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Subject: Re: multi2

Posted by [AJM](#) on Wed, 11 Apr 2007 15:59:25 GMT

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Every table in a relational database is supposed to have a primary key. EMP\_PHONE should therefore have a primary key of EMPLOYEE\_ID + PHONE\_ID which will prevent the same PHONE\_ID from being added to the same EMPLOYEE\_ID more than once. This will also allow an EMPLOYEE\_ID to have more than one PHONE\_ID, and allow a PHONE\_ID to be shared by more than one EMPLOYEE\_ID.

When you want to change an employee's phone number using this design what you have to do is DELETE the old one before INSERTING the new one. Some DBMS engines do not allow primary keys to be updated (which is why technical primary keys were invented in the first place), so this is the way to do it. The Radicore framework follows this traditional convention by not allowing any part of a primary key to be updated in its default processing. However, it is possible to update a primary key with custom code as I mentioned in a previous post.

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