

Re: Changind a Primary Key value

Source:

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Date: 08/05/04

Date: Thu, 05 Aug 2004 14:19:51 +0200

On Thu, 5 Aug 2004 14:55:45 +0200, "Shai Goldberg"
<gshai(Remove-it)@shamir.co.il> wrote:

>Hi,

>

>I have a table with a Primary Key field that is an integer (int) data type
>with auto increment.

>

>Is there a way to change the value of the ID field (e.g. currently it is 100
>and I want to change it to 20, is it possible?)

>

>Thanks,

>

Hi Shai,

Do you mean that after inserting data, you want to manually change the ID
for one of the rows inserted?

Unfortunately, that is not possible.

>From Books Online:

Error 8102

Severity Level 16

Message Text

Cannot update identity column '%.*Is'.

Explanation

You have specifically attempted to alter the value of an identity column
in the SET portion of the UPDATE statement. You can only use the identity
column in the WHERE clause of the UPDATE statement.

Action

Updating of the identity column is not allowed. To update an identity
column, you can use the following techniques:

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To reassign all identity values, bulk copy the data out, and then drop and re-create the table with the proper seed and increment values. Then bulk copy the data back into the newly created table. When bcp inserts the values it will appropriately increase the values and redistribute the identity values. You can also use the INSERT INTO and sp_rename commands to accomplish the same action.

To reassign a single row, you must delete the row and insert it using the SET IDENTITY_INSERT tblName ON clause.

Best, Hugo

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(Remove _NO_ and _SPAM_ to get my e-mail address)