

passing ArrayLists to database

Source:

http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.distributed_apps/2004-10/0027.html

From: Ken (*Ken_at_discussions.microsoft.com*)

Date: 10/06/04

Date: Tue, 5 Oct 2004 21:55:01 -0700

Hi,

I have to pass large objects (class instances) to SQL 2000 DB. The objects usually contains ArrayLists of other objects (also classes instances). The objects are returning from the client and some of their data was maybe modified by the user. The final update is being done using stored procedures.

Few questions:

1. What would be the best systematic way to find out what properties in the object was modified – taking into account that some of the properties are collection of other objects?
2. I would like to be as chunky as possible but without updating what need not to be updated. So on one hand I want to pass the data with the minimum numbers of calls to the DB, and on the other hand I don't want to send the whole object and update data the the user did not modified. This is especially important with the Arraylist as any update means locking a row in the table for nothing.
3. What would be the best way to pass the ArrayLists as parameters to the stored procedure? I was thinking converting them to datasets or to xml strings?

Thanks,

--

Ken