

SQL Comparison SDK™

Automate all your SQL Server database comparison and synchronization tasks

What is SQL Comparison SDK?



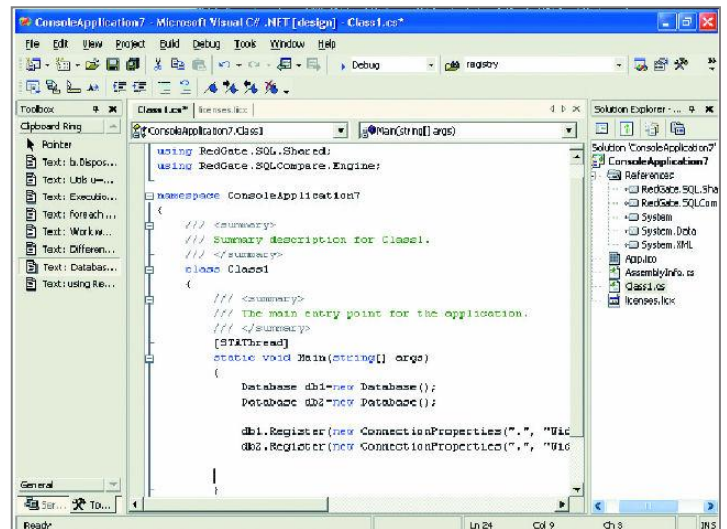
The SQL Comparison and Synchronization SDK allows you to use the full power of Red Gate's SQL technology. It will enable you to automate and extend the comparison and synchronization of your SQL databases, integrate tasks into your build and development processes, as well as automate and verify replication and installation tasks.

The SQL Comparison SDK™ provides an Application Program Interface that enables you to automate SQL Compare®, SQL Data Compare™, and SQL Packager™. You can use the SQL Comparison SDK to produce command line utilities, synchronize multiple databases, or upgrade your customers' databases without manual intervention.

Why use SQL Comparison SDK?

SQL Comparison SDK allows you to automate migration, replication, and verification operations. When you are responsible for a large number of databases - yours and those of your customers – automating these comparison and synchronization tasks saves time and increases efficiency.

- SQL Comparison SDK allows you to integrate your SQL Server database into your development, build, and deployment processes.
- You can integrate change management into your build process and development environments.
- SQL Comparison SDK enables scheduling of snapshots, comparison, and synchronization tasks.
- You can update or deploy databases remotely, and use the Packager functions to create updates as simple .NET executables.
- SQL Comparison SDK integrates with version control processes and programs.
- You can carry out and verify replication over multiple databases.
- SQL Comparison SDK allows you to compare and synchronize multiple databases.
- You can include SQL comparison and synchronization functionality into your programs.



Access the APIs within your own application to schedule comparisons and synchronizations.

SQL Comparison SDK

How does SQL Comparison SDK work?

SQL Comparison SDK gives you access to the APIs of our SQL Server comparison, synchronization and packaging products. You can use the APIs provided with the SDK if you are familiar with programming in C#, Visual Basic .NET, or any other .NET language. The engines are implemented as .NET assemblies. You can reference them from Visual Studio .NET or the development environment of your choice.

When should I use SQL Comparison SDK?

When you want an automated process to run the comparison and synchronization between your development and production servers (or any two databases), or you need to compare and synchronize SQL databases within your application. You can also use the functionality of our SQL comparison and synchronization tools in the installation and maintenance programs you ship to your customers.

The SQL Comparison SDK is also useful if you want to be able to replicate your databases, and make sure the replication has been accurate and successful.

Who should use SQL Comparison SDK?

SQL Comparison SDK is ideal for software developers and DBAs who work with multiple SQL Server databases.

Technical specification

SQL Comparison SDK runs on a developer's PC. It can also run on a server, or wherever else it is needed.

Supported Environments

- SQL Server 2008 SQL Server 2005, and SQL Server 2000

Operating Requirements

- Windows 2000, Windows XP, Windows Vista, Windows 7, Windows Server 2003 or Windows Server 2008
- Visual Studio .NET, or similar development environment that uses the .NET Framework, if using APIs
- Runs on a user's PC (can also run on a server)
- SQL Server client-side tools
- SQL Server 2000, 2005 or 2008
- Microsoft .NET Framework 2.0 or later
- MDAC 2.8
- 128 MB RAM
- 200 MB hard disk space

By allowing developers to tap the power of SQL Compare and SQL Data Compare, Red Gate Software is providing DBAs and Transact-SQL developers with a very powerful toolkit they can use to meet virtually any need they have for comparing SQL Server objects and data.

Brad M McGehee, SQL Server MVP, SQL-Server-Performance.com

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SQL Comparison SDK

How much does SQL Comparison SDK cost?

SQL Comparison SDK costs just **\$695** for a single user license. It is also available in the following bundles:

➤ **SQL Toolbelt™**

SQL Compare Pro + SQL Data Compare Pro + SQL Dependency Tracker+ SQL Packager + SQL Prompt Pro + SQL Refactor + SQL Source Control + SQL Backup Pro + SQL Object Level Recovery Native + SQL Data Generator + SQL Multi Script + SQL Doc + SQL Comparison SDK + SQL Response = **\$1995**

Annual support and upgrades packages are available for 25% of the product's purchase price

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