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About This Document

Purpose

This guide provides information needed to install the Red Brick® Client Connector Pack, which includes the following components:

• Red Brick ODBC Driver and RBPing
• RISQL® Entry Tool (32-bit version only)
• RISQL Reporter (32-bit version only)

Audience

The intended audience for this document is the person who will install Red Brick Client Connector Pack components on a client system.

This document assumes that you are familiar with the Microsoft Windows environment and know how to:

• Point and click with a mouse
• Select menu items
• Enter information into dialog boxes
• Use the Microsoft Windows Help system

If you are not familiar with these functions, ask your PC system administrator for instructions or refer to your Microsoft documentation.
About This Document

Organization

Organization

This guide is organized as follows:

Chapter 1, “Installing Client Connector Pack Components,” describes how to install the Red Brick ODBC Driver and RBPing, RISQL Entry Tool, and RISQL Reporter.

Chapter 2, “Configuring the Red Brick Client Connector Pack,” describes how to change your ODBC setup, how to use RBPing, how to invoke RISQL Entry Tool and RISQL Reporter, and how to remove the Red Brick Client Connector Pack from your system.
Related Documentation

The standard documentation set for Red Brick Warehouse includes the following documents:

- **Installation and Configuration Guide**: Installation and configuration information, as well as platform-specific material, about Red Brick Warehouse and related products. Customized for either UNIX-based or Windows NT systems.

- **Warehouse Administrator’s Guide**: Description of warehouse architecture, supported schemas, and other concepts relevant to warehouse databases. Procedural information for designing and implementing a warehouse database, maintaining a database, and tuning a database for performance. Includes a description of the system tables and the configuration file (rbw.config). Customized for either UNIX-based or Windows NT systems.

- **Table Management Utility Reference Guide**: Description of the Table Management Utility, including all activities related to loading and maintaining data. Also includes information about data replication and the rb_cm copy management utility.


- **SQL Self-Study Guide**: Example-based review of SQL and introduction to the RISQL extensions, the macro facility, and Aroma, the sample database.

- **RISQL Entry Tool and RISQL Reporter User’s Guide**: Complete guide to the RISQL Entry Tool, a command-line tool used to enter SQL statements, and the RISQL Reporter, an enhanced version of the RISQL Entry Tool with report-formatting capabilities.

- **Messages and Codes Reference Guide**: Complete listing of all informational, warning, and error messages generated by warehouse products, including probable causes and recommended responses. Also includes event log messages that are written to the log files.

- **Release Notes**: Information pertinent to the current release that was unavailable when the documents were printed.
In addition to the standard documentation set, the following documents are included for specific sites:

**Red Brick Vista User’s Guide**
Description of the Red Brick Vista™ aggregate navigation and advice system, including procedures for rewriting queries and getting advice on the best set of aggregate tables and views to create. Includes detailed examples of queries whose performance can be dramatically increased by using aggregate navigation.

**SQL-BackTrack for Red Brick Warehouse User’s Guide**
Complete guide to SQL-BackTrack™ for Red Brick Warehouse, a command-line interface for backing up and recovering warehouse databases. Includes procedures for defining backup configuration files, performing online and checkpoint backups, and recovering the database to a consistent state.

**Client Connector Pack Installation Guide**
Procedures for installing and configuring the Red Brick ODBC Driver, the RISQL Entry Tool, and the RISQL Reporter on client systems. Included for those sites that purchase the Client Connector Pack.

**ODBC Connectivity Guide**
Information about ODBC conformance levels and instructions for compiling and linking an ODBC application using the Red Brick ODBClib SDK.

**Red Brick Data Mine User’s Guide**
Description of the data mining process, and procedural information for using the Red Brick Data Mine™ SQL-based interface to find hidden or unpredictable relationships among the data in a data set. Included for those sites that purchase the Red Brick Data Mine option.

**Red Brick Data Mine Builder™ User’s Guide**
Description of the data mining process, and procedural information for performing data mining using Red Brick’s GUI-based product in a Microsoft Windows environment.

Additional references you might find helpful include:
- An introductory-level book on SQL
- An introductory-level book on relational databases
- Documentation for your hardware platform and operating system

**Online Documentation**
The English version of the Red Brick Warehouse documentation is also available in Adobe Acrobat format (PDF) on a separate CD-ROM.
Conventions

Throughout Red Brick Systems technical publications, the following notation and syntax conventions are used:

- Computer input and output, including commands, code, and examples, appear in Courier.
- Information that you enter or that is being emphasized in an example appears in Courier bold to help you distinguish it from other text.
- Filenames, system-level commands, and variables appear in Palatino italic or Courier italic, depending on the context.
- Document titles always appear in Palatino italic.
- Names of database tables and columns are capitalized (Sales table, Dollars column). Names of system tables and columns are in all uppercase (RBW_INDEXES table, TNAME column).
Customer Support

Please review the following information before contacting the Customer Support Center at Red Brick Systems.

Support Solutions Warehouse

The Support Solutions Warehouse is the Customer Support Center’s external web site, an online resource that registered Red Brick customers can use to:

- Submit new cases.
- Read release notes.
- Find answers to frequently asked questions (FAQs).
- Search the Problems and Solutions database.

To use the Support Solutions Warehouse, point your web browser to the following URL and enter your registered username and password:

http://www.redbrick.com/RBCustomer/index.htm

If you do not have a registered username and password, contact the Customer Support Center by telephone, fax, or e-mail.

General and Technical Questions

If you have general sales-related questions or technical questions about Red Brick products or services, contact Red Brick Systems as follows:

Telephone
General Questions (408) 399-3200 or 1 (800) 777-2585
Technical Questions (408) 399-7100 or 1 (800) 727-1866

FAX
General Questions (408) 399-3277
Technical Questions (408) 399-3297

Internet e-mail
General Questions info@redbrick.com
Technical Questions support@redbrick.com

World Wide Web www.redbrick.com
Existing Cases

If you want to inquire about the status of an existing case, please have the case number ready. The case number will always be given to you by the support engineer who logs the case or first contacts you. This number is used to keep track of all the activities performed during the resolution of each problem.

New Cases

If you want to log a new case, please have the following information ready:
  • Red Brick Warehouse version
  • Platform and operating-system version
  • Error messages returned by Red Brick Warehouse or the operating system
  • Concise description of the problem, including any commands or operations performed prior to the occurrence of the error message
  • List of Red Brick Warehouse and/or operating-system configuration changes made prior to the occurrence of the error message

If you think the problem concerns client-server connectivity, please have the following additional information ready:
  • Name and version of the client tool in use
  • Version of Red Brick ODBC Driver in use (if applicable)
  • Name and version of client network and/or TCP/IP stack in use
  • Error messages returned by the client application
  • Warehouse and client locale specifications
Troubleshooting Tips

You can often reduce the time it takes to close your case by providing the smallest possible reproducible example of your problem. The more you can isolate the cause of the problem, the more quickly the support engineer can help you resolve it.

- For SQL query problems, try removing columns or functions, or restating WHERE, ORDER BY, or GROUP BY clauses until you can isolate the part of the statement causing the problem.

- For TMU load problems, verify the datatype mapping between the source file and the target table to ensure compatibility. Try loading a small test set of data to determine whether the problem concerns volume or data format.

- For connectivity problems, verify that the network is up and running by issuing the `rbping` command from the client to the host. If possible, try another client tool to see if the same problem arises.

Documentation Questions and Comments

If you have questions or comments about the Red Brick Warehouse documentation, please contact the Technical Publications Department at Red Brick Systems as follows:

**Telephone**
- +1 408 399 3200
- +1 800 727 1866 (USA only)

**Internet e-mail**
docs@redbrick.com
This chapter describes the process for installing the Red Brick® Client Connector Pack, which consists of the following components:

- Red Brick ODBC Driver and RBPing
- RISQL® Entry Tool (32-bit version only)
- RISQL Reporter (32-bit version only)

The Red Brick ODBC Driver is a computer program that allows a wide variety of Open Database Connectivity (ODBC) compliant database applications to work with Red Brick Warehouse. After the Red Brick ODBC Driver has been installed, you can use front-end applications such as Microsoft Access to access information in a Red Brick Warehouse database.

The RISQL Entry Tool lets you access Red Brick Warehouse databases on computers running UNIX-based and Windows NT-based operating systems. The RISQL Reporter provides all the features of the RISQL Entry Tool and lets you format reports with data retrieved from warehouse databases.

This chapter includes the following sections:

- Connectivity Architecture
- Hardware and Software Requirements
- Starting the Installation
- Installing the Red Brick Client Connector Pack Components

Note: If you have a question about installing or using a Red Brick product, contact your Red Brick Warehouse administrator. Questions regarding a client-based tool should be directed to the tool vendor.
Connectivity Architecture

In this document, the term *client* refers to the computer that requests information from a Red Brick Warehouse database, and the term *server* refers to the computer that stores Red Brick Warehouse data. Layers of communication software are shown in the following illustration.
Hardware and Software Requirements

Two versions of the Red Brick ODBC Driver for Windows are available: a 16-bit version and a 32-bit version. The one you should use depends on both the operating system and the client tools that you are using. Before installing the Red Brick ODBC Driver, make sure that you have the version that meets your requirements, as specified in the following sections. To check compatibility with specific versions of Red Brick Warehouse, refer to the Release Notes for Red Brick Warehouse. If you are unsure of your system specifications, refer to the system documentation or ask your system or warehouse administrator.

ODBC Driver Versions

The following table specifies which Red Brick ODBC Driver to use, based on the version of Red Brick Warehouse and Windows operating system version in use.

<table>
<thead>
<tr>
<th>Red Brick Warehouse Version</th>
<th>Driver to Use</th>
<th>Operating System to Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.0.10 or later</td>
<td>Red Brick ODBC-16 V 4.0.x</td>
<td>Windows 3.1, Windows 95, or Windows NT</td>
</tr>
<tr>
<td></td>
<td>Red Brick ODBC-32 V 5.0.x</td>
<td>Windows 95 or Windows NT</td>
</tr>
</tbody>
</table>

The 32-bit ODBC Driver is required only if your client applications require a 32-bit API (rather than a 16-bit API). If you are unsure of these API requirements, check with each application vendor.

If you are running a combination of applications, where some applications require a 32-bit API and others require a 16-bit API, install only the 32-bit Red Brick ODBC Driver.
Client Requirements

Before you can install the Red Brick Client Connector Pack, the client system(s) must include the following hardware and software:

- An IBM-compatible personal computer (PC) that is attached to a TCP/IP network
- A CD-ROM drive

**Note:** The Red Brick Client Connector Pack is distributed on a CD-ROM. The CD-ROM contains disk images that you can copy to 3.5-inch diskettes if they are needed.

- A hard disk with approximately 2 megabytes of free space.
- Appropriate versions of the Windows operating system and network/communications software. After you have determined that you have the correct Red Brick Client Connector Pack, based on your version of Red Brick Warehouse, Windows version, and client application API requirements, verify that you have the required network/communications software, based on the Windows operating system in use.

<table>
<thead>
<tr>
<th>Client-Side Operating System</th>
<th>TCP/IP Stack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows 3.x</td>
<td>Not included in Windows 3.1; install approved* TCP/IP stack. Recommend use of stack that supports WinSock.</td>
</tr>
<tr>
<td>Windows 95</td>
<td>Recommend use of integral WinSock-compliant TCP/IP stack.</td>
</tr>
<tr>
<td>Windows NT (Intel only)</td>
<td>Must use integral TCP/IP stack.</td>
</tr>
</tbody>
</table>

* Your warehouse administrator can contact Red Brick Customer Support Services for a list of approved stacks.
Server Requirements

The requirements for the warehouse server computer are as follows:

- A server computer and operating system software supported by Red Brick Warehouse. (Contact Red Brick Systems for a list of supported hardware and operating system software.)
- Red Brick Warehouse Version 5.0.10 or later.

For additional information about these requirements, refer to your Red Brick documentation or consult your warehouse administrator.
Starting the Installation

Use the Red Brick Setup utility (SETUP.EXE) to install the Red Brick Client Connector Pack options as described in the following sections.

The Setup utility copies the following files to your Microsoft Windows System directory, depending on the options you choose during the installation process:

• Red Brick ODBC Driver (RB16ODBC.DLL or RB32ODBC.DLL) and associated ODBC files.
• ODBC Administrator program, which lets you add or delete ODBC drivers and data sources.
• RBPing, which lets you see if a selected data source is “alive” by making a full connection/disconnection with the data source and reporting back the status.
• RISQL Entry Tool (32-bit version only)
• RISQL Reporter (32-bit version only)

Note: If you have previous versions of the Red Brick ODBC Driver installed, the new versions can co-exist with the previous versions due to a change in filenames.

Microsoft Windows must be running before you start the Setup utility. If it is not running, start it now. There should be no other applications running during installation of the Red Brick Client Connector Pack components.

To start the Red Brick Client Connector Pack installation:

1. In Microsoft Windows 3.1 or Windows NT 3.51, display the Program Manager File menu. In Windows 95 or Windows NT 4.0, display the Start menu.
2. Insert the Red Brick Client Connector Pack installation CD-ROM into the CD-ROM drive.
3. From the File or Start menu, select Run.
4. Browse to the Client16 or Client32 folder, depending on your platform, and open the Disk1 folder. Double-click setup.exe, or type setup in the Command Line box to start the Setup utility; for example, from the D: drive:

        d: setup

5. Click the OK button.

        A dialog box is displayed, informing you that the installation is being prepared. This process might take several seconds.
Installing the Red Brick Client Connector Pack Components

After the Setup utility has been loaded and started, the Welcome dialog box is displayed. You must close all other Windows programs before continuing the Setup process.

1. Click the Next button to begin the installation process.

The Select Red Brick Client Components dialog box is displayed.

2. Select the checkboxes for the components you want to install and click Next.

Note: You must install the Red Brick ODBC Driver.

If you are installing the 32-bit version of the Client Connector Pack and have chosen to install RISQL Reporter, a dialog box is displayed asking you to enter a license key. Type the RISQL Reporter license key (a string of characters and/or numbers) and click Next.

After you have entered the RISQL Reporter license key (or if you did not select the RISQL Reporter check box) the Choose Destination Location dialog box is displayed.
3. Click Next to accept the default location displayed in the dialog box. For the 16- and 32-bit versions, respectively, the default locations are as follows:

   c:\RedBrick\Client16
   c:\RedBrick\Client32

   If you want to install the Red Brick Client Connector Pack components in a different location, click Browse and select the location, then click Next.

   The Locale Language Specification dialog box is displayed.

4. Select the language and click OK.

   The language component of the locale specification controls which translation is used to display information and warning messages, object names, month and day names, and character data returned in query results.

   The Locale Components Specification dialog box is displayed.
Installing the Red Brick Client Connector Pack Components

Server Requirements

The default values appearing in the Locale Components Specification dialog box will differ depending on which language you selected. For example, if you selected English as your language, the default values are territory: UnitedStates; character set: US-ASCII; and sort order: Binary.

5. Choose a territory, character set, and sort order and click OK.

For a detailed description of locale specifications, refer to the International Reference Supplement.

A message box is displayed, showing the locale you have chosen, and asking if this is the correct specification. Click Yes to continue with the installation; click No to change your locale specification.

Note: To interrupt the installation process and return to Microsoft Windows, click the Cancel button. A message box tells you that the installation has been interrupted and allows you to resume the installation or return to Microsoft Windows.

The Install Drivers dialog box is displayed.

6. Select Red Brick (32) Driver (for the 32-bit version) or Red Brick (16) Driver (for the 16-bit version) from the list in the dialog box.

7. If you want to specify any of the advanced installation options for the driver, click the Advanced button to display the Advanced Installation Options dialog box. For more information about advanced installation options, refer to “Setting Advanced Installation Options” on page 1-12. If you do not want to specify any advanced installation options, continue with step 8.

8. Click the OK button.

If an earlier Red Brick ODBC Driver with a version number of 5.0.x or greater (for the 32-bit driver) or 4.0.x or greater (for the 16-bit driver) is currently installed, a dialog box asks if you want to overwrite the existing files. The installation will not overwrite any Red Brick ODBC Drivers with versions prior to 4.0.x or 5.0.x.

The Copying Files dialog box is displayed as the Setup utility begins to transfer files to your Microsoft Windows directory.
Installing the Red Brick Client Connector Pack Components

Defining Data Sources

Note: If during installation a pop-up window displays the following error:

Microsoft Setup: An error occurred while copying MSVCRT20.DLL. Restart Windows and try installing again (before running any application which uses ODBC).

it is possible that this file is being accessed by another application, or that your system is in an unstable state. The error might also appear for the file CTL3D32.DLL. If this occurs, exit Red Brick Setup, shut down Windows, and restart your machine. If the same error occurs when running Setup again, rename the MSVCRT20.DLL and CTL3D32.DLL files in your Windows NT System32 directory (System directory for Windows 95), or move them to another directory and run Setup again.

After all the files have been installed, the Data Sources dialog box is displayed.

![Data Sources dialog box](image)

**Defining Data Sources**

A data source is a logical name for the combination of a specific warehouse server installed on a host system, the name of a database on that host, and a database username. After definition, a data source name is displayed in the connectivity component of an ODBC-compliant tool, making it easy for user groups to access warehouse databases.

To define a data source name for a Red Brick Warehouse database:

1. In the Data Sources dialog box, click the Add button.

   The Add Data Source dialog box is displayed.
2. Select the appropriate driver—Red Brick (16) Driver or Red Brick (32) Driver—from the Installed ODBC Drivers list box and click OK.

   **Note:** Red Brick ODBC Drivers with versions prior to 4.0.x or 5.0.x appear in this list as “Red Brick Driver.”

   The Red Brick ODBC Driver—Data Source dialog box is displayed.

   ![Red Brick ODBC Driver -- Data Source](image)

   3. Type the following information in the dialog box:
      - **Data Source Name:** This name is a logical identifier for a data source; it can be composed of any character string. The following symbols cannot be used in a data source name: ( ) [ ] = ; { } , ? * ! @
      - **Server (Host:Port):** This is the host name and port number of the server running Red Brick Warehouse (for example, spock:7923).
      - **Database Name:** This name is the logical identifier for a valid warehouse database on the host machine, as defined by the warehouse administrator (for example, aroma).
      - **Default User Name:** This name is a database username, either *system* or another username granted access to the database.

   4. Click the OK button.

   The Data Sources dialog box is again displayed and the new data source you defined is displayed in the list box.

   If you want to define another data source, click the Add button again and repeat steps 1 through 4 until you have added all the desired data sources.
5. Click the Close button.

   A message box is displayed asking if you want to view the README file at this time.

6. Click Yes to view the README file now, or click No if you want to view it later.

   A message box is displayed informing you that Setup is complete.

   The installation session ends and you are returned to Microsoft Windows.

**Setting Advanced Installation Options**

The Advanced Installation Options dialog box is displayed when you click the Advanced button on the Install Drivers screen during the installation process. Most users will not need to change the default settings in this dialog box.

### Selected Driver(s)

This check box turns version checking on or off.

If the check box is selected, version checking is turned on (the default). The ODBC Control Panel option determines the version of the driver you want to install and asks you to confirm the operation if the driver is the same as or older than the existing one. This prevents an older driver from accidentally replacing a newer version.
Installing the Red Brick Client Connector Pack Components
Setting Advanced Installation Options

If you are installing the driver for the first time, this option has no effect.

If the check box is cleared, version checking is not turned on. The ODBC Control Panel installs the driver (regardless of its version number) without asking you to confirm the operation.

Driver Manager

These option buttons specify whether the ODBC Driver Manager is installed.

- **Install Driver Manager with version checking**: The ODBC Control Panel determines the version of the Driver Manager you will be installing and installs it only if it is the same as or newer than the existing Driver Manager.
- **Always install Driver Manager**: The Driver Manager is installed regardless of whether it is older than the current version.
- **Do not install Driver Manager**: The Driver Manager is not installed even if it is the same as or newer than the existing Driver Manager.

Translators

These option buttons specify whether translators are installed. Note that translators are always installed as a group.

- **Install Translators with version checking**: The ODBC Control Panel determines the version of the translators you will be installing and installs them only if they are the same as or newer than the existing translators.
- **Always install Translators**: The translators are installed regardless of whether they are older than the current translators.
- **Do not install Translators**: The translators are not installed even if they are the same as or newer than the existing translators.
Installing the Red Brick Client Connector Pack Components
Setting Advanced Installation Options
After installation of the Red Brick Client Connector Pack, you can add, modify, or delete an ODBC data source name or remove the entire Red Brick Client Connector Pack.

This chapter contains the following sections:

• Adding a Data Source Name
• Changing Data Source Options
• Modifying a Data Source Name
• Deleting a Data Source Name
• Using RBPing to Test a Data Source
• Invoking RISQL Entry Tool and RISQL Reporter (32-bit version only)
• Removing the Red Brick Client Connector Pack from Your System
Adding a Data Source Name

To add a new Red Brick ODBC data source to the Data Sources dialog box:

1. In Microsoft Windows 3.1 or Windows NT 3.51, double-click the Control Panel icon in the Main group of the Program Manager window. In Windows 95 or Windows NT 4.0, select Control Panel from the Start/Settings menu. You can also select Manage Data Sources from RBP'ing’s Command menu.

2. In the Control Panel window, select the ODBC icon (for the 16-bit ODBC driver) or the 32Bit ODBC icon (for the 32-bit ODBC driver).

   The Data Sources dialog box is displayed.

3. In the Data Sources dialog box, click the Add button.

4. Select Red Brick (16) Driver or Red Brick (32) Driver from the Installed ODBC Drivers list and click the OK button.

5. Type the host name and port number for the data source (for example, spock:7233).

6. Type the database name and username. Consult your warehouse administrator for appropriate values.

7. After you have entered this information, click the OK button to add the new data source to the list box.
Changing Data Source Options

The Data Source Options dialog box, accessed through the Options button on the Data Sources dialog box, lets you specify whether the ODBC calls to an application are traced, and the file to which the trace log is written. This information is used primarily for debugging purposes.

- **Trace ODBC Calls**: Select this option to trace all the ODBC calls made by any application. By default, ODBC calls are not traced.
- **Stop Tracing Automatically**: Select this option to stop tracing ODBC calls when the application exits.
- **Trace File**: This shows the name of the current ODBC trace file. To change the trace file, click the Select File button and choose a new file.

Click in an option’s check box to enable it, then click OK. To cancel changes to the options and dismiss the dialog box, click Cancel.

Modifying a Data Source Name

To change an ODBC data source in the Data Sources dialog box:

1. In Microsoft Windows 3.1 or Windows NT 3.51, double-click the Control Panel icon in the Main group of the Program Manager window. In Windows 95 or Windows NT 4.0, select Control Panel from the Start/Settings menu. You can also select Manage Data Sources from RBPing’s Command menu.

2. In the Control Panel window, select the ODBC icon (for the 16-bit ODBC driver) or the 32Bit ODBC icon (for the 32-bit ODBC driver).

3. In the Data Sources dialog box, select the data source you want to change from the list and click the Setup button.

4. Change the data source name, server, database name, and/or user information as appropriate.

5. Click OK to save your changes, or Cancel to revert to the existing information.
Deleting a Data Source Name

Deleting a Data Source Name

To delete an ODBC data source name from the Data Sources dialog box:

1. In Microsoft Windows 3.1 or Windows NT 3.51, double-click the Control Panel icon in the Main group of the Program Manager window. In Windows 95 or Windows NT 4.0, select Control Panel from the Start/Settings menu. You can also select Manage Data Sources from RBPing’s Command menu.
2. In the Control Panel window, select the ODBC icon (for the 16-bit ODBC driver) or the 32Bit ODBC icon (for the 32-bit ODBC driver).
   The Data Sources dialog box is displayed.
3. Select the data source name to be deleted from the Data Sources list.
4. Click the Delete button.
   A dialog box asks you to confirm that you want to delete the data source name.
5. Click Yes to confirm the deletion or No to cancel the deletion.

Using RBPing to Test a Data Source

To use the RBPing utility to determine whether a data source is “alive:”

1. In Microsoft Windows 3.1 or Windows NT 3.51, double-click the RBPing icon in the Red Brick Client 32 or Red Brick Client 16 Program Group. In Windows 95 or Windows NT 4.0, open the Start menu and select RBPing32 from the Red Brick Client 32 Program File.
2. Select a data source from the displayed list and click OK.

RBPing attempts to make a full connection/disconnection with the selected data source. If it is successful, it displays a dialog box informing you that the RBPing operation succeeded. This dialog box also displays the Red Brick Warehouse version to which you are connected and the Red Brick ODBC Driver version. If the operation is not successful, RBPing displays a dialog box informing you that the specified driver could not be loaded, and that the RBPing operation failed.
Invoking RISQL Entry Tool and RISQL Reporter

To invoke the RISQL Entry Tool and RISQL Reporter, double-click the risql or risqlrpt program item in the Red Brick Client program group (in Microsoft Windows 3.1 or Windows NT 3.51), or select risql or risqlrpt from the Red Brick Client program group in the Start menu (in Windows 95 or Windows NT 4.0).

The RISQL Entry Tool or RISQL Reporter window is displayed.

Connecting to a Data Source using the CONNECT TO Command

Use the CONNECT TO command to connect to a data source. Type

```
CONNECT TO <DSN_name>
```

where DSN_name is the name of a data source you have defined. For more information about defining data sources, refer to page 2-2.

Refer to the RISQL Entry Tool and RISQL Reporter User’s Guide for more information about using RISQL Entry Tool and RISQL Reporter.
Invoking RISQL Entry Tool and RISQL Reporter

Invoking RISQL Entry Tool and RISQL Reporter from the MS-DOS Command Line

You can also start the RISQL Entry Tool and RISQL Reporter from the MS-DOS command line. The following is the command line syntax:

```bash
risql [-d db_name] [-s dsn_name] [-h RB_HOST_value] [-q] [db_username] [db_password]
```

where:

- **-d db_name** Logical warehouse database name defined in the rbw.config file. A logical database name can also be specified with the RB_PATH environment variable or with an SQL CONNECT command.

- **-s dsn_name** Data Source Name (DSN) defined in the odbc.ini file on Windows PCs or in the .odbc.ini file on UNIX workstations. A DSN can also be specified with the RB_DSN environment variable.

- **-h RB_HOST_value** RB_HOST value defined in the rbw.config file. An RB_HOST value can also be specified with the RB_HOST environment variable.

- **-q** Quiet mode in which the copyright notice is not displayed when the tool starts.

- **db_username** Valid username for the specified database. If `db_username` is not specified, the tool prompts for the database username.

- **db_password** Valid username for specified database. If `db_password` is not specified, the tool prompts for the database password.

To start a RISQL Reporter session, substitute `risqlrpt` for `risql` above.
Removing the Red Brick Client Connector Pack from Your System

To remove the Red Brick Client Connector Pack from your system:

1. In Windows 3.1 or Windows NT 3.51, open the Red Brick Client (32) or Red Brick Client (16) Program Group. In Windows 95 or Windows NT 4.0, open the Start menu.

2. In Windows 3.1 or Windows NT 3.51, double-click the Uninstall icon. In Windows 95 or Windows NT 4.0, select the Uninstall icon.

The Uninstall program removes the Red Brick Client Connector Pack from your system.
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