

isCOBOL™ SQL Server

Add a flexible RDBMS engine to ISAM data

With isCOBOL SQL Server, you no longer need to choose between maintaining cost-effective ISAM files or moving to a mainstream relational database to meet growing user demands. Serving both as a powerful relational database engine and a comprehensive SQL interface to ISAM files, isCOBOL SQL Server delivers unprecedented flexibility to existing COBOL applications with no change to source code or data migration required.

Features and benefits

- Provides a high performance SQL interface to isCOBOL ISAM Server files
- Acts a powerful and cost-effective relational database
- Allows developers to take full advantage of functions such as executing custom SQL statements and complex queries with existing ISAM files
- Includes a comprehensive GUI interface to view and manage data
- Includes an interactive SQL utility to issue SQL statements directly from a terminal or command prompt and instantly display results
- Requires no change to source code or file structures; no data migration is required
- Offers extensive support of the ADO.NET, JDBC, and ODBC APIs

Unlock the full potential of your ISAM files

ISAM files serve as an efficient data source for existing COBOL applications, but new application development and reporting requirements may have your organization considering implementing a relational database as well. With isCOBOL SQL Server, you can easily perform common RDBMS tasks on existing COBOL ISAM files and implement a relational database without the expense and disruption of converting existing ISAM data.

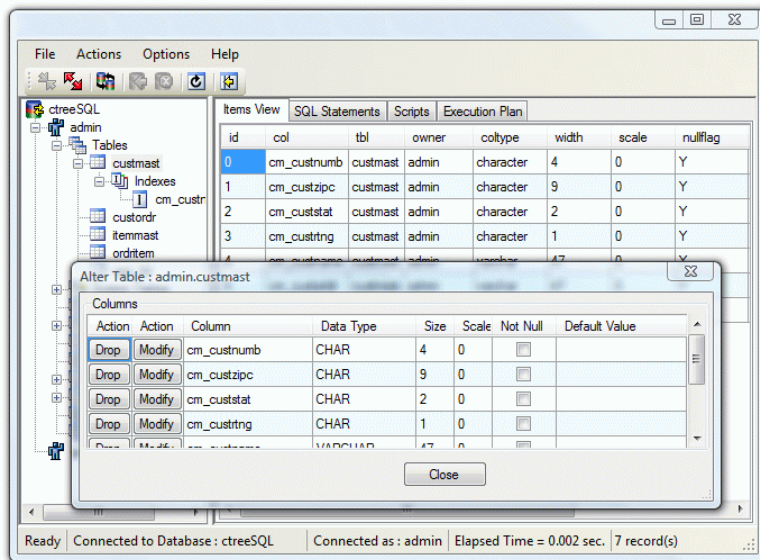
Going a step beyond traditional ODBC or JDBC access, isCOBOL SQL Server allows you to perform the following actions with isCOBOL™ ISAM Server files:

- Access from ADO.NET, JDBC, and ODBC clients
- Execute custom SQL statements
- Load, edit, and run SQL scripts interactively
- View query execution plans to profile and examine complex queries for optimization analysis
- Create and manage users
- Create and manage databases
- Create, alter and drop tables and indices
- Create and drop views
- Create and drop stored procedures and triggers
- Export schemas.

No migration or disruption required

No data migration or changes to existing source code or file structures are necessary to unleash the full potential of isCOBOL SQL Server. Only three basic steps are required to provide SQL access to existing ISAM files:

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1. Create an isCOBOL SQL Server data dictionary file (.iss) by compiling the program containing the file description with the -efc option
2. Store the data dictionary information in the ISAM file by running ctutil -sqlinfo
3. Register the ISAM file with the database by running ctutil -sqlink

After these quick steps are complete, isCOBOL SQL Server presents the ISAM files as relational database tables.

A complete range of COBOL maintenance and modernization solutions

isCOBOL SQL Server is one part of the isCOBOL Application Platform Suite (APS) from Veryant. isCOBOL APS provides a complete environment for COBOL application development, deployment and modernization leveraging the power and flexibility of the Java platform and technology. The isCOBOL APS environment offers numerous data storage and access options and is designed to let developers focus on application coding in COBOL without having to worry about what particular data storage solution will be chosen in deployment.

Visit veryant.com for additional information.



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