

RE: Concurrency issue

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet.webcontrols/2008-07/msg000>

- *From:* stcheng@xxxxxxxxxxxxxxxxxxxxxx (Steven Cheng [MSFT])
 - *Date:* Wed, 02 Jul 2008 09:23:53 GMT
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Hi Varde,

Have you got any progress on this issue or does the information in my last reply help you some?

If you have any further specific questions, please feel free to post here.

Sincerely,

Steven Cheng

Microsoft MSDN Online Support Lead

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From: stcheng@xxxxxxxxxxxxxxxxxxxxxx (Steven Cheng [MSFT])
Organization: Microsoft
Date: Mon, 30 Jun 2008 03:31:20 GMT
Subject: RE: Concurrency issue

Hi Varde,

RE: Concurrency issue

Regarding on the data editing/updating question you mentioned, it is actually related to the Data Accessing's concurrent violation handling topics. No matter you're dealing with data in ASP.NET or desktop application, as long as the data is potentially be updated by multiple client concurrently, we will have to consider such issues.

In .NET framework, we'll consider handling such concurrent violation at ADO.NET layer. Here are some web articles mentioned some general ideas and concepts:

#Handling Data Concurrency Using ADO.NET
<http://msdn.microsoft.com/en-us/magazine/cc163924.aspx>

#Concurrent Model in ADO.NET
http://www.codeguru.com/csharp/.net/net_data/datagrid/article.php/c12969/

Also, in the ASP.NET Data Access tutorial, I also find the following one which is focus on the concurrency handling demonstration:

#Implementing Optimistic Concurrency
<http://www.asp.net/Learn/data-access/tutorial-21-cs.aspx>

You'll find that the common approach is always compare all the fields of the record when performing update into database so as to avoid overwrite the other ones' changes. And the ADO.NET layer can capture such concurrent error.

Sincerely,

Steven Cheng

Microsoft MSDN Online Support Lead

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RE: Concurrency issue

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