

Re: DAL or BOL? Can someone clarify?

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<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2006-09/msg02714.html>

- *From:* "Nemisis" <darrens2005@xxxxxxxxxxx>
 - *Date:* 20 Sep 2006 03:19:24 -0700
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Mark Rae wrote:

"Nemisis" <darrens2005@xxxxxxxxxxx> wrote in message
news:1158742917.099622.248710@xx

I was wondering about where this code should go.

Basically i have several tables in my database, when i add a row to a particular table, i will need to also add other entries in other tables.

I would consider this to be code that should be in the BOL? Am i right in thinking that?

The same if i was deleting records in the database, if a record is deleted from one table, i need to also delete other entries in other tables, BOL or DAL?

My database is setup with relationships so SQL will report errors on foreign keys that cannot be deleted, so this is the one reason why i thought it may go in the DAL, but then again, it is a business rule, that if one row is deleted in one table, other row in other tables should be deleted.

Can someone please let me know, or pass an article for me to read.

I would say that in this case it's a combination of both BOL and DAL, depending on how your DAL is constructed.

E.g. in my standard DAL I have an ExecuteInTransaction method which takes multiple database writes and executes them in an explicit transaction, returning a collection of the return values of each individual write plus an overall bool of whether the transaction was committed or rolled back.

I would therefore construct a method or even an entire class in my BOL which

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would assemble the various SQL actions and then pass them to the ExecuteInTransaction method in my DAL.

Mark,

Thanks for this, i have got my DAL and BOL that both accept a IDbTransaction property, so i think i can handle it just as you said.

Cheers

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