

Re: Making sure data is saved on closing application

Source: <http://www.tech-archive.net/Archive/VC/microsoft.public.vc.mfc/2005-12/msg01760.html>

- *From:* "kizmet space adventures (remove 'not.' for emailing)"
<pleasedo.not.mailme@xxxxxxxxxxxxxxxx>
 - *Date:* Thu, 22 Dec 2005 20:34:32 GMT
-

On Thu, 22 Dec 2005 15:07:08 -0500, Joseph M. Newcomer
<newcomer@xxxxxxxxxxxxxxxx> wrote:

>If you are using doc/view, which is what it sounds like, it is your responsibility to call
>CDocument::SetModified(TRUE) whenever you make a change. Otherwise, there is no way to
>know the document actually has a change.

>

It uses classes inherited from CDocument and CRecordView. What you say applies here then?

Thanks for your help,

Ben

>One way of handling this is to make sure there is no way to modify the structure of the
>document by manipulating member variables of the CDocument class; instead, provide
>functions that modify the values, e.g.

>

>void CDocument::AddThing(Thing * p)

> {

> ...add the thing

> SetModified(TRUE);

> }

>

>this guarantees that you can't ever make a change without causing the modified flag to be
>set.

> joe

>

>On Wed, 21 Dec 2005 21:53:13 GMT, "kizmet space adventures (remove 'not.' for emailing)"

><pleasedo.not.mailme@xxxxxxxxxxxxxxxx> wrote:

>

>>On Tue, 20 Dec 2005 19:56:13 GMT, "kizmet space adventures (remove

>>'not.' for emailing)" <pleasedo.not.mailme@xxxxxxxxxxxxxxxx> wrote:

>>

>>>Hi,

>>>

>>>I have built myself the following application from "Teach Yourself

Re: Making sure data is saved on closing application

>>>Visual C++ in 21 Days' chapter 'Day 14 – Retrieving Data from an ODBC
>>>Database'
>>>
>>><http://serghei.net/docs/programming/c++/ty%20visualC++6%2021%20days/ch14/ch14.htm>
>>>
>>>The application lets you edit and add records to a database (as well
>>>as just retrieve them). The application uses recordset flags in code
>>>to make sure that data is saved if you edit one record and move to
>>>another. However, there is no code to make sure new or edited data is
>>>saved when the application is exited.
>>>
>>>After having poked about, I have found the ID_APP_EXIT event which I
>>>can capture for the MainFrame class (IE it works when I select 'exit'
>>>from the drop down menu), however, I haven't managed to find any way
>>>of preventing the application from closing in order to perform an 'is
>>>the data saved?' check when the 'cross' button at the top right hand
>>>corner of the application is clicked.
>>>
>>>I was hoping I could get some help here. Is this an MFC issue – or is
>>>it a Windows API thing?
>>>
>>>Thanks
>>
>>Thanks for all of your replies. I still haven't found the right answer
>>for the application above. However, I have had a look at the example
>>application for the previous chapter in the book
>>
>><http://serghei.net/docs/programming/c++/ty%20visualC++6%2021%20days/ch13/ch13.htm>
>>
>> (which essentially describes how to make a Serialized application). I
>>ran the application, and lo and behold, if data is added or changed,
>>then a warning dialog appears when the frame 'x' button is clicked.
>>Having a quick rummage through this previous chapter I can't find any
>>explicit explanation of how this happens. I guess the necessary code
>>is installed by the DECLARE_SERIAL and /or the IMPLEMENT_SERIAL
>>macros. Hmm. Perhaps I should declare the document class (for the
>>application I'm currently working on) as serializable?
>Joseph M. Newcomer [MVP]
>email: newcomer@xxxxxxxxxxxxx
>Web: <http://www.flounder.com>
>MVP Tips: http://www.flounder.com/mvp_tips.htm

• *Follow-Ups:*

◆ *Re: Making sure data is saved on closing application*

◇ From: Joseph M . Newcomer

• *References:*

Re: Making sure data is saved on closing application

- ◆ **[Making sure data is saved on closing application](#)**
 - ◇ *From:* kizmet space adventures (remove 'not.' for emailing)
- ◆ **[Re: Making sure data is saved on closing application](#)**
 - ◇ *From:* kizmet space adventures (remove 'not.' for emailing)
- ◆ **[Re: Making sure data is saved on closing application](#)**
 - ◇ *From:* Joseph M . Newcomer

- Prev by Date: **[Re: CFormView and Tab control](#)**
- Next by Date: **[Re: Making sure data is saved on closing application](#)**
- Previous by thread: **[Re: Making sure data is saved on closing application](#)**
- Next by thread: **[Re: Making sure data is saved on closing application](#)**
- Index(es):
 - ◆ **[Date](#)**
 - ◆ **[Thread](#)**