



Trace Converter for SQL 2012

A tool that converts SQL trace to Excel file

This tool converts SQL Server 2012 Profiler trace file (.trc file)
/ SQL trace table to MS Excel file (.xls file).

MSSQL.Tools

● Prerequisites

Basically if you can run Excel and SQL Profiler 2012 on your machine, this tool will work fine.

Technically, the following components are required to run this tool properly.

- .NET Framework 4.0
- SQL Server Management Tools (SQL Server 2012)
- Excel 2010 or Excel 2007

● What's New in v2.3 for SQL 2012

- Trace Converter v2.3 supports SQL Server 2014 (Find 'Trace Converter for SQL 2014')
- Trace Converter v2.3 converts row data transformation errors to warnings and keep processing the rest of rows.
- Trace Converter v2.2 improved error handling; improved Excel formula detection.
- Trace Converter v2.2 uses full date time format including milliseconds
- Trace Converter v2.1 supports both .xlsx format for Excel 2007+ and .xls format for old Excel 2003 compatible format. Please always use .xlsx whenever possible.
- Trace Converter v2.1 supports .XLSX Excel format. No 65536 max row limits per sheet. Version 2.1 supports 1 million row max rows (per sheet) when using .xlsx filename.
- Trace Converter v2.1 has an important bug fix. (When trace data start with Excel formula characters (- or +) and its content size is greater than 8192, the application throws OutOfMemory exception. Fixed.)
- Trace Converter v2.0 supports large trace file. Prior version has a problem that cannot convert if the number of trace rows are greater than 65536.
- Trace Converter v2.0 shows conversion progress every 1000 row.
- Trace Converter v2.0 is available for SQL 2005, 2008, 2008 R2 and 2012.
- Trace Converter v1.5 or above Supports SQL Server 2012 Trace File/Trace Table.
- Trace Converter v1.5 or above translates Binary trace column data to Excel.

● How to convert trace file to excel file

This tool converts SQL Profiler trace file to Excel file format. One can use Open Xml format (.xlsx) format or old .xls format. Please always use .xlsx if possible.

Syntax

TraceConverter2012.exe <trace_input_file> <excel_output_file>

Example1

To convert test.trc file to test.xlsx file:

C> TraceConverter2012.exe test.trc test.xlsx

- .XLSX or .XLS file extension can be used.
- .XLS file format has limitation that one sheet only can have 65336 rows. So if the trace has more than that, the data will be spread to multiple worksheets (ex: sheet2, sheet3, ...)
NOTE: .xls file format is supported for compatibility.
- .XLSX file format has limitation that one sheet can have 1 million rows. And normally the output size is smaller than .xls. So whenever possible, please use .xlsx file extension.
- If output filename already exists, you will be required to specify a different filename.

• How to convert trace table to excel file

This tool also converts SQL trace table to Excel file format.

Syntax

TraceConverter2012.exe /t <trace_input_table> <excel_output_file>

<trace_input_table> format : serverName.dbName.schema.tableName

Example1

To convert [Trace1] table (assuming the table is in pubs DB of local SQL Server) to test.xls file:

C> TraceConverter2012.exe /t (local).pubs.dbo.Trace1 test.xls

- Local SQL Server name can be (local) or actual server name. Dot (.) for local server is not allowed.
- Remote SQL Server is supported.
- Integrated Security (NT authentication) only. SQL authentication is not allowed.

• Technical Notes

- If you have SQL Server 2014 Profiler trace file (.trc file), you have to use the following Trace Converter.

Trace Converter for SQL 2014

<http://mssql.tools/sql/Trace-Converter-for-SQL-2014>

● Related Products

- **Replay Trace** : Replay SQL trace file against SQL Server
<http://mssql.tools/sql/Replay-SQL-Trace>
- **Profiler Console** : Run SQL Profiler silently in console mode.
<http://mssql.tools/sql/Profiler-Console>
- **Find String in Trace** : Find any string in SQL trace file
<http://mssql.tools/sql/Find-string-in-Trace>

NOTE: Any bug report or suggestion would be highly appreciated.

<http://mssql.tools/contact.aspx>