

Re: execute SP at same time??

Source:

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From: hngo01 (*hngo01_at_hotmail.com*)

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Overview of my application: I have two small applications.

1st application will be running on two computers. Its functionality is to get a first available record and using Account number to get other info such as [scc4PolicyNum] and [scc4PolicyHolder] from different source. Then update these fields to the Database.

The whole process takes about 5 seconds.

Seconds PC will do the same thing. (Make sure don't get the same record with the 1st PC. That's what I have trouble now!)

2nd application will be running on 3 computers (3 users).

Its functionality is to get a first available record that UPDATED by the 1st application. Users will read this record and update more info to the Database.

Here is my table structure. I don't have Index should I need too. Thank you for your help?

```
CREATE TABLE [dbo].[tblSc4] (  
    [AutoKey] [int] IDENTITY (1, 1) NOT NULL ,  
    [LastName] [varchar] (50) COLLATE  
SQL_Latin1_General_CP1_CI_AS NULL ,  
    [FirstName] [varchar] (50) COLLATE  
SQL_Latin1_General_CP1_CI_AS NULL ,  
    [MI] [varchar] (50) COLLATE  
SQL_Latin1_General_CP1_CI_AS NULL ,  
    [SSN] [varchar] (50) COLLATE  
SQL_Latin1_General_CP1_CI_AS NULL ,  
    [DOB] [datetime] NULL ,  
    [Account] [varchar] (50) COLLATE  
SQL_Latin1_General_CP1_CI_AS NULL ,  
    [Status] [int] NOT NULL ,  
    [CompleteDateTime] [datetime] NULL ,  
    [CompletedBy] [varchar] (50) COLLATE  
SQL_Latin1_General_CP1_CI_AS NOT NULL ,
```

microsoft.public.sqlserver.programming: Re: execute SP at same time??

```
[ProcessByPC] [varchar] (50) COLLATE
SQL_Latin1_General_CP1_CI_AS NOT NULL ,
[ProcessByPCDateTime] [datetime] NULL ,
[StateMedID] [varchar] (10) COLLATE
SQL_Latin1_General_CP1_CI_AS NOT NULL ,
[Pgm] [varchar] (50) COLLATE
SQL_Latin1_General_CP1_CI_AS NOT NULL ,
[scc4PolicyNum] [varchar] (200) COLLATE
SQL_Latin1_General_CP1_CI_AS NOT NULL ,
[scc4PolicyHolder] [varchar] (200) COLLATE
SQL_Latin1_General_CP1_CI_AS NOT NULL
) ON [PRIMARY]
GO
```

>-----Original Message-----

>hngo01 (hngo01@hotmail.com) writes:

>> I appreciated your response

>> Can you please explain to me why you remove "return 0" ?

>

>Because I had placed BEGIN TRANSACTION on procedure entry, and had

>RETURN 0 remained in place, you would have left the procedure without

>committing the transaction.

>

>> This method is for table-level locking!!

>> How about for row-level locking method? How do you do this?

>

>The method is not for table-locking per se, but depending how you call

>it and which indexes you have, the strategy may lead to serializing

>access to the table completely.

>

>Since I don't know your application, I cannot really comment in detail.

>Could you post the CREATE TABLE and CREATE INDEX statements for your

>table?

>

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>Erland Sommarskog, SQL Server MVP, sommar@algonet.se

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>Books Online for SQL Server SP3 at

><http://www.microsoft.com/sql/techinfo/productdoc/2000/books.asp>

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