

Welcome to IDERA Rapid SQL® 19.2.x

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Thank you for using IDERA Rapid SQL, the integrated development environment for many different database systems. Rapid SQL is your fast path to higher productivity whether you're programming in SQL, PL/SQL, Transact-SQL or HTML. Before you use Rapid SQL, please read the following information.

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WHAT'S NEW IN RAPID SQL 19.2

Provides AWS authentication support for MySQL

DB PowerStudio 19.2 adds support for AWS authentication for MySQL for DBArtisan, Rapid SQL, and DB Change Manager. This option provides authentication without passwords through Identity and Access Management (IAM) authentication.

Updates Oracle to version 23ai

This release updates Oracle support to version 23ai, providing improved data protection, searches, and performance including support for:

- **Vector Data Type.** A new native data type implemented specifically to store vector embeddings for AI similarity or semantic searches.

- **JSON Relational Duality Views.** These objects allow data to be treated as both relational (tables) and JSON documents (document store) simultaneously without compromising data consistency, enabling developers to build APIs easily.
- **JSON Collection Tables.** Tables designed to support NoSQL-style APIs (like MongoDB API) connecting to Oracle Database.
- **MLE Environments.** Helper entities used in Multi-Language Engine (MLE) to manage JavaScript modules, which are treated as schema objects.
- **Database Search Indexes (DBMS_SEARCH).** A new feature that simplifies the creation of a single index across multiple tables or views, replacing the need for complex USER_DATASTORE procedures.
- **BOOLEAN Data Type.** Native support for Boolean values (TRUE/FALSE/NULL) directly in tables, eliminating the need to simulate them with NUMBER(1) or VARCHAR2.
- **Staging Tables.** A new variation of heap tables intended for faster data ingestion, created using the FOR STAGING clause.

TECHNICAL REQUIREMENTS

Before using Rapid SQL, please verify that your environment meets the requirements listed below:

NOTE: Users need full registry privileges during the installation and access to the keys under HKEY_CURRENT_USER in the registry after installation.

Browser Requirements

Rapid SQL requires Microsoft Internet Explorer 11 or later.

Hardware Requirements

IDERA recommends the following minimum hardware requirements:

- 1 GHz or faster CPU
- 3 GB of RAM
- 1 GB of free disk space
- 1024 x 768 screen resolution

Operating System Requirements

Rapid SQL supports the following operating systems:

- Windows 8., 8.1, 10, and 11 (32-bit and 64-bit)
- Windows Server 2008 SP1 and 2008 R2 (32-bit and 64-bit), 2012, 2012 R2, 2016, and 2019

32-BIT VERSUS 64-BIT APPLICATION CONSIDERATIONS AND RESTRICTIONS

If you install the 64-bit version of Rapid SQL and you are using custom drivers, you must be using 64-bit versions of those drivers when using the 64-bit version of Rapid SQL. Similarly, 32-bit versions of custom drivers must be used with the 32-bit Rapid SQL installation.

For version control integration, if you install the 64-bit version of Rapid SQL, you can work with either a 32-bit or 64-bit MSSCCI provider. The feature is controlled from the Options Editor's **Version Control** tab (**File > Options > General > Version Control**).

DBMS SUPPORT AND CONNECTIVITY OPTIONS

Dedicated Support Connectivity Options

Rapid SQL provides dedicated connectivity to a specific version range of databases.

The following connectivity options are provided:

- **Native drivers** - For use with IBM DB2, SQL Server, MySQL, Oracle, and Sybase ASE datasources, Rapid SQL is packaged with a set of native drivers, each requiring a DBMS-specific client to be installed.
- **JDBC drivers** - For all supported DBMS platforms, Rapid SQL can connect to a datasource more directly using one of the packaged, third-party JDBC drivers. No additional connectivity components need to be installed. One or more third-party drivers, tested against Rapid SQL, are installed with Rapid SQL.

The following table provides a summary of resources/requirements for connectivity to dedicated DBMS platforms. For each platform, it lists supported versions, the client software, driver, or client/driver combination that must be installed if using native IDERA clients, and the third-party, Type 4 JDBC drivers packaged with Rapid SQL.

Cloud/DBMS Platform	Supported Versions	Client (or driver/client combination) Required for use with Native IDERA Drivers	Packaged JDBC Driver	Source & License
Amazon Redshift				
Greenplum				
IBM Db2 for z/OS	10.x and 11.x*	DB2 UDB Client for Windows 8.0 or later	IBM Data Server Driver for JDBC	
IBM Db2 for LUW	10.x and 11.x*	IBM DB2 LUW Client for Windows 8.0 or later	IBM Data Server Driver for JDBC	
Microsoft Azure SQL Database with AAD Support				
Microsoft SQL Server	2008** 2012 2014 2016* 2017* 2019* 2022*	Microsoft SQL Server Client Library	JTDS Type 4 JDBC Driver for Microsoft SQL Server Microsoft SQL Server JDBC Driver	LGPL source & license
MySQL	4.x, 5.7, and 8.x	MySQL Connector/ODBC Driver 5.2.x Driver - MySQL Connector/ODBC driver 3.51.x Driver	MySQL Connector/J JDBC Driver	GPL source & license
Oracle	10g**, 11g**, 11g R2**, 12c, 12c R2, 18c, 19c, 21c, and 23ai	Oracle SQL*Net Client	Oracle JDBC Thin Driver	
Oracle Autonomous Database				
PostgreSQL	9.x, 10, 11, 12, 13, 14, 16, and 17	PostgreSQL ODBC Driver (latest version recommended)	PostgreSQL JDBC Driver	BSD License
Snowflake		Snowflake ODBC Driver	Snowflake JDBC Driver shipped with product	

Sybase ASE	15.7 and 16.0	Sybase Open Client	jTDS Type 4 JDBC Driver for Microsoft SQL Server Sybase jConnect JDBC Driver	LGPL source & license
Sybase IQ	15.4, 16.0, and 16.1	SQL Anywhere ODBC drivers for Sybase IQ 12.7 Sybase IQ 32-bit ODBC drivers	Sybase jConnect JDBC Driver for Sybase IQ	

* Rapid SQL supports only a subset of features and functions for this database version.

** Support for this version is nearing end of life and may not be available in subsequent Rapid SQL releases.

Generic JDBC/ODBC Connectivity

Generic JDBC/ODBC connectivity to non-dedicated DBMS systems or non-database datasources is also provided. Rapid SQL can connect to a datasource using a customer-provided, third-party JDBC version 4.0 or ODBC version 3.0 driver. Minimal Rapid SQL functionality is provided, including a basic Explorer tree and SQL querying.

IBM DB2 for z/OS Stored Procedure Requirements

When working against an IBM Db2 for z/OS data source, Rapid SQL relies on the following stored procedures, provided as an optional installation step in setting up the DB2 subsystem:

- DSNWZP
- DSNUTILS
- ADMIN_COMMAND_DSN
- ADMIN_COMMAND_DB2

Prior to using Rapid SQL against an IBM Db2 for z/OS data source, ensure that these components are installed on the server.

Cloud

Rapid SQL runs on cloud virtual machines, such as Microsoft Azure VM and AWS EC2, with Microsoft Windows. It supports database instances on cloud virtual machines, such as Microsoft Azure VM and AWS EC2.

DBMS Versions No Longer Supported

Rapid SQL is no longer being tested against Sybase ASE versions before 15.7.

RELEASE NOTES

Known Issues and Bug Fixes

For the more recent list of known issues and bug fixes in this release, see http://docwiki.embarcadero.com/RapidSQL/192/en/Release_Notes_for_Rapid_SQL_19.2.

ADDITIONAL RESOURCES

Licensing Your IDERA Product

All IDERA products include a 14-day trial period. To continue using the product without interruption, we recommend that you license it as soon as possible. For information on licensing your product, refer to the *Installation Guide*. If you have not yet purchased this product, contact sales@idera.com.

IDERA Product Support

The IDERA Web site is an excellent source for additional product information, including white papers, articles, and discussion forums. Click any of the links below to find:

- [Documentation](#)
- [Online Demos, Technical Articles, and White Papers](#)

- [IDERA Community](#)

IDERA Technical Support

If you have a valid maintenance contract with IDERA, the Technical Support team is available to assist you with any problems you have with our applications. Our maintenance contract also entitles registered users of IDERA products to download free software upgrades during the active contract period. Evaluators receive free technical support for the term of their evaluation (14 days).

We encourage you to open technical support cases via the [Customer Support Center](#). For additional information about IDERA Technical Support, visit the [Support](#) section of our Web site.

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To download evaluations of other IDERA products or to learn more about our company and our products visit us at www.idera.com.
