

Re: Quick question re: locks and triggers

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Date: 08/05/04

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On Thu, 5 Aug 2004 06:17:22 -0700, Steve wrote:

>Hi all,
>
>Just learning about triggers and have a quick question.
>An insert statement holds an exclusive lock whilst the new
>row is written. What happens to the lock when an AFTER
>INSERT trigger is involved ?? Does the trigger hold the
>exclusive lock until it has terminated and the result
>returned to the client ??
>
>ie: is it therefore impossible for another process to
>insert until the trigger has finished it's work ??
>
>thanks
>Steve

Hi Steve,

The lock is not held by the insert statement or by the trigger, but by the transaction. The lock will only be released when the transaction is either committed or rolled back. Since the execution of the trigger is always part of the same transaction as the execution of the statement that fired the trigger, the answer is: yes, the lock will be held until the trigger has finished.

Best, Hugo

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