

## Re: stored procedure

**Source:**

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.server/2004-10/3899.html>

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**From:** Tibor Karaszi (*tibor\_please.no.email\_karaszi\_at\_hotmail.nomail.com*)

**Date:** 10/29/04

Date: Fri, 29 Oct 2004 15:30:24 +0200

Seems you can't have a variable for the database name in CREATE DATABASE. You would have to build the whole CREATE DATABASE command in a variable and use EXEC(@sql) to execute the statement.

But why do you want to create a database from inside a stored procedure?

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Tibor Karaszi, SQL Server MVP

<http://www.karaszi.com/sqlserver/default.asp>

<http://www.solidqualitylearning.com/>

"jonjo" <jonjo@discussions.microsoft.com> wrote in message  
news:60BC3CF7-432C-4AA5-B978-5B7D5663CC49@microsoft.com...

> Hi

>

> I have taken away the USE statement but when I take the brackets away from  
> the @dbname variable in the CREATE DATABASE statement it gives me :msg 170  
> incorrect syntax near dbname

>

>

>

> "Tibor Karaszi" wrote:

>

>> 1. The USE doesn't do anything for you. The database doesn't exist so the use will fail, and t  
>> use

>> is done inside EXEC so it is in its own scope.

>>

>> 2. Don't put brackets around the variable holding the database name in the CREATE DATABASE  
>> command.

>>

>> If you still don't get it to work, please also post the error message.

>>

>> --

>> Tibor Karaszi, SQL Server MVP

>> <http://www.karaszi.com/sqlserver/default.asp>

>> <http://www.solidqualitylearning.com/>

>>

>>

>> "jonjo" <jonjo@discussions.microsoft.com> wrote in message

>> news:5182DD96-53AD-4223-9352-A944AFE1F47A@microsoft.com...

>> > Hi

>> >

>> > I'm making a bit of progress but I think I'm passing the wrong parameters in  
>> > the procedure. This is what I am trying to do but when I enter the parameter  
>> > it is not feeding thru? I'm obviously doing something wrong along the line so  
>> > any help would be appreciated.

>> >

## microsoft.public.sqlserver.server: Re: stored procedure

```
>> > CREATE PROCEDURE TEST2    @dbname nvarchar(10) AS
>> > BEGIN
>> > DECLARE @quotedbname nvarchar(10)
>> > SET @quotedbname= quotename (@dbname)
>> >
>> > EXEC ( '
>> > USE '+ @quotedbname + ' ' )
>> >
>> > CREATE DATABASE [@dbname]  ON (NAME = N'@dbname_Data', FILENAME =
>> > N'e:\Program Files\Microsoft SQL Server\MSSQL\data\@dbname_Data.MDF' , SIZE =
>> > 1, FILEGROWTH = 10%) LOG ON (NAME = N'@dbname_Log', FILENAME = N'e:\Program
>> > Files\Microsoft SQL Server\MSSQL\data\@dbname_Log.LDF' , SIZE = 1, FILEGROWTH
>> > = 10%)
>> > COLLATE Latin1_General_CI_AS
>> >
>> > exec sp_dboption N'@dbname', N'autoclose', N'false'
>> >
>> > exec sp_dboption N'@dbname', N'bulkcopy', N'false'
>> >
>> > exec sp_dboption N'@dbname', N'trunc. log', N'true'
>> >
>> > exec sp_dboption N'@dbname', N'torn page detection', N'false'
>> >
>> > exec sp_dboption N'@dbname', N'read only', N'false'
>> >
>> > exec sp_dboption N'@dbname', N'dbo use', N'false'
>> >
>> > exec sp_dboption N'@dbname', N'single', N'false'
>> >
>> > exec sp_dboption N'@dbname', N'autoshrink', N'false'
>> >
>> > exec sp_dboption N'@dbname', N'ANSI null default', N'false'
>> >
>> > exec sp_dboption N'@dbname', N'recursive triggers', N'false'
>> >
>> > exec sp_dboption N'@dbname', N'ANSI nulls', N'false'
>> >
>> > exec sp_dboption N'@dbname', N'concat null yields null', N'false'
>> >
>> > exec sp_dboption N'@dbname', N'cursor close on commit', N'false'
>> >
>> > exec sp_dboption N'@dbname', N'default to local cursor', N'false'
>> >
>> > exec sp_dboption N'@dbname', N'quoted identifier', N'false'
>> >
>> > exec sp_dboption N'@dbname', N'ANSI warnings', N'false'
>> >
>> > exec sp_dboption N'@dbname', N'auto create statistics', N'false'
>> >
>> > exec sp_dboption N'@dbname', N'auto update statistics', N'false'
>> >
>> >
>> > if( ( @@microsoftversion / power(2, 24) = 8) and (@@microsoftversion &
>> > 0xffff >= 724) ) or ( @@microsoftversion / power(2, 24) = 7) and
>> > (@@microsoftversion & 0xffff >= 1082) ) )
>> > exec sp_dboption N'@dbname', N'db chaining', N'false'
>> > END
>> > GO
>> >
>> > "GYK" wrote:
>> >
>> >> You need to pass database name as a variable... Following script might be
```

microsoft.public.sqlserver.server: Re: stored procedure

```
>> >> useful for you..
>> >>
>> >> CREATE PROCEDURE p_test_proc
>> >> @dbname nvarchar(256)
>> >> AS
>> >> BEGIN
>> >>     -- Quote the database name with brackets
>> >>     DECLARE @quoteddbname nvarchar(256)
>> >>     SET @quoteddbname = quotename( @dbname )
>> >>
>> >>     EXEC('
>> >>     USE '+ @quoteddbname +'
>> >>     DECLARE .....
>> >>     .....
>> >>     ..... ')
>> >> END
>> >>
>> >> HTH
>> >> GYK
>> >>
>> >> "jonjo" wrote:
>> >>
>> >> > Hi
>> >> >
>> >> > I'm trying to create a stored procedure that will create a blank database
>> >> > and then create certain tables. The create database works fine but I then
>> >> > want to create the tables in the database which I have just created. I tried
>> >> > putting in the 'use accounts' (accounts being the name of the db I just
>> >> > created) in the stored procedure but this is obviously not allowed as a msg
>> >> > returns:-
>> >> >
>> >> > error 154 a use database statement is not allowed in a procedure or trigger
>> >> >
>> >> > If I run the script in QA it works without any problem. Any ideas as how to
>> >> > get round this?
>> >> >
>> >> > Thanks in advance
>> >> >
>> >> >
>>
>>
>>
```