

RE: How to handle the exception that user quite the Outlook while

Source:

http://www.tech-archive.net/Archive/Outlook/microsoft.public.outlook.program_vba/2005-06/msg00083.html

- *From:* VBA question <VBAquestion@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 3 Jun 2005 04:38:02 -0700
-

Many Thanks for your time, Eric.

Regards

Shu

Eric Legault [MVP – Outlook] TM

- > If you have a handle to an e-mail item that you've hooked into from your VBA
- > project (or another Office app, or VB6, etc.), then you can control some
- > things that the user does with events. In your case, you can trap the
- > Item_Close event and *cancel* it if you can introduce some logic (e.g. Excel
- > file not in desired state) that tells you whether it is safe to close or not.
- >
- > However, you cannot cancel the Application_Quit event (fired when Outlook
- > closes), which is actually quite useless. You also cannot cancel the Close
- > event with VBScript if you are using a custom form.
- >
- > If you want more info on hooking into e-mail items, see my article about
- > this on my blog:
- >
- > Getting a Handle on Your E-mails with VBA:
- > <http://blogs.officezealot.com/legault/articles/2224.aspx>
- >
- > --
- > Try Picture Attachments Wizard for Outlook!
- > <http://tinyurl.com/9bby8>
- > --
- > Eric Legault – B.A, MCP, MCSD, Outlook MVP
- > Job: <http://www.imaginets.com>
- > Blog: <http://blogs.officezealot.com/legault/>
- >
- >
- > "VBA question" wrote:
- >
- >> Hi Eric,
- >> I am sure Outlook does not wait for a macro to complete before shutdown
- >>> since I did the test. Is there any way to prevent the shutdown appropriately
- >>> by users? For example, like the way when users try to close a Excel file. If

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>> the file is not saved, it will provide the user second chance to decide
>> whether close it with or without saving.
>>
>> I appreciate your time a lot.
>>
>> Regards
>> Shu
>>
>> Eric Legault [MVP – Outlook] TM
>>
>>> Your users *shouldn't* be able to shut down Outlook while your code is
>>> running, unless it is a very lengthy operation. However, I'm not quite sure
>>> if Outlook will wait for a macro or Add-In to complete before completing it's
>>> shut down process. And regardless of the application or solution, there's
>>> not much a developer can do to handle OS or hardware failure.
>>>
>>> If running your Excel automation code via user intervention (clicking a
>>> button) is not what you'd like, think about when a user may be doing
>>> something that makes sense for this code to execute, like opening an e-mail
>>> (Item_Open), saving (Item_Save) or sending (Item_Send). These and other
>>> events could be handy hooks to launch your custom process.
>>>
>>> --
>>> Try Picture Attachments Wizard for Outlook!
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>>> --
>>> Eric Legault – B.A, MCP, MCSD, Outlook MVP
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>>>
>>>
>>> "VBA question" wrote:
>>>
>>>> Hi Eric,
>>>> The operations I want to automate are:
>>>> 1. Save an Exel attachment of a mail item.
>>>> 2. Read an Exel database file to get the current largest reference number,
>>>> plus one as the reference number of the mail.
>>>> 3. Save the new reference number to the Excel database file.
>>>> 4. Set the UserProperty of the mail as "read".
>>>> 5. Sent back a confirmation letter with the reference number.
>>>>
>>>> If my program stopped at operation 3, then next time the program start
>>>> again, the same mail item is read again and set another new reference number,
>>>> which is a disaster for the application.
>>>>
>>>> My old design is using a timer to run those operations automatically, but
>>>> ignoring the case that the user can close the Outlook and stop the program at
>>>> any time. If I add an command button to let user click then run the program
>>>> as you suggested, then such exception become much less.
>>>>

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>>>> However, the solution still does not prevent the problem completely. In the
>>>> case of the computer is shut down for some other reason like hardware
>>>> problem, such exception still could happen.
>>>>
>>>> Do you have any other good ideas?
>>>>
>>>> Thanks very much.
>>>> Shu
>>>>
>>>> Eric Legault [MVP – Outlook]
>>>>> What is it exactly that you are automating?
>>>>>
>>>>> --
>>>>> Eric Legault – B.A, MCP, MCSD, Outlook MVP
>>>>> --
>>>>> Try Picture Attachments Wizard for Outlook!
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>>>>> --
>>>>> Job: <http://www.imaginet.com>
>>>>> Blog: <http://blogs.officezealot.com/legault/>
>>>>>
>>>>>
>>>>> "VBA question" wrote:
>>>>>
>>>>>> Hi Eric,
>>>>>> Thanks very much for the suggestions. I wanted to completely automate the
>>>>>> operations, but it seems this is impossible on the client side.
>>>>>>
>>>>>> Thanks again and regards,
>>>>>> Shu
>>>>>>
>>>>>> Eric Legault [MVP – Outlook]"
>>>>>>
>>>>>>> No, Outlook doesn't support a transactional data model.
>>>>>>>
>>>>>>> I would redesign your solution so that your custom operations are linked to
>>>>>>> any of the events exposed by the Object Model. This approach is user-driven,
>>>>>>> and would be more stable than having your application doing whatever it wants
>>>>>>> without knowing what the user could be doing at any given time, which is a
>>>>>>> recipe for disaster.
>>>>>>>
>>>>>>> --
>>>>>>> Eric Legault – B.A, MCP, MCSD, Outlook MVP
>>>>>>> --
>>>>>>> Try Picture Attachments Wizard for Outlook!
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>>>>>>>
>>>>>>>

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>>>>>> "VBA question" wrote:
>>>>>>
>>>>>>> Hi Experts,
>>>>>>> I screw up on handling the exception that user quite the Outlook while VBA
>>>>>>> is still running. This normally does not happen so I never thought it before.
>>>>>>> But now my program in Outlook is triggered by a timer at a fixed interval,
>>>>>>> its operations are invisible to the outlook user. hence very possible that
>>>>>>> the user close the Outlook when the program is still running the code. This
>>>>>>> would cause the operations uncompleted and causing big trouble. Is there
>>>>>>> something like transatcions in database so I can roll back each operation
>>>>>>> when such exception happens.
>>>>>>>
>>>>>>> Please give me some hints how to solve such problem.I would appreciat your
>>>>>>> help a lot.
>>>>>>>
>>>>>>> Thanks very much and Regards
>>>>>>> Shu

• **References:**

- ◆ ***RE: How to handle the exception that user quite the Outlook while***
 ◇ From: VBA question
 - ◆ ***RE: How to handle the exception that user quite the Outlook while***
 ◇ From: Eric Legault [MVP – Outlook]
 - ◆ ***RE: How to handle the exception that user quite the Outlook while***
 ◇ From: VBA question
 - ◆ ***RE: How to handle the exception that user quite the Outlook while***
 ◇ From: Eric Legault [MVP – Outlook]
- Prev by Date: ***Re: Restrict method problem***
 - Next by Date: ***Re: insert signature with VBA***
 - Previous by thread: ***RE: How to handle the exception that user quite the Outlook while***
 - Next by thread: ***Re: recurrence pattern – every weekday + redemption***
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