

Qure for SQL Server Quick Start Guide



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This guide is intended as a high level, quick reference for using Qure.
It is recommended that you read the Qure User Guide and watch the Qure
video demo before using Qure to avoid errors and to achieve best results.

1. Download and install Qure for SQL Server

1. Download and install Microsoft .Net framework 3.5 SP1 from the Microsoft web site on <http://www.microsoft.com/Net/Download.aspx>.
2. Install SQL Server 2005 or 2008 client tools from the SQL Server installation CD.
3. Download the Qure installation file (Qure.msi) from the DBSophic web site on www.dbsophic.com.

2. Prepare the Database and Trace File for Qure Analysis

1. Use the SQL Server Profiler template provided with Qure installation (typically in "C:\Program Files\DBSophic\Qure\TraceTemplates\") to perform a trace on the production database.
2. Restore a recent backup of the production database on the server to be used for the analysis.

Note: More information about "Preparing a Trace File Using SQL Profiler" and "Preparing the Analysis and Benchmark Server" can be found in the Qure User Guide. It is recommended that you read these sections carefully for best results.

3. Analyze the Database with Qure

1. Launch Qure for SQL Server.
2. Click **Start New Analysis** and follow the wizard's on screen instructions. Three simple steps are required to set up the analysis:
 - a. Provide connection details for the analysis database.
 - b. Select the prepared trace files for analysis.
 - c. Configure two optional analysis settings.

Note: The analysis process may take from a few hours up to a few days to complete.

4. Review batches and Qure's Recommendations

Use Qure's ribbon to navigate to the **batches, objects** and **recommendations** windows to review the analyzed batches and Qure's recommendations.

The main functionalities of these windows are:

1. The **Batches** window lists all batches and their aggregated resource consumption as analyzed from the trace and their actual performance improvements. For each batch, Qure provides high level summary information regarding its operations and interactions with other database objects, the batches' script using sample parameter values, and links to its associated recommendations.
2. The **Objects** window enables you to view recommendations by objects instead of by batches. Use the objects tree on the left to select an object and view its operations and interactions with other database objects and the links to all its associated recommendations.
3. The **Recommendations** window provides full recommendation details including detailed information and correctional/revert scripts. The filter pane on the left enables you to focus on a subset of the recommendations and is automatically set in case you navigate to this window using the links from the Batches or Objects windows. Use the **Clear Filter** button to view all recommendations. In this page you can change the recommendations status from their initial **Pending** status to either **Accepted** or **Rejected** and apply the appropriate filters to easily manage recommendations.

5. Apply Recommendations

Select the recommendations you wish to apply and perform a rigorous QA process. After the QA process has completed successfully, you can use Qure's automatic **Optimize** feature to apply the accepted recommendations on the production database or any copy of it.

To apply recommendations:

1. Navigate to the **Optimize** window.
2. Review the list of accepted recommendations in the optimize queue.
3. Click **Apply on database** to launch the apply wizard and follow the on screen instructions.

Congratulations!

Your database performance is now optimized!

