embarcadero®

Product Documentation

Rapid SQL® XE and Rapid SQL® 7.7.2

Installation Guide

1st Edition November 2010

Embarcadero Technologies, Inc. is a leading provider of award-winning tools for application developers and database professionals so they can design systems right, build them faster and run them better, regardless of their platform or programming language. Ninety of the Fortune 100 and an active community of more than three million users worldwide rely on Embarcadero products to increase productivity, reduce costs, simplify change management and compliance and accelerate innovation. The company's flagship tools include: Embarcadero® Change Manager™, CodeGear™ RAD Studio, DBArtisan®, Delphi®, ER/Studio®, JBuilder® and Rapid SQL®. Founded in 1993, Embarcadero is headquartered in San Francisco, with offices located around the world. Embarcadero is online at www.embarcadero.com.

October 27, 2010

Contents

RAPID SQL INSTALLATION GUIDE

Before you can register any Embarcadero Technologies application, you must meet the minimum technical requirements. If you meet all the minimum technical requirements, you can install Rapid SQL. After installation, you must license the application.

The following topics walk you through this process:

- Technical Requirements

- Database Support

- Installing DBArtisan

- Licensing

Lastly, for more information, see Additional Product Resources.

TECHNICAL REQUIREMENTS

Rapid SQL is a 32-bit application that runs in a Microsoft Windows environment. Before using Rapid SQL, please verify that your environment meets the following requirements:

- Hardware requirements
- Operating system requirements

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

HARDWARE REQUIREMENTS

Embarcadero Technologies recommends the following minimum hardware requirements:

- 512 MB of memory

- 512 MB of disk space

OPERATING SYSTEM REQUIREMENTS

Rapid SQL supports the following operating systems:

- Windows 7 (32-bit and 64-bit)

- Windows XP (32-bit and 64-bit)

- Windows Vista (32-bit and 64-bit)

For more detailed information, see the following topics:

- XP Support

- Vista and Windows 7 Support

- 32-bit Versus 64-bit Operating System Support and Restrictions

XP SUPPORT

Windows XP has two user security groups:

- Users

- Power Users

Microsoft intentionally does not grant members of the Users Group the authority to install applications or make global changes to the system. Restricted Users are members of the Users Group. Standard users belong to the Power Users Group. Microsoft grants members of the Power Users Group the authority to install programs. You must be a member of the Administrators Group in order to install and use Embarcadero Technologies applications.

Because Restricted Users are members of the Users Group, they cannot install and run Embarcadero Technologies applications.

CAUTION: You must be a member of the Administrators Group in order to install and use Embarcadero Technologies applications.

To open the Group Membership tab where you can determine your group and review the Microsoft security guidelines:

1 On the Control Panel, open User Accounts.

2 On the Users tab, select a user and then click the Properties button.

3 Click the Group Membership tab.

VISTA AND WINDOWS 7 SUPPORT

Windows Vista UAC and Windows 7 provide two user types:

- Standard user

- Administrator

Rapid SQL can be installed or uninstalled by an administrator or by a standard user using an administrator token. Standard users can run Rapid SQL.

CAUTION: For the purposes of running Rapid SQL, default standard user token privileges should not be modified. Modifying standard user token privileges can result in licensing issues which will prevent Rapid SQL from operating properly.

32-BIT VERSUS 64-BIT OPERATING SYSTEM SUPPORT AND RESTRICTIONS

Rapid SQL is a 32-bit application that runs emulated on 64-bit versions of Windows. The only requirement is that Rapid SQL supports only 32-bit versions of the client software that must be installed for connectivity to each DBMS that Rapid SQL will work against.

DATABASE SUPPORT

The table below describes the database platforms Rapid SQL supports and the server and client requirements:

Platform	Server	Client
IBM DB2 for z/OS	IBM DB2 for z/OS 8.x and 9.x.	When going through a DB2 Connect gateway, DB2 Client for Windows 6.0 or later. When going directly to the mainframe from the client, DB2 Connect Personal Edition v6 or higher on the client machine.
IBM DB2 for Linux, Unix, and Windows	IBM DB2 Universal Database 8.x and 9 .x.	IBM DB2 Client for Windows 7.2 or later. NOTE: When using a v8 client, Rapid SQL only supports connecting to a v8 Database on Windows, Linux and Unix.
InterBase/Firebird	InterBase 2007 and InterBase 2009	DataDirect ODBC driver for InterBase and the InterBase Client
	Firebird 2.0	Firebird ODBC Driver
Microsoft SQL Server	Microsoft SQL Server 2000, 2005, and 2008 NOTE: For SQL Server 2005 and 2008, only object types like users, logins, roles, config parameters, etc., are supported. We do NOT support Microsoft .NET extensions at this time.	Microsoft SQL Server Client Library
MySQL	MySQL 4.x. (Rapid SQL is tolerant of 5.x but does not support Stored Procedures, Triggers, Views.)	MySQL ODBC driver 3.5.1 and above
Oracle	Oracle 8i, 9i, 10g, and 11g	Oracle SQL*Net Client
Sybase ASE	Sybase ASE 12.5 - 15.x	Sybase Open Client

NOTE: Since Rapid SQL is a 32-bit application that runs emulated on 64-bit versions of Windows, only 32-bit versions of the DBMS client software are supported.

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. See http://publib.boulder.ibm.com/infocenter/dzichelp/v2r2/topic/com.ibm.db2.doc.inst/stpadd.htm#stpadd for more information.

INSTALLING RAPID SQL

To install Rapid SQL successfully, you must complete each panel of the Installation Wizard. After the installation is complete, we recommend that you reboot your machine before using Rapid SQL.

CAUTION: To install Rapid SQL from the command line, you should be sure to manually uninstall all prior versions of Rapid SQL.

INSTALLATION WIZARD

The Rapid SQL Installation Wizard installs all corresponding files on your machine. The panels presented by the wizard vary depending on whether you are upgrading or performing an initial installation. To proceed to the next panel of the wizard, click Next. To cancel the installation process at any time, click Cancel.

NOTE: Before installing Rapid SQL XE from Embarcadero ToolCloud, see http://docs.embarcadero.com/products/xe/ for additional requirements or revised instructions.

CAUTION: If you have not registered a license when you start a Rapid SQL installation, you will be prompted to register a license. For more information, see Licensing.

Use the following table as a guide to understanding the panels you may encounter when installing Rapid SQL:

Panel	Description
Welcome...	The start of the install process.
License Agreement	This panel of the Installation Wizard displays the license agreement. To continue the installation, click I accept the terms in the license agreement. You cannot proceed to the next step in the installation if the I DO NOT accept the terms in the license agreement option is selected.
Destination Folder	Identify the folder where you want the program files to reside. The default directory is C:\Program Files\Embarcadero\RSQL770\.
Start Menu	Lets you provide a Start menu group and optionally have an application icon created on the desktop.

Panel	Description
Associate Files	Specify whether you want files with extensions of .sql or .eqb to be associated with the Rapid SQL application.
Ready to install the program	Review your settings and click Install to continue the installation process.
Installing...	Displays installation progress.
Setup Complete	Finishes the installation process.

LICENSING

Each Embarcadero client application requires one or more licenses in order to run. An Embarcadero product, such as DBArtisan or ER/Studio, has a baseline license which provides basic feature support for that product. In addition, incremental licenses may be required to support specific DBMS platforms, product add-ons, or other functions.

For more information, see the following topics:

- Licensing Overview

- Licensing your Application

- Online/Offline Mode and Concurrent License Checkout

LICENSING OVERVIEW

The following discussion provides a high-level discussion of key licensing topics and directs you to sources of more detailed information.

Viewing your License Type and Modules

Understanding Trial, Workstation, and Networked Licenses

Rapid SQL License Modules, DBMS Support, and Feature Availability

Rapid SQL XE License Modules, DBMS Support, and Feature Availability

Directing Queries Regarding Licenses

VIEWING YOUR LICENSE TYPE AND MODULES

The About... dialog, available from the Help menu, displays your license type and each individual license module currently registered.

UNDERSTANDING TRIAL, WORKSTATION, AND NETWORKED LICENSES

Three kinds of licenses are available: Trial, Workstation, and Networked.

Trial licenses	A license for a 14-day, full-featured trial version of the product. The trial license must be registered before you can use the product.
Workstation licensing	A license or set of licenses is tied to a particular workstation. The product can only be used on that workstation.
Networked licensing	Networked licenses are administered and distributed by a central License Server (Embarcadero License Center or Acresso FLEXnet Publisher). There are two types of networked licenses: *Concurrent* and *Networked Named User*. With Concurrent licensing, users on different machines take turns using licenses from a shared pool. With Networked Named User licensing, licenses are pre-assigned to specific users setup on the license server's user list. Those users are guaranteed to have licenses available any time.
	NOTE: Concurrent licenses can be borrowed for use without a network connection. For details, see <u>Online/Offline Mode and Concurrent License Checkout</u>.

For a detailed description of licensing options, see <u>http://www.embarcadero.com/software-licensing-solutions</u>.

RAPID SQL LICENSE MODULES, DBMS SUPPORT, AND FEATURE AVAILABILITY

Individual license modules correspond to the DBMS platforms you are licensed to use. In addition, each DBMS license module corresponds to a product edition. The following table indicates feature availability for each license module edition:

Standard	Provides baseline support including datasource management, object management, SQL editing and execution, and standard tools and utilities.
Professional	Standard edition features plus SQL Debugger, SQL Profiler, and Code Analyst.

RAPID SQL XE PRO LICENSE MODULES, DBMS SUPPORT, AND FEATURE AVAILABILITY

An XE license provides access to all supported DBMS platforms. XE modules and feature availability are as follows:

XE Pro	Provides baseline support including datasource management, object management, SQL editing and execution, and standard tools and utilities, SQL Debugger, SQL Profiler, and Code Analyst.

DIRECTING QUERIES REGARDING LICENSES

Questions regarding license availability, feature availability, and client or server licensing, should be directed as follows:

- If you work in an organization that uses networked licensing, direct any questions to your site's Rapid SQL administrator

- If you are using workstation licensing, direct licensing questions to your Embarcadero Technologies representative

LICENSING YOUR APPLICATION

See the following topics for details on registering your product:

[Registering a trial or workstation license during installation](#)

[Registering a workstation license after application startup](#)

[Registering by phone](#)

[Registering a networked license](#)

REGISTERING A TRIAL OR WORKSTATION LICENSE DURING INSTALLATION

Shortly after initiating download of a trial version of an Embarcadero product, you should receive an email with a serial number you must register during installation. Similarly, if you purchase an Embarcadero product while no trial version is active, you will receive a serial number that must be registered during installation.

1   Start the installation. An Embarcadero License Registration dialog appears.

2   Copy the serial number from the email and paste it in the Serial Number field.

3   Enter your Embarcadero Developer Network account credentials in the Login or Email and Password fields. If you have not previously created an EDN account, or have forgotten your password, click I need to create ... or I've lost my password.

4   Click Register.

Your activation file should be downloaded and installed automatically. If this does not happen, click the Trouble Connecting? Try Web Registration link and follow the prompts. If you still have problems, see [Registering by phone](#).

REGISTERING A WORKSTATION LICENSE AFTER APPLICATION STARTUP

The following instructions assume that you have received a workstation license by email and that you currently have a valid trial license. If you did not install a trial version or the trial period has expired, follow the instructions in [Registering a Trial or Workstation License During Installation](#) instead.

1   On the Help menu select About and then on the dialog that opens, click Manage to open a license manager dialog.

2   On the Serial menu, select Add Serial Number.

3   Copy the serial number from the email and paste it in the Add Serial Number dialog, then click OK.

4   Right-click on the serial number you added, and then select Register from the context menu. A registration dialog opens.

> NOTE: The Registration Code box shows a machine-specific identifier required with other registration methods.

5   Ensure that the Register using Online Registration radio box is selected.

6   Provide Developer Network credentials in the Login name or Email and Password boxes. If you have not previously created an EDN account, or have forgotten your password, click I need to create ... or I've lost my password.

7   Click Register.

8   If prompted to restart the application, click Yes.

Your activation file should be downloaded and installed automatically. If this does not happen, click the Trouble Connecting? Try Web Registration link and follow the prompts. If you still have problems, see [Registering by phone](#).

REGISTERING BY PHONE

If you have problems with either of the above procedures, you can register licenses by phone. You will have to provide Developer Network credentials; the registration code displayed in the Embarcadero License Registration dialog that appears when you start an unlicensed application; the product base license serial number; and the license serial numbers for any additional features you have purchased.

For North America, Latin America and Asia Pacific, call (415) 834-3131 option 2 and then follow the prompts. The hours are Monday through Friday, 6:00 A.M. to 6:00 P.M. Pacific time.

For Europe, Africa and the Middle East, call +44 (0)1628-684 494. The hours are Monday to Friday, 9 A.M. to 5:30 P.M. U.K. time.

Shortly after phoning in, you will receive an email containing an activation file. Then do the following:

1   Save the file to the desktop or a scratch directory such as c:\temp.

1   On the Help menu select About and then on the dialog that opens, click Register. A registration dialog opens.

2   Select the I have received an activation file (*.slip or reg*.txt) radio box.

3   Click the Browse button and use the Select License Activation File dialog to locate and select the activation file you installed.

4   Click the Import button to import the activation file and when complete, click the Finish button.

5   If prompted to restart the application, click Yes.

REGISTERING A NETWORKED LICENSE

If you work in an organization using Networked licensing, an administrator, department head, or someone providing a similar function will provide you with an activation file.

Once you receive the file, save it to the `license` subfolder of your product's main installation folder (typically `C:\Program Files\Embarcadero\<product><version>\license\`), then restart the application.

No additional steps are necessary.

ONLINE/OFFLINE MODE AND CONCURRENT LICENSE CHECKOUT

Concurrent licenses can be used in both online and offline modes. In online mode, you must have a continuous network connection to your License Center. Licenses are checked out when you start Rapid SQL and checked back in when you shut Rapid SQL down.

You can also use a license in offline mode. When you explicitly check out a license for offline use, you can use Rapid SQL without a connection to your License Center for a specified duration. This lets you work while travelling or commuting, work away from your primary work area, or use Rapid SQL when a network connection is unavailable or not required.

> **NOTE:** Contact your site administrator for information on offline license availability, the maximum duration, offline license policy at your site, or any other issues arising from online license usage.

To check out a license for offline use

1   On the **Help** menu, select **Checkout License**. The **Check Out License For Offline Use** dialog opens.

2   Select the check box associated with each individual license you want to check out.

3   In the **Checkout Duration** box, type the number of hours that you can use the offline license without a network connection to the License Center.

4   Click **OK**.

You can work offline for the specified duration. The duration period begins immediately.

If you subsequently establish a network connection to the License Center before the license duration expires, you can indicate to the License Center that the offline license is no longer required.

To indicate that an offline licene is no longer required

1   On the **Help** menu, select **Checkin License**.

There is no interruption in Rapid SQL usage. The license is not actually checked in until you shut down Rapid SQL.

ADDITIONAL PRODUCT RESOURCES

The Embarcadero Web site is an excellent source for additional product information, including white papers, articles, FAQs, discussion groups, and the Embarcadero Knowledge Base.

Go to www.embarcadero.com/support, or click any of the links below, to find:

- Documentation

- Online Demos

- Technical Papers

- Developer Network

EMBARCADERO TECHNOLOGIES TECHNICAL SUPPORT

If you have a valid maintenance contract with Embarcadero Technologies, the Embarcadero Technical Support team is available to assist you with any problems you have with our applications. Our maintenance contract also entitles registered users of Embarcadero Technologies' products to download free software upgrades during the active contract period.

To speak directly with Embarcadero Technical Support, see Contacting Embarcadero Technologies Technical Support, below.

> **NOTE:**   Evaluators receive free technical support for the term of their evaluation (14 days).

CONTACTING EMBARCADERO TECHNOLOGIES TECHNICAL SUPPORT

When contacting Embarcadero Technologies Technical Support please provide the following to ensure swift and accurate service:

Personal Information

- Name

- Company name and address

- Telephone number

- Fax number

- Email address

Product and System Information

- Embarcadero product name and version number. This information is found under Help, About.

- Your client operation system and version number.

- Your database and version number.

Problem Description

A succinct but complete description of the problem is required. If you are contacting us by telephone, please have the above information, including any error messages, available so that an Embarcadero Technical Support Engineer can reproduce the error and clearly understand the problem.

There are three ways to contact Embarcadero's Technical Support department:

- Via the [Web](#)

- Via [Phone](#)

- Via [Email](#)

VIA THE WEB

Embarcadero Technical Support provides an online form that lets you open a Support case via the Web. To access this form, go to http://www.embarcadero.com/support/open_case.jsp.

We normally acknowledge the receipt of every case on the same day, depending on the time of submission.

VIA PHONE

United States

Embarcadero Technologies Technical Support phone number is (415) 834-3131 option 2 and then follow the prompts. The hours are Monday to Friday, 6:00 A.M. to 6:00 P.M. Pacific time.

For licensing issues, including Product Unlock Codes, call (415) 834-3131 option 2 and then follow the prompts. The hours are Monday to Friday, 6:00 A.M. to 6:00 P.M. Pacific time.

The Embarcadero Technologies Technical Support fax number is (415) 495-4418.

EMEA

Embarcadero Technologies Technical Support phone number is +44 (0)1628 684 499. The hours are Monday to Friday, 9 A.M. to 5:30 P.M. U.K. time.

For licensing issues, including Product Unlock Codes, call +44 (0)1628-684 494. The hours are Monday to Friday, 9 A.M. to 5:30 P.M. U.K. time

The Embarcadero Technologies Technical Support fax number is +44 (0)1628 684 401.

VIA EMAIL

United States

Depending on your needs, send your email to one of the following:

- support@embarcadero.com - Get technical support for users and evaluators
- upgrade@embarcadero.com - Request upgrade information
- key@embarcadero.com - Request a product key
- wish@embarcadero.com - Make a suggestion about one of our products

EMEA

Depending on your needs, send your email to one of the following:

- uk.support@embarcadero.com- Get technical support for users and evaluators
- uk.upgrade@embarcadero.com - Request upgrade information
- uk.key@embarcadero.com - Request a product key
- uk.wish@embarcadero.com - Make a suggestion about one of our products