

## Q: DataSets and SQL Server

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  - *Date:* Fri, 27 Jan 2006 15:39:50 -0000
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Hi

I'm hoping somebody can help me with the following problem that has occurred to me.

Suppose I have two tables in an SQL Server database. Let's call these tables A and B. Assume that A has two fields: a primary key and another holding a string. In table B there are three fields: a primary key, a foreign key (which links to the primary key in A) and other field holding a string.

Suppose I load these tables into a DataSet. I populate table A with some rows. For each of these rows I create some rows in B which are linked by the foreign key to A i.e. there is a one to many relationship between A and B. Once this is done, I update the DataSet via a DataAdaptor such that these tables are transferred to the SQL database.

My question is this. As far as I can see, the values in the primary key of A and the corresponding keys in B will not necessarily be the same in the DataSet and the SQL database! Do you see what I mean? I can't see how the relationship specified is still valid after the Update.

Can anybody explain this to me?

Thanks in advance

Geoff

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