

T-SQL Tips & Tricks

By

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- 8+ Years of experience
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Wish



Image Source: http://dkowalski.com/images/dkowalski_com/blog/Windows-Live-Writer/6556ea8cd60a_10487/programming_thumb.jpg

Agenda

- Ways to increase productivity:
 - Tips
 - Tricks
 - Techniques
 - Shot-cuts
 - Not so Famous options

In no particular order

Problem

- Repetitive task to Copy\open the daily script file.

Tip will also help you to auto populate:

- Daily Used Scripts
- General Comments while scripting
- Things to remember\IMP Notes
- Checklist to follow before shift

Problem

- **Search not working properly**
 - You need to find text 'Vendor_selection_Log'

Problem

- **Hard to focus\read scripts after sometime.**
- **Error on line 23** Lead developer asked you to re-write the logic mentioned on line 23. **(need to count blank lines?)**
- Not easy to **scroll** to read that lengthy script.
- **Wish SQL pings me once the execution completes.**
- **Auto disconnect after execution.**

Compare data without third-party tool

- **TableDiff Utility**

- Row-by-row comparison
- Column comparison
- Generate T-SQL to fix diff.
- Log result in a table
- And much more

Let's see a Demo.

To know more about Tablediff: <http://goo.gl/2HBtZ>

Problem

- We need to **execute the same script on all Test servers (20+)**
- Make sure it's not the dev. group → **Change Color of Status Bar**
- **How to prevent the execution of a script on a particular Server\DB?**

Problem

- You need to **copy few selected rows along with column names.**
- Application A need result in csv format.....the **delimiter should be #**
- Another application **need complete data of a report in xml**

The Report has 5 columns & 2300+ rows☺

Problem

- For Project Auto_alert You need to configure Database Mail Feature on 12 servers And you don't remember the exact code.

Tip will also help you to :

- Re-use the code
- Do fast development
- No need to mug up the syntax
- Prepare your own script library
- Easy to use\create
- Available many Predefined scripts

Just remember: *parameter_name, data_type, default_value*

Problem

- Copy table structure on the fly w\ without records. *
- Insert values in a 32 columns table...identity configured on column 1
- Insert multiple rows in one shot.

Problem

- Dynamic top not working
- Drop multiple tables in one command
- Use GOTO labels
- Change the SSMS startup options.
- Recent Files history is limited and I don't want to re-open the file by browsing the same long path.
- Hide system objects

Problem

- Manage ssms windows {not really a tip}
- Don't want to accidentally update\delete the wrong data.
- Problems with Intellisense → refresh local cache.

Summary

- **To be more productive you don't need extra hands you need awareness of these little tips\options which can make your life easy.**
 - Don't forget to test your code.

Happy Coding!



Image Source: <http://u1.ipernity.com/16/16/86/9181686.d378d778.560.jpg>

Thank you 😊

Presentation will be uploaded on www.SQLServerGeeks.com/files

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