

## Re: Huge data

**Source:**

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jy <jy@discussions.microsoft.com> wrote:

> > Well, you *\*could\** use *DataReader*, but I wouldn't recommend that. Just  
> > use a *select* statement that selects a single row, or a page-worth of  
> > rows.  
>  
> I haven't much used *dataReaders*. Can you tell me how to select a group of  
> rows and sequentially call the next group when needed?

Doing that would be a bad idea, IMO. You really don't want to use  
*DataReader* here.

> > > 2- won't it be too slow?  
> >  
> > Have you tried it? We don't know much about your database – you haven't  
> > told us much information about the situation.  
>  
> Well, the database is made of over 1000 Tables. You have around 50 users.  
> It's an Oracle 9i DataBase. I haven't tried it but I suspect that having to  
> connect everytime to the database to get a record or a group of records will  
> take more time than retrieving all the data and work with it offline, no?

Not necessarily – and if working with it offline just isn't an option,  
as it seems it isn't, given the exception you've got, surely it's  
better to have something that works than something that doesn't.

Note that connecting every time doesn't necessarily mean making a new  
underlying database connection each time – connection pooling takes  
care of that for you.

> > > 3- How will I search the tables for specific rows?  
> >  
> > Using a *select* statement.  
>  
> Yes, but by using *select* statement, I will lose the feature of  
> *DataManager* to filter locally the rows and displaying the rows I need at  
> any time. Plus, I will have to send a query to the database everytime.

And do you have evidence (rather than just guesses) that that will be too slow?

Don't forget that you could always fetch, say, 100 records and then allow further filtering within those.

> > > 4- Will it be possible to update / delete / insert rows?  
> >  
> > Yes. For update/delete, you use a row you've already fetched. For  
> > insert, you don't need any existing data, do you?  
>  
> Yes but it won't be working like the rest of the application where I could  
> update many rows before send the commit to the database.

So keep a table with all the data you're updating and then send it in one go – that still doesn't mean you need to have the whole table in memory at a time, unless you're updating every row in the table.

> In a way, I know that all these arguments are minor problems, but I need to  
> know if it's possible in this case to make it work like the rest of the  
> application (DataViewManager filter, multiple update before commit, ...), or  
> if it will have to be different.

If you can't fit the whole of the data into memory, as it looks like you can't, then it will clearly have to be different.

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If replying to the group, please do not mail me too