have
something
to do with
the latter, I
assume.

Can doing a
file dump
list
somehow
clear out
EXCEL's or
VBA's

memory?

Indeed, this
file never
had a
problem on
other
computers. I
also

note

that,

after the file
would stop
prematurely,
at the
bottom left,
the

message

Re: Caching?

Re: Caching?

"processing
file 19 of
20" would
linger until
I closed out
EXCEL

completely.

Does any of
this make
sense?

D

"Peter T"
<peter_t@discussions>
wrote in
message
news:O2toE1rAHHA.2328@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

What
confuses
me
is
how
putting
in
a
bunch
of
stuff
that
is
all
commented
out
can
change
the
running
of
the
macro,

but

indeed

Re: Caching?

it

seems
to
have
created
a
new
problem
to
boot.

When
a
code
line
is
commented,
ie
preceded
with
an
apostrophe,
the

line

will
turn
green
(subject
your
VBE
options).
In
this
state
commented

code

does
absolutely
nothing.
In
other
words
inserting
what
I

Re: Caching?

Re: Caching?

previously
suggested
will
neither
remove
errors
nor
create
them.
However,
the

particular

code

I

suggested
should
not
cause
any
errors
even
with
the
apostrophes

removed

and
hence
executed.

When
the
code
breaks
remove
the
comments,
drag
the
yellow
cursor

to

the

Re: Caching?

first
line
of
code
and
'step
through'
with
F8.
You
should
see

stuff

in

the

immediate
window
as
I
described
before.

Why
didn't
you
try
the
test
code
I
suggested
in
my
last
message.

Regards,

Peter

T

"Dean"

<whooshbopbang4@xxxxxxxxxxxx>

wrote

in

message

news:WZidnifu4ev3fY83YnZ2dnUVZ_qudnZ2d@xxxxxxxx

Re: Caching?

It
wasn't
that
I
couldn't
comment
out
the
rows,
it's
just
that
I
didn't
think
you
would
want
me
to.
The
reason
I
didn't
is
because,
with

this

new
filename
dialog
box,
error,
it
seems
like
the
yellow
cursor
was

no

longer

where
it
used
to

Re: Caching?

Re: Caching?

be.
In
the
past,
when
the
macro
bombed
because
it
could
not
find
an
old
input
filename
I
had
renamed,
it
would
be
yellow

highlighted

at
the
"For
dFileCount
=
0
..."row,
which
is
just
prior
to
the
stuff
we
inserted
—
just
a
reminder,
after
I
deleted
the

Re: Caching?

renamed
file,
the
macro
no
longer
produced
an
error
message,
it
just
terminated
prematurely.

Now,
the
yellow
cursor
is
at
the
line
just
after
all
the
stuff
we
inserted
so
I
didn't
think
commenting
it
out
would
help,
since
the
macro

was

already

past
it
–
at

Re: Caching?

Re: Caching?

least
for
the
current
iteration.
It's
as
if,
now,
I

have

a

new

problem
to
deal
with.
What
confuses
me
is
how
putting
in
a
bunch
of
stuff
that
is
all
commented
out
can
change
the
running
of
the
macro,

but

indeed

it

Re: Caching?

uncomment
those
lines
and
then
step
through

them.

It
sounds
like
arrFiles
contains
the
name
of
your
open
file
and
hence

a

problem
when
the
code
tries
to
open
such
a
file.
Not
sure
how

as

from

what

I
can
make
out

Re: Caching?

Re: Caching?

the
procedure
GetFileName
should
eliminate.

In
the
same
module
add
the
following
and
run
it

Sub
DumpFileList()
Dim
dFileCount
As
Long

GetFileList

ActiveWorkbook.Worksheets.Add
For
dFileCount
=
0
To
UBound(arrFiles)
S
=
n
=
InStrRev(S,
"\")

Cells(dFileCount
+
1,
1)
=
-
Right(arrFiles(dFileCount),
Len(arrFiles(dFileCount))
-

Re: Caching?

```
InStrRev(arrFiles(dFileCount),  
"\"))  
Cells(dFileCount  
+  
1,  
2)  
=  
arrFiles(dFileCount)
```

Next

End
Sub

Inspect
the
list
of
filenames
&
fullnames,
does
it
include
everything

you

expect
or
does
it
include
your
open
file
name.

If
that
looks
OK,
run
your
code
again.
When
it
breaks
be
sure

Re: Caching?

to

press

bedbug
(not
end),
drag
the
yellow
arrow
all
the
way
down
to
End

sub,

press

F8
which
should
take
it
back
to
ImportFiles,
drag
the
yellow

cursor

down
to
End
sub
again.
In
DumpFileList
comment
out
DumpFileList
and
run

again.

Re: Caching?

Are

the
two
lists
the
same.

Regards,
Peter
T

"Dean"
<whooshbopbang4@xxxxxxxxxxxx>
wrote
in
message
news:ocSdnfNR7e_RJs3YnZ2dnUVZ_oKdn

I
assume
that
this
was
to
be
added
to
the
macro
with
nothing

taken

out,
right?
If
so,
this
is
what
happened.

At
the
point
where
it
usually
halts

Re: Caching?

(the
19th
file
being

imported),

instead

it
informed
me
that
"outputtemplate.xls"
is
already
open
and

asked

if

I
wanted
to
re-open
it.
Since
"outputtemplate"
is
the
very
file

that

the
macro
is
inside
of,
I
answered
no!
I
then
got
a
run
time

Re: Caching?

error

1004.

Ctrl

G
didn't
do
anything,
but
I
assume
it
is
the
same
as
choosing
the
debug
button,
which
I
did.
The
yellow
highlight
was
not
in
the
"for"

line

but
in
the
line
after,
"workbooks
open...,
so
there
was
no
way
I

could

Re: Caching?

Re: Caching?

move
it
to
the
next
uncommented
line,
except
to
move
it
backwards,
which,

I

assume,

makes
no
sense.

This
business
of
the
macro
asking
for
the
same
file
which
is
already

calling

it
has
also
been
a
fleeting
symptom
on
this
one
machine.
Yes,
it

Re: Caching?

is
in

the

folder
that
the
macro
is
supposedly
polling
for
its
contents,

so

it's

not

as

outrageous
as
when
it
asks
for
files
that
were
previously

deleted.

Just
to
be
sure,
I
reran
the
template
twice
without
your

changes

Re: Caching?

Re: Caching?

and,

neither
time,
did
it
produce
this
dialog
box
asking
if
I

wanted

to

re-open
the
calling
file.
I
am
not
the
sharpest
knife
in
the
drawer
but,
considering
that
everything
we
added
was
commented
out,
that

seems

pretty

odd,
don't
you
think?

Re: Caching?

Thanks
a
lot!
Dean

"Peter
T"
<peter_t@discussions>
wrote
in
message
<news:u%23QR2jIAHHA.1196@xxx>

```
Add
the
following
after
the
For
dFileCount
=
0
line

For
dFileCount
=
0
To
UBound(arrFiles)
'
Application.ScreenUpdating
=
true
'
Debug.Print
Err.Number;
Err.Description
'
Debug.Print
"dFileCount
",
dFileCount
'
Debug.Print
"UBound(arrFiles)
",
UBound(arrFiles)
'
If
```

Re: Caching?

```
dFileCount  
<=  
(arrFUBoundiles)  
Then  
,  
Debug.Print  
(arrFUBoundiles)  
,  
End  
If  
,  
Exit  
Sub
```

```
When  
the  
code  
breaks:  
-  
press  
ctrl-g  
to  
open  
the  
Immediate  
(debug)  
Window  
-  
remove  
the  
comments  
-  
drag  
the  
yellow  
cursor  
down  
to  
the  
first  
newly  
uncommented
```

line

```
-  
press  
F8  
repeatedly  
to  
Step
```

Re: Caching?

through
the
code

Are
the
dubg
comments
consistent
with
what
you
expect,
any

error

messages

while
stepping
through.

Regards,
Peter
T

"Dean"
<whooshbopbang4@xxxxxx
wrote
in
message
news:iu-dnQfsm8Zea9LYnZ

Well,
this
is
where
it
gets
even
messier.
The
author
kept

revising

the

maco

Re: Caching?

to
try
to
make
the
problems
go
away,
with
no
success.
What

I

sent

you

was
his
latest
version.
In
this
last
version,
there
is
no

error

message

-

it

just
stops
prematurely
at
the
spot
where
there
used
to
be
a

Re: Caching?

file

that

was

deleted
or
renamed.
I
think
this
is
not
materially

different

from

the

original
file,
as
far
as
the
failure
modes.
It
was
also

just

stopping

without
finishing,
later
on,
after
i
deleted
the
renamed
file.
But,
in
terms

Re: Caching?

of
the
original
macro,
when
it
first
bombed
out,

after

I

renamed

the
file
but
before
I
chose
to
delete
the
renamed
file,
it
said
it
could

not

find
the
file
I
had
deleted,
and
when
I
hit
debug,
the

yellow

background

Re: Caching?

Re: Caching?

highlight
was
at
what
is
now:

```
For  
dFileCount  
=  
0  
To  
UBound(arrFiles)
```

If
you
can
stomach
to
read
on,
here
is
the
exact

subroutine,

as

it

was

then.

The
actual
line
highlighted
is
the
very
first
line:
For
d
=
0

0

Re: Caching?

To