

Return value from exec(@sql)

I want get the value from `Exec(@sql)` and assign to `@RowCount(int)`

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Here is my query:

```
'SET @RowCount = (select count(*)
FROM dbo.Comm_Services
WHERE CompanyId = '+cast(@CompanyId as char)+' and '+@condition+')
```



5

sql



sql-server

sql-server-2005

tsql

edited Nov 9 '10 at 4:26



OMG Ponies

267k 63 456 471

asked Nov 9 '10 at 4:16



sreekanth

306 2 7 20

5 Answers



On the one hand you could use `sp_executesql`:

84

```
exec sp_executesql N'select @rowcount=count(*) from anytable',
N'@rowcount int output', @rowcount output;
```



On the other hand you could use a temporary table:



```
declare @result table (rowcount int);
insert into @result (rowcount)
exec (N'select count(*) from anytable');
declare @rowcount int = (select top (1) rowcount from @result);
```

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Very good! Except in SQL 2016 this gives "Incorrect syntax near the keyword 'rowcount'". It seems ROWCOUNT is a reserved identifier. Search and replace rowcount to row_count works great. Thank you. – [Reversed Engineer](#) Mar 22 at 13:04

that's my procedure

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```
CREATE PROC sp_count
    @CompanyId sysname,
    @codition sysname
AS
SET NOCOUNT ON
CREATE TABLE #ctr
( NumRows int )

DECLARE @intCount int
        , @vcSQL varchar(255)

SELECT    @vcSQL = ' INSERT #ctr FROM dbo.Comm_Services
                    WHERE CompanyId = '+@CompanyId+' and '+@condition+' )'
EXEC      (@vcSQL)

IF @@ERROR = 0
BEGIN
    SELECT    @intCount = NumRows
    FROM      #ctr

    DROP TABLE #ctr
    RETURN @intCount
END
ELSE
BEGIN
    DROP TABLE #ctr
    RETURN -1
END
GO
```

answered Nov 9 '10 at 5:09

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Was playing with this today... I beleive you can also use @@ROWCOUNT, like this:

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```
DECLARE @SQL VARCHAR(50)
DECLARE @Rowcount INT
SET @SQL = 'SELECT 1 UNION SELECT 2'
EXEC(@SQL)
SET @Rowcount = @@ROWCOUNT
SELECT @Rowcount
```

Then replace the 'SELECT 1 UNION SELECT 2' with your actual select without the count. I'd suggest just putting 1 in your select, like this:

```
SELECT 1
FROM dbo.Comm_Services
WHERE ....
....
```

(as opposed to putting SELECT *)

Hope that helps.

answered Feb 2 '12 at 22:12



[TylerM](#)

85 2 10

declare @nReturn int = 0 EXEC @nReturn = Stored Procedures

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answered Aug 12 '15 at 7:50



[bugstar](#)

57 3

1 This works to retrieve the return value of a stored procedure, but not dynamic SQL. – user565869 Jan 11 '16 at 16:28

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 -1

```
'SELECT @RowCount = COUNT(*)
FROM dbo.Comm_Services
WHERE CompanyId = ' + CAST(@CompanyId AS CHAR) + '
AND ' + @condition
```

answered Nov 9 '10 at 4:23

[RPM1984](#)

55.6k

46

203

311

3 The variable will be out of scope within the call to EXEC('...') . – user565869 Jan 11 '16 at 16:27

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