

## Re: Preserve State

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*Source:*

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.csharp/2007-09/msg03741.html>

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  - *Date:* Sun, 30 Sep 2007 16:13:53 -0400
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"Martijn Mulder" <[i@m](mailto:i@m)> wrote in message [news:46fffc9\\$0\\$94823\\$dbd4f001@xxxxxxxxxxxxxxxxxxxxx](news:46fffc9$0$94823$dbd4f001@xxxxxxxxxxxxxxxxxxxxx)

In a simple desktop application, when the user starts my program again, I want her to find things just as she left them last time. What is a simple straightforward way to implement such persistence?

Look at the MSDN documentation for the `System.Configuration.ApplicationSettingsBase` class and the See Also Reference links. There are a lot of links that describe how.

Also  
<http://msdn2.microsoft.com/en-us/library/0zszyc6e.aspx>

When I go through the steps described in the link above and implement an `ApplicationSettingsBase`-object for my Form, the system writes out a file 'user.config' somewhere deep in `C:\Documents and Settings\UserName\Local Settings\Application Data\...` This file contains xml. When I (deliberately) corrupt this file I can no longer read from it or write to it. The exception it raises can be caught with two `try{}catch{}` blocks, one for reading it and one for writing to it. But then the whole mechanism is vanished. I cannot read from the corrupt file, I cannot write to the corrupt file and I cannot (until now) replace it with a new and valid user.config file.

Is there a safe way to start with a clean sheet, once the user.config file is corrupted?

Well, there's a reason that the file is buried where it is. The file is maintained by the framework...there's really no reason for you to be mucking with it...and in fact can be located in a different location based on whether it's click-once, roaming profile, even version number of the app. Let the framework handle this file and you should be fine...

There is a `Reset()` function on `applicationSettingsBase` that you could try calling but I think that still tries to

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call a Reload(), which will cause an exception if the file is corrupt.

ANY data file that has corrupted data will cause unexpected results, whether it's an XML file that the framework is maintaining or some binary file that you are writing.

—

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a.a. #705, BAAWA. EAC Guardian of the Horn of the IPU (pbuhh).

The answer is 42; DNRC o—

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