Cannot execute script: Insufficient memory to continue the execution of the program

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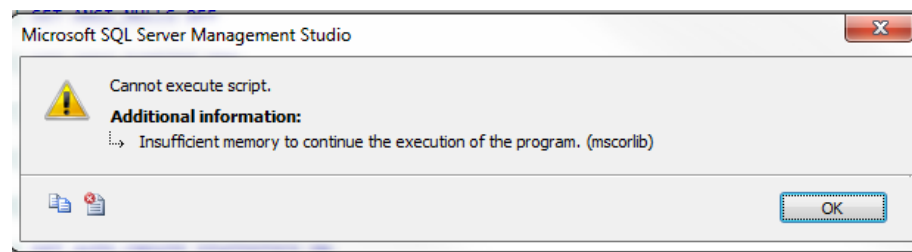I have a 123MB sql file which I need to execute in my local PC. But I am getting

```
Cannot execute script: Insufficient memory to continue the execution of the program
```


How to solve this issue?

sql   tsql   sql-server-2012

asked Jul 29 '13 at 7:58

user960567
12.2k   52   145   251

@marc_s When I click Ctlr+E it immediately shows this error –

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user960567   Jul 29 '13 at 8:03

1   Possible duplicate of [Getting error while running 50 MB script on SQL Server 2008 R2](#) – Sruit A.Suk Feb 23 '16 at 17:55

12 Answers

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✓

use the command-line tool SQLCMD which is much leaner on memory. It is as simple as:

```
SQLCMD -d <database-name> -i filename.sql
```

You need valid credentials to access your SQL Server instance or even to access a database

Taken from [here](#).

edited Oct 9 '17 at 9:08

Pang
6,989   16   66   105

answered Jul 29 '13 at 9:46

Thangamani Palanisamy
3,955   1   27   33

2   Verbatim from: [stackoverflow.com/q/11307435/773702](#) – Josh Dec 18 '13 at 16:23

@Josh: Thanks for information i forget to add – Thangamani Palanisamy Dec 19 '13 at 3:34

19   With full credentials, specifying db and server: sqlcmd -S <YOUR-SERVER> -U <YOUR-USER> -P <YOUR-PASSWORD> -d <YOUR-DATABASE> -i <YOUR-SQL-FILE-PATH.sql> – a4bike Nov 3 '16 at 15:22
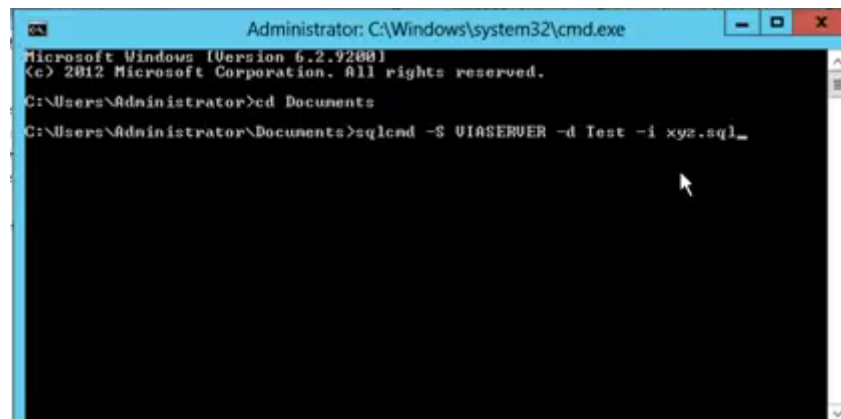
1   I get this issue: "The number of row value expressions in the INSERT
     statement exceeds the maximum allowed number of 1000 row values." –
     Christian Fredh Apr 3 '17 at 8:47

3   @ChristianFredh Use the GO command after each 1000 inserts –
     Renan Araújo Jun 26 '17 at 18:15

It might help you! Please see below steps.

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19   sqlcmd -S server-name -d database-name -i script.sql

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        • Open cmd.exe as Administrator.

        • Create Documents directory.

        • Put your SQL Script file(script.sql) in the documents folder.

        • Type query with sqlcmd, server-name, database-name and
          script-file-name as like above highlighted query or below
          command line screen.

edited Sep 13 '17 at 14:58

Brad Larson ♦
162k   41   365   545

answered Mar 30 '16 at 9:45

Anil Singh
2,611   2   29   39

You can Aad the username -sa and password -123 , sqlcmd -S viaserver -U sa -P 123 -d TelstraDeployed -i SQLQuery1.sql – Anil Singh Jan 19 '18 at 8:57 ✏

Nice , It really works for me – Varinder Singh Baidwan Jul 16 '18 at 11:58

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You can also simply increase the Minimum memory per query value in server properties. To edit this setting, right click on server name and select Properties > Memory tab.

I encountered this error trying to execute a 30MB SQL script in SSMS 2012. After increasing the value from 1024MB to 2048MB I was able to run the script.

(This is the same answer I provided here)

edited Sep 15 '18 at 4:06

JohnOsborne
467   7   22

answered Mar 4 '14 at 22:01

dstetsenko
441   4   4

1   Great answer! Thanks. – Mohsen Unlimited Apr 1 '16 at 12:44

1   Not working for script about 1.3 GB . – QMaster Feb 9 at 15:23

▲

If I understand your problem correctly, you are trying to restore (transact sql) xyz.sql - database + schema. You can try this

5

command which worked for me:

```
SQLCMD -U sa -i xyz.sql
```

edited Apr 12 '16 at 18:36

Druid
5,709   3   28   48

answered Jan 23 '14 at 15:44

user3228486
51   1   2

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1   I wish I could vote you twice – Anh Hoang Nov 10 '18 at 3:20

4

For Windows Authentication use this sql cmd

```
SQLCMD -S TestSQLServer\SQLEXPRESS  -d AdventureWorks2018 -i "d:\docu
document\script.sql"
```

Note: If there is any space in the sql file path then use " (Quotation marks) "

For SQL Server Authentication use this sql cmd

```
SQLCMD -S TestSQLServer\SQLEXPRESS -U sa -P sasa  -d AdventureWorks2(
"d:\document\sql document\script.sql"
```

-S TestSQLServer\SQLEXPRESS: Here specify SQL Server Name

-U sa: Username (in case of SQL Server Authentication)

-P sasa: Password (in case of SQL Server Authentication)

-d AdventureWorks2018: Database Name come here

-i "d:\document\sql document\script.sql": File Path of SQLFile

answered Jul 27 '18 at 19:45

Manjunath Bilwar
857　7　10

Sometimes, due to the heavy size of the script and data, we encounter this type of error. Server needs sufficient memory to execute and give the result. We can simply increase the memory size, per query.

2

You just need to go to the sql server properties > Memory tab (left side)> Now set the maximum memory limit you want to add.

Also, there is an option at the top, "Results to text", which consume less memory as compare to option "Results to grid", we can also go for Result to Text for less memory execution.

edited Oct 6 '16 at 6:39

answered Oct 6 '16 at 6:19

Ankita shrivastava
21　2

Below script works perfectly:

1

```
sqlcmd -s Server_name -d Database_name -E -i c:\Temp\Recovery_script
```

Symptoms:

When executing a recovery script with sqlcmd utility, the 'Sqlcmd: Error: Syntax error at line XYZ near command 'X' in file 'file_name.sql'.' error is encountered.

Cause:

This is a sqlcmd utility limitation. If the SQL script contains dollar sign ($) in any form, the utility is unable to properly execute the script, since it is substituting all variables automatically by default.

Resolution:

In order to execute script that has a dollar ($) sign in any form, it is necessary to add "-x" parameter to the command line.

e.g.

Original: sqlcmd -s Server_name -d Database_name -E -i c:\Temp\Recovery_script.sql

Fixed: sqlcmd -s Server_name -d Database_name -E -i c:\Temp\Recovery_script.sql -x

answered Jul 4 '18 at 6:54

Nimesh khatri
354   2   18

$ comment was very helpful. Thanks – Pale Ale Nov 1 '18 at 17:52

Try this step,

1)Open PowerShell

1

2)Write this command:

```
sqlcmd -S PCNAME\SQLEXPRESS -U user -P password -d databanse_name -i
```

3)Press Return

:-)

```
PS C:\Users>
PS C:\Users> sqlcmd -S PCNAME\SQLEXPRESS -U user -P password -d databanse_name -i C:\script.sql
```

answered Nov 14 '17 at 10:06

daniele3004
5,953   7   40   51

If you need to connect to LocalDB during development, you can use:

1

```
sqlcmd -S "(localdb)\MSSQLLocalDB" -d dbname -i file.sql
```

answered Apr 3 '18 at 13:50

lukyer
3,701   1   24   23

---

sqlcmd -S mamxxxxxmu\sqlserverr -U sa -P x1123 -d QLDB -i D:\qldbscript.sql

1

- Open command prompt in run as administrator
- enter above command

"mamxxxxxmu" is computer name "sqlserverr" is server name "sa" is username of server "x1123" is password of server "QLDB" is database name "D:\qldbscript.sql" is sql script file to execute in database

edited Nov 9 '17 at 9:20

answered Nov 9 '17 at 9:15

Mahmaood ali
59   6

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Download SQL **Server Management Studio 17.6** and try to run the Script. Download link https://go.microsoft.com/fwlink/?linkid=870039 It worked for me. I was having 214 MB file.

answered Mar 21 '18 at 14:31

Dharmendra Prajapati
149   13

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My database was larger than 500mb, I then used the following

```
C:\Windows>sqlcmd -S SERVERNAME -U USERNAME -P PASSWORD -d DATABASE
```

It loaded everything including SP's

*NB: Run the cmd as Administrator

answered Feb 26 at 11:59

Zubeid Hendricks
19   2