

Re: Multiple concurrent isolated transactions on ADO Dataset

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.adonet/2005-05/msg00771.html>

- *From:* "Rogas69" <rogas69@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 17 May 2005 16:27:05 +0100
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What database do you use? You describe scenario that is easily handled by practically any database. You said that amount of data is huge – creating per-user copies will kill your server – think about memory allocation and copying. Is it not possible to operate directly on database?

Peter

"Mark Roberts" <Mark_Roberts@xxxxxxxxxxxxxxxx> wrote in message news:exDNqHvWFHA.612@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

- > Hi,
- >
- > I have been thinking about a problem for some time, and i'd like to throw
- > it open to the newsgroups in case someone has come across a similar
- > situation.
- >
- > I have a C# .Net 2.0 web application with a very large server-side dataset
- > (i.e. can only be 1 in memory).
- >
- > I have multiple users that wish to make changes to the dataset, and each
- > user's should be batched up and only visible to themselves until they're
- > committed, at which point they become part of the main dataset.
- >
- > I am thinking of have one dataset per user as well as the main dataset,
- > and recording changes into the user-based dataset.
- >
- > This is ok, but it adds a lot of complexity when querying the data, since
- > queries are essentially across two datasets.
- >
- > Ideally, i'd like to have multiple transaction layers on the main dataset,
- > one for each user that isolates their changes, but permits dataset
- > searching to work in the context of their transaction until it's committed
- > or rolled back.
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- > Many thanks!
- > Mark.
- >

- **Follow-Ups:**

- ◆ **Re: Multiple concurrent isolated transactions on ADO Dataset**
◇ From: Mark Roberts

- **References:**

- ◆ **Multiple concurrent isolated transactions on ADO Dataset**
◇ From: Mark Roberts

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