

Re: Persisting a Dataset

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.adonet/2005-05/msg00175.html>

- *From:* "Beth Massi [Architect MVP]" <bmassi@xxxxxxxxxxxx>
 - *Date:* Thu, 5 May 2005 11:00:20 -0700
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I'm not sure you're going to get around the memory issue without possibly using cross-appdomain remoting because Terminal Server will create separate app domains for each exe that is running. Also, the DataTable would have to be read-only because I don't see how you could update the table in a threadsafe manner through databinding. This is an interesting issue I may have to play with. One approach could be to create a separate library with a remotable Singleton class (inherits MarshalByRefObject) and is thread safe which would load the table into memory and serve all the exes. I'm not sure how the databinding would behave though. You may end up having to serialize the DataTable across the appdomain anyways and that would defeat the purpose.

How many TS sessions are you running? How much memory is that DataTable actually using? You may have an easier time breaking down the amount of data you load into the table. Does the user really need all that data available at once? Is there a way you can fetch the data only if it is needed? If you can store the table to disk and load it into memory only when needed, that may be an easier solution.

"JT" <Jthayer@xxxxxxxxxxxx> wrote in message
news:CA1CC017-8B36-4088-BA9F-A2179D895F4E@xxxxxxxxxxxxxxxx

> Hi,
> I have a Windows Forms app deployed on Terminal Server. When the app
> starts, it loads up several datatables that then serve as the datasource
> for
> comboboxes throughout the app. One of these datatables has about 5000
> ROWS,
> at 2 columns each. I would like to avoid having each user's instance of
> my
> app load such a large datatable into memory. Any suggestions on how I can
> load a globally common instance of this data, that can be used by each
> instance of my app?
> --
> John

- **Follow-Ups:**

- ◆ **Re: Persisting a Dataset**

- ◇ *From: JT*

- **References:**

- ◆ **Persisting a Dataset**

- ◇ *From: JT*

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