

R:BASE 11

for Windows

Getting Started Guide





R:BASE 11 for Windows

Getting Started Guide

by R:BASE Technologies, Inc.

Welcome to R:BASE 11 for Windows!

R:BASE 11 is the new major release from R:BASE Technologies showcasing the latest advances for your databases and applications.

R:BASE 11 combines pure performance and high-tech features with a practical interface for users of all levels. R:BASE 11 users can achieve peak productivity to overachieve, outperform, and over-deliver on data management goals.

R:BASE 11 for Windows Getting Started Guide

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First Edition

Table of Contents

Part I First Things First	5
1 License Agreement	6
2 Technical Support	9
Part II Installing R:BASE 11	11
1 System Requirements	12
2 Things You Will Need	12
3 Client Installation	13
4 Server Installation	13
5 Setup Initialization	14
Welcome	14
License	15
Readme Information	16
Components	16
User Information	18
Destination Folder	19
Installation Progress	19
Process Completed	20
6 Files Installed	21
Part III Transferring R:BASE Environment Settings	24
Part IV Starting R:BASE for the First Time	26
Part V Startup Options	29
Part VI Desktop Shortcut Properties	31
Part VII Database Conversion	35
Part VIII Product Updates	37
Part IX Uninstall/Reinstall	39
Part X Useful Resources	42
Index	44

Part



1 First Things First

1.1 License Agreement

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The Program requires activation using a unique code. If you purchase a Single Seat License with or without 5 Seat Add-On Licenses, you agree to comply with the license activation and verification procedure described in this section of the Agreement. The activation technology may prevent your use of the Program if you do not follow the activation process described in this Agreement.

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Licenses for the Corporate VIP Licenses of the Program are not controlled by activation codes and can be operated from computers that are not connected to the Internet.

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The availability of software support services is subject to the End of Support (EOS) and End of Life (EOL) product life cycle, and to an active Software Assurance Plan. Where applicable, licensees will be provided with an option to upgrade to the current supported version of a software product.

LIMITED WARRANTY

RBTI warrants to you, as the initial user, the Program will perform substantially in accordance with the Documentation, provided it is used in unaltered form with functioning equipment and operating systems for which it was designed. RBTI will, at its option, with proof of payment within 30 days of the invoice

date and after the Program with Documentation has been deactivated and uninstalled, and software installer, whether provided by download or other means, permanently deleted from all drives and folders, issue a full refund. These are your sole remedies for any breach of warranty. No exceptions will be made.

SERVICES PROVIDED WITH PURCHASE

1. 30-Day Limited Complimentary Technical Support

LICENSEE RESPONSIBILITIES

- To help us expedite the process and provide high quality assistance, the licensee must provide proof of purchase when calling. Proof of purchase is defined as the following: registration number, purchase date, version and build number, and company or individual to which product is registered.
- To have operating system, workstations, and local network installed and functional. RBTI will NOT be responsible for resolving issues not pertaining to the Program.
- Our support staff deals with advanced issues, therefore the person contacting RBTI for assistance should be the system administrator or have other R:BASE/SQL experience and be able to understand and implement the advice given.
- To have the database(s) being converted, safely backed-up before attempting conversion process. RBTI will NOT be held responsible for lost data or corruption as a result of advice given.

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- To provide quality assistance in a timely manner to aid Licensee in the installation of the product within 30 days of the date of purchase.
- To provide a reasonable solution for any resolvable issue. Not all issues are resolvable, and therefore we will acknowledge the existence of known issues or "bugs" which we are presently aware of, that have no reasonable work-around.

RBTI reserves the right to limit the amount of support time allotted to a maximum of 2 HOURS during the 30-Day Complimentary Technical Support Period. We also reserve the right to limit the quantity of calls from a particular Licensee to 30 MINUTES in a single day. Issues are dealt with on a case-by-case basis, and are handled at the discretion of the support agent assigned to the case. Complimentary Support is limited to INSTALLATION and ELEMENTARY CONVERSION related issues ONLY. Our support hours are from 10am. to 6pm. Eastern Time.

For assistance on your APPLICATIONS, DESIGN, or ADVANCED CONVERSION issues, we offer Technical Support Plans of various types to meet your needs. Please visit the SUPPORT area of our website at www.rbase.com for details and pricing.

2. Fixes for Known Issues

RBTI will provide continued product fixes for known issues or "bugs" for 1 YEAR from the software purchase date. After 1 year, users are urged to acquire the necessary Software Assurance Plan to continue with product support and ongoing activations for reinstallations and license transfers.

3. Enhancement Requests

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4. Periodic Activations

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1.2 Technical Support

Please read over the help documentation at least once before seeking support. We have worked very hard to make the help documentation clear and useful, but concise. It is suggested that you reread these instructions once you have become accustomed to using the software, as new uses will become apparent.

If you have further questions, and cannot find the answers in the documentation, you can obtain information from the below sources:

- Email our Technical Support Staff at: support@rbase.com
- Access the R:BASE Technologies Support home page online at <https://www.rbase.com/support>

You may be required to purchase a technical support plan. Several support plans are available to suit the needs of all users. [Available Technical Support Plans](#)

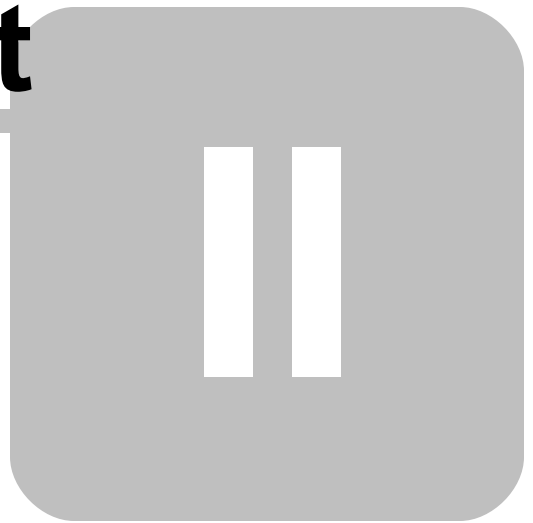
Please be prepared to provide the following:

- The product registration number, which is located on the invoice/order slip for the purchased product
- The type of operating system and hardware in use
- Details regarding your operating environment; such as available memory, disk space, your version of R:BASE, local area network, special drivers, related database structures, application files, and other files that are used or accessed by your application

All provide information will be used to better assist you.

R:BASE Technologies has a number of different services available for R:BASE products. As a registered user, you will receive information about new features for R:BASE and other R:BASE Technologies products. Please remember to register your software. <https://www.rbase.com/register/>

Part



2 Installing R:BASE 11

2.1 System Requirements

The following system specifications are recommended for the optimal use of R:BASE and R:BASE-related software.

Workstation Hardware

- 2-Core 2GHz+ CPU
- 2 GB of available RAM (4 GB recommended)
- 2 GB of available hard disk space
- 1024x768 or higher resolution video adapter and display
- Standard mouse or compatible pointing device
- Standard keyboard

Server Hardware

- 2-Core 2GHz+ CPU
- 6 GB of available RAM (8 GB recommended)

Operating System

- Microsoft Windows 11 (Professional)
- Microsoft Windows 10 (Professional)
- Microsoft Windows Server 2022
- Microsoft Windows Server 2019
- Microsoft Windows Server 2016
- Microsoft Windows Server 2012, 2012 R2

Network

- Ethernet infrastructure (Gigabyte recommended)
- Internet connection recommended, but not required, for license activation, software updates, and support
- Anti-virus programs should exclude the R:BASE program, and any add-on product, executable and database files

2.2 Things You Will Need

- License Key

Before launching the installer, it is recommended that you have your 32-character License Key readily available. The License Key is provided in a document, with the email message, when the software was originally purchased. If you have lost or misplaced your License Key, please contact our Support Staff by email at support@rbase.com.

- Internet Access

The computer where the software will be launched should have access to the Internet for activation. The Internet access is used to visit the R:BASE Technologies Web site to provide your required Activation Key.

In instances where the software will be installed on a computer that is not connected to the Internet, you must then contact R:BASE Technologies to provide information displayed on the computer screen. Please contact our staff by email at activationkey@rbase.com. The Registration Number must be provided. The Registration Number is displayed on the invoice/order slip, and within the email, when the software was originally purchased.

2.3 Client Installation

The Client Installation is the typical installation choice for single users or for users that want R:BASE installed upon the workstations, not the server, within a local area network.

Using this method, you will run the installer ".exe", provided by download, while physically sitting at the workstation.

Make sure to log into the computer as the Administrator when installing R:BASE. Otherwise, you will not be able to install the software properly.

Next, follow the "[Setup](#)" instructions.

2.4 Server Installation

The Server Installation is the typical installation choice for network administrators and developers that want R:BASE installed upon a centralized location within a local area network. It is beneficial to use this method when there are a great number of users which will be launching the R:BASE software. Another benefit is that when applying R:BASE updates, there is only one installation to be updated, other than updating every workstation individually.

Using this method, you will run the installer ".exe", provided by download, while physically sitting at the server, or by remote access. Or, you can run the "Setup.exe" on a workstation and change the "Destination Folder" to a shared network directory during the Setup process, but this option prevents the proper installation of the R:BASE ODBC driver. If you have a R:BASE application which uses the R:BASE ODBC driver, you must run the installer at the server.

When running the installer, the "[Components](#)" screen will display a "Server Installation" option that must be selected.

After the installation is complete, users must be supplied with the necessary network access rights. The users will require read permissions to launch the R:BASE program. If you intend to store the database files in the same directory as the R:BASE program, then read and write permissions are required. For more information about these access rights, refer to the documentation for your network. Both mapped drive letters and universal naming conventions (UNC) are supported for the network shared directory.

Desktop Shortcut Properties

For each individual workstation, a desktop shortcut must be created to the R:BASE program on the server. From the end user workstation desktop, navigate to the "Destination Folder" where the R:BASE program files were installed. Right click on the RBG11.EXE, select "Send To" > "Desktop (create shortcut)". Then, on the desktop, right click and select properties for the new desktop icon. From the "Shortcut" tab, add a "-a" parameter to the end of the "Target:" field value. The executable and "-a" parameter should be separated with a space. Select the "Apply" button. Under the "General" tab, edit the shortcut name to what ever you choose. Save your changes by selecting the "OK" button.

Server Installation Environment Considerations

Default Settings

Each workstation that has their desktop set up appropriately with the shortcut properties will launch from the server correctly. However, all of the default user settings for R:BASE, which are loaded during the installation process, are now only located on the server's registry. This will leave the workstation's R:BASE Development interface with no stored settings forcing you or the user to set up the screens for the main Database Explorer, the Form, Report and Label Designers, the R:BASE Editor, R:Style, the R> Prompt console, the Data Browser, and the Data Dictionary. In most cases a server installation means that end users will be running a custom application and will not need to access the development interface. If this is not the case, and you require that users have the ability to develop in R:BASE with a server installation, and would like the series of R:BASE default settings, a registry dump is available within the R:BASE program folder.

(CVAL('NAME')) Function

Having the R:BASE configuration file stored in a single location means that all users will be recognized with the same name when using the (CVAL('NAME')) Function. An alternative is to use the Functions

(CVAL('NETUSER')), which captures the logged in network user name, and/or (CVAL('COMPUTER')), which captures the actual computer name.

Product Updates

After the server installation is implemented, you must remember that your method of applying R:BASE [program updates](#) has changed. When running an R:BASE update, be sure to use the "Server Update" button, which will drop all the program and DLL files into the specified directory.

Launching the R:BASE Compiled Help (.CHM)

For those who are running the R:BASE "development" environment from a network installation and will launch the compiled help files (.CHM) from the network drive, the help files will not display properly. The usual message displayed is a "Action canceled" screen. This is the result of a Microsoft Security update that prevents users from running compiled Help files (.CHM) on network drives, as it may pose a threat.

R:BASE Technologies, Inc. has no control over how the compiled help files are displayed, as this is an operating system update. There are two options available to all R:BASE users:

1. Users can store and launch the R:BASE Help files on the local hard drives of the computers.
2. Our Help Software vendor, Help & Manual, offers a utility solution where the CHM files can now be launched successfully from network drives. http://www.ec-software.com/products_hhreg.html

This would be beneficial to any R:BASE user with the program installed on the network, and to any custom application where they to run their own compiled help.

2.5 Setup Initialization

Make sure to log into the computer as the Administrator when installing R:BASE. Otherwise, you will not be able to install the software properly.

Run the installer ".exe", provided by download, while physically sitting at the workstation to begin the installation process.

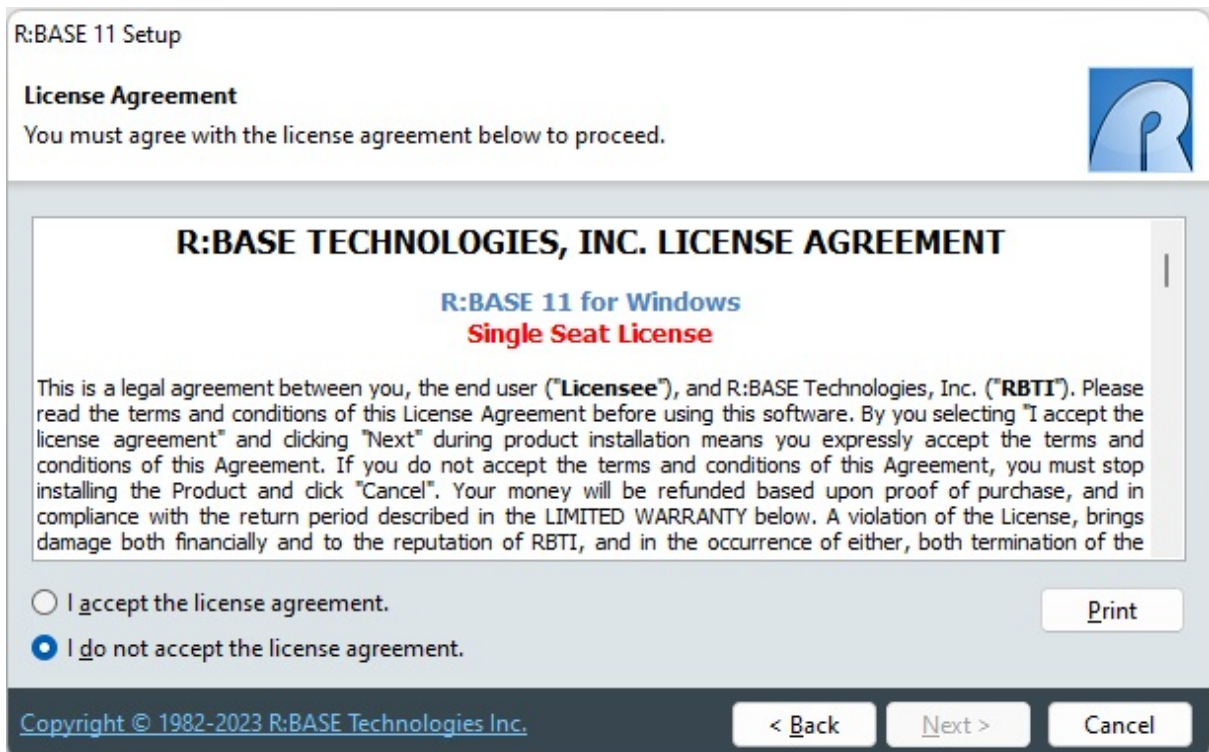
2.5.1 Welcome

The R:BASE 11 for Windows setup was designed to make the process as simple and efficient as possible. After the initialization process, you will be presented with the Welcome screen.



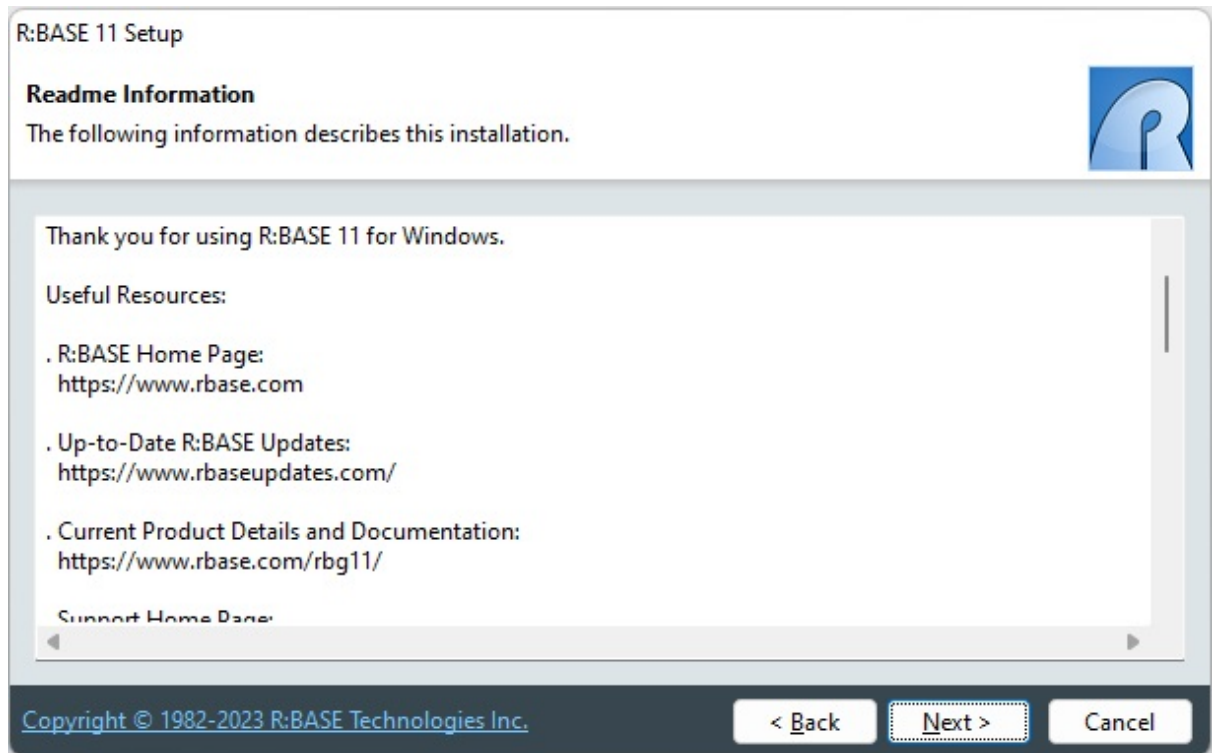
Click "Next" to this screen, you will be advance to the License screen.

2.5.2 License



Before you will be allowed to continue, you must agree to the license by clicking the "I accept the license agreement" radio button. Only then will you be able to press the "Next" button to continue.

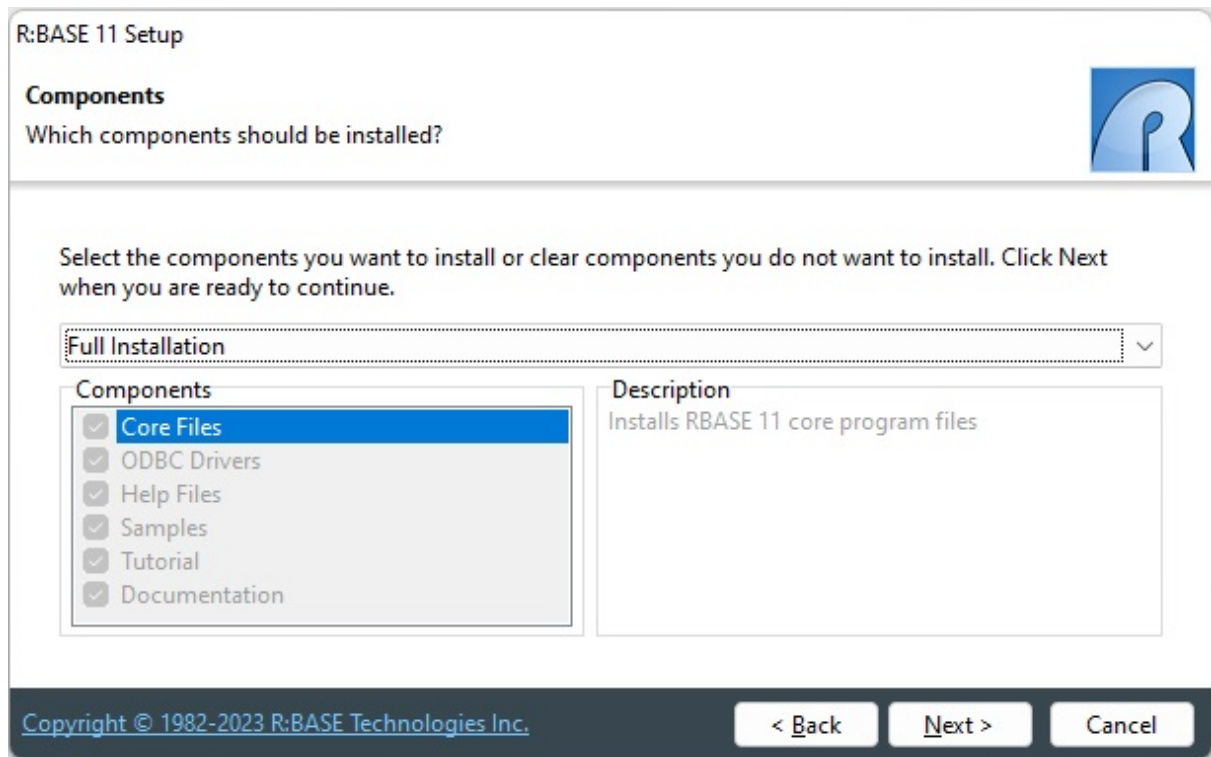
2.5.3 Readme Information



Press the "Next" button to continue after reading the information.

2.5.4 Components

The Components screen allows for four different installation methods for R:BASE; **Full**, **Compact**, **Custom** and **Server**.



Components	Full	Compact	Custom	Server
Core Files	Yes	Yes	Yes	Yes
ODBC	Yes	Yes	Optional	Yes
Help Files (CHM)	Yes	No	Optional	No
Documentation (PDF)	Yes	No	Optional	No
Samples	Yes	No	Optional	No
Tutorial	Yes	No	Optional	No
R:BASE Editor Schemes	All	R:BASE Only	All	R:BASE Only

Client Installation

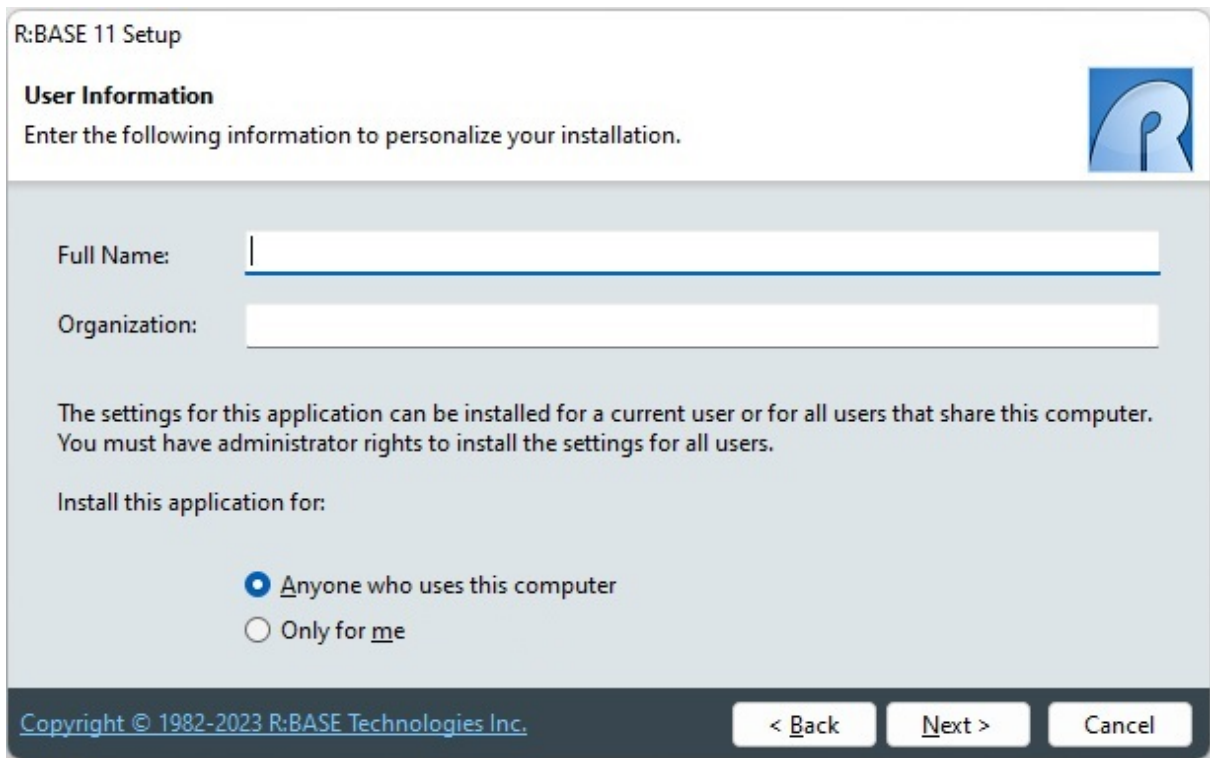
The Full, Compact, and Custom installation options are for users that want R:BASE installed upon the client workstation. For the "Custom" installation option, a [different set of files can be installed](#) for each "Components" option selected. These methods will load the R:BASE executable into the program directory and the engine files into the system directory.

Server Installation

When choosing the [Server Installation](#), all files are installed into the selected [Destination Folder](#). The Server Installation is the typical installation choice for network administrators and developers that want R:BASE installed upon a centralized location within a local area network.

It is beneficial to use this method when there are a great number of users which will be launching the R:BASE software. Another benefit is that when applying R:BASE updates, there is only one installation to be updated, other than updating every workstation individually.

2.5.5 User Information



R:BASE 11 Setup

User Information

Enter the following information to personalize your installation.

Full Name:

Organization:

The settings for this application can be installed for a current user or for all users that share this computer. You must have administrator rights to install the settings for all users.

Install this application for:

Anyone who uses this computer

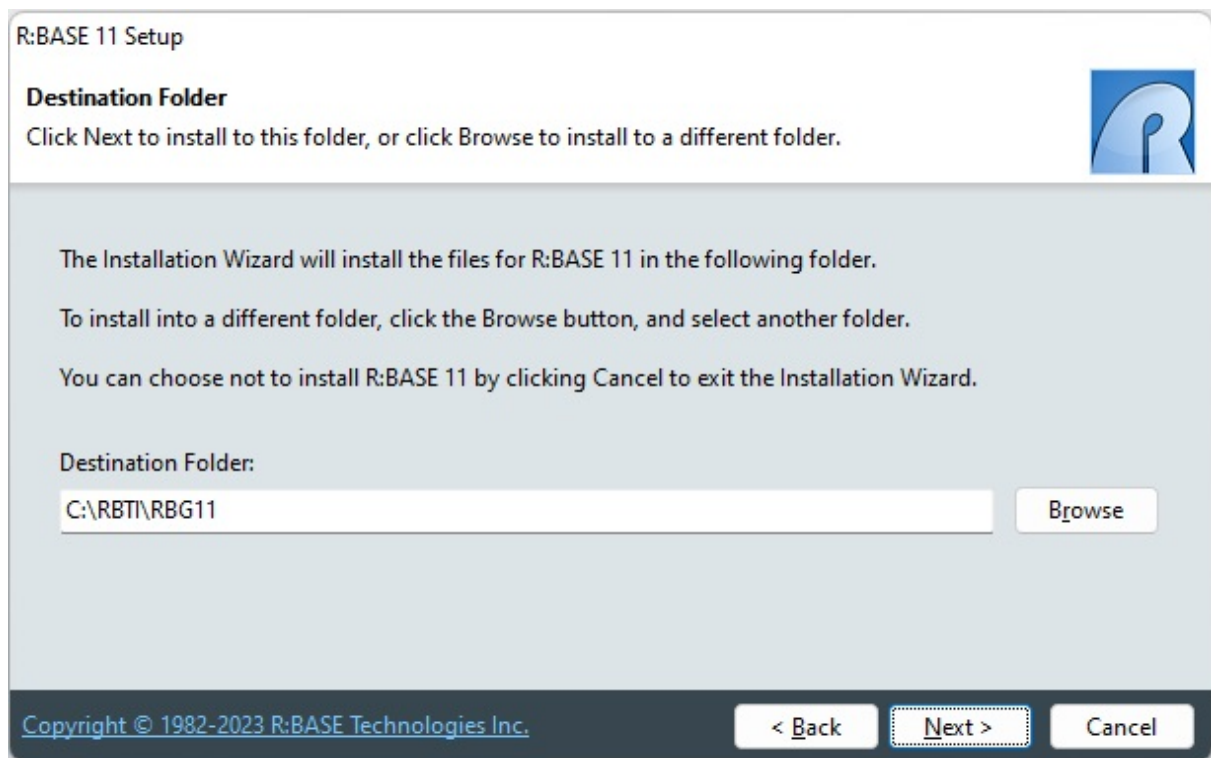
Only for me

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< Back Next > Cancel

The User Information screen allows you to enter personal information for the installation. You can also choose between installing the program for "Anyone who uses this computer" that may log onto the machine, or just for yourself. This option determines whether desktop and program shortcuts are provided just yourself, or all who use the computer. Select the appropriate radio button after entering your information and press "Next" to continue.

2.5.6 Destination Folder



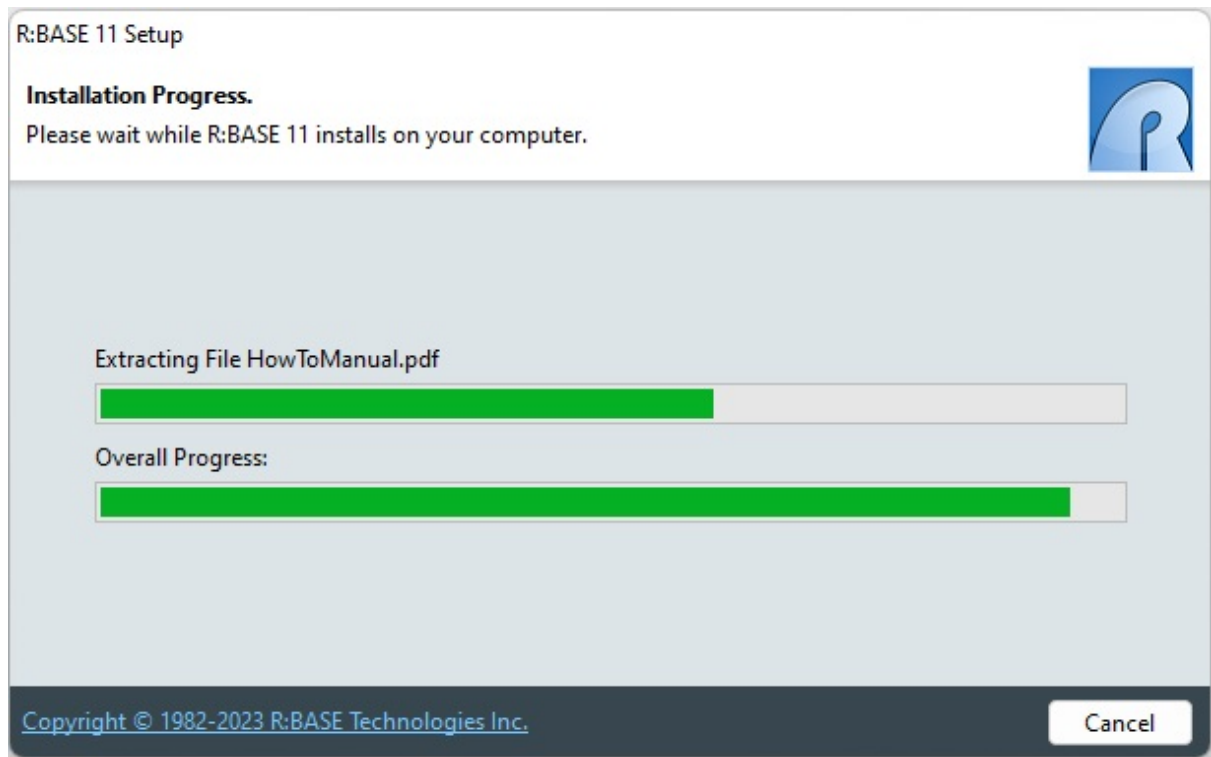
The Destination Folder screen allows you to tell the installer where you would like the program to be installed.

Simply click the "Browse" button to navigate to your desired location. The installer will create the directory you choose if it does not already exist. The program will be installed in a subdirectory of your chosen location.

When finished, press "Next" to continue.

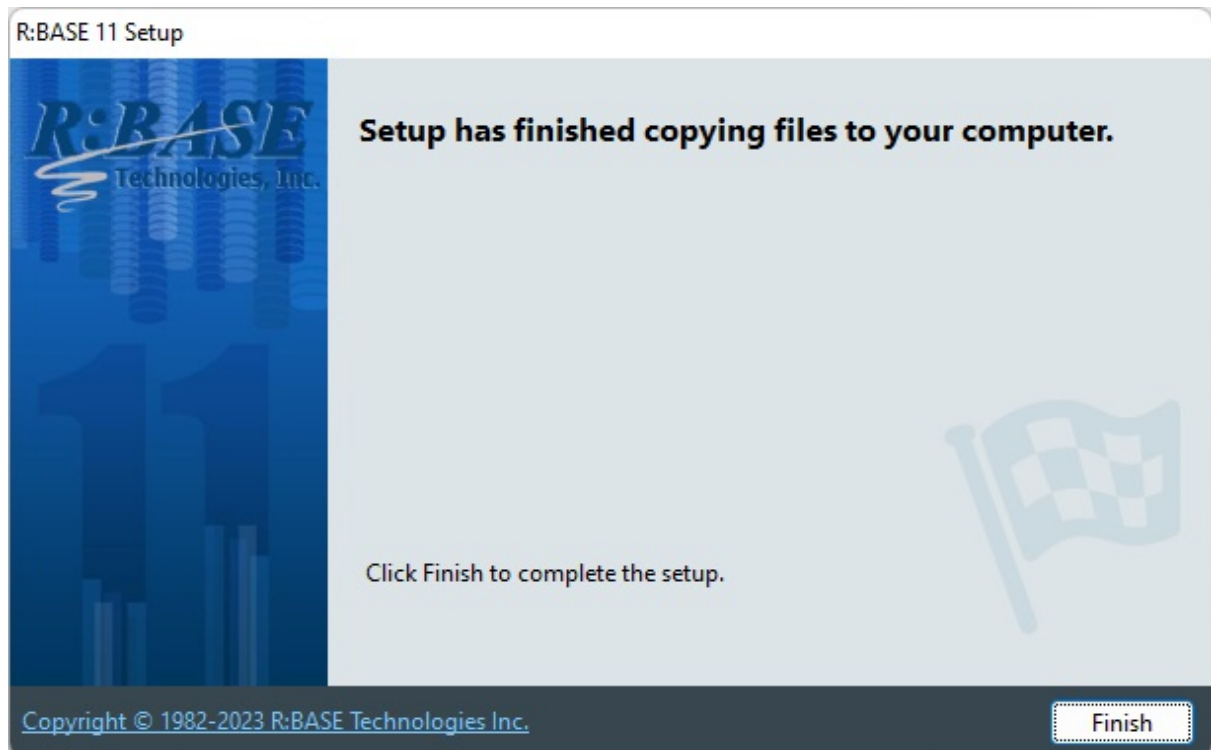
2.5.7 Installation Progress

The installation process will show you the status of the installation. If any errors occur, they will display during this process.



Sit back and relax while the program does its work!

2.5.8 Process Completed



When you receive this screen, the installation process has successfully completed.

Press "Finish" to finalize the installation and begin using R:BASE 11!

2.6 Files Installed

The R:BASE 11 installer will place the following files into the following folders.

The color coding represents the different "Components" option that can be selected during the installation process.

Files	Full	Compact	Custom	Server
Core Files	Yes	Yes	Yes	Yes
ODBC	Yes	Yes	Optional	Yes
Help Files (CHM)	Yes	No	Optional	No
Documentation (PDF)	Yes	No	Optional	No
Samples	Yes	No	Optional	No
Tutorial	Yes	No	Optional	No
R:BASE Editor Schemes	All	R:BASE Only	All	R:BASE Only

Program Directory - **C:\RBTI\RBG11**

- All_About_the_CHOOSSE_Command.pdf
- All_About_the_DIALOG_Command.pdf
- All_About_the_PAUSE_Command.pdf
- All_About_the_PRINT_Command.pdf
- Applications.chm
- Codelock.chm
- **COMMAND.INI**
- CommandIndex.pdf
- DatabaseMaintenance.pdf
- DataBrowseEdit.chm
- DBExplorer.chm
- EForms.chm
- Forms.chm
- FormProperties.pdf
- FormProperties_TOC.pdf
- FormsManual.pdf
- FunctionIndex.pdf
- GainingSpeedWithProgramming.pdf
- Gateway.chm
- help.rid
- HowToManual.pdf
- Labels.chm
- **License.rtf**
- MovingRBASEToANewPC.pdf
- MultiUserGuide.pdf
- ProblemSolvingInRBASE.pdf
- ProgrammingInRBASE.pdf
- QBE.chm
- RBASE_11_forWindows_DatabaseConversionGuide.pdf
- RBASE_11_forWindows_GettingStartedGuide.pdf
- RBASE_11_forWindows_QuickInstallationGuide.pdf
- RBASE_11_FeatureHighlights.pdf
- RBASE_11_FrequentlyAskedQuestions.pdf
- RBASE_HotKeys.pdf
- RBDefine.chm
- RBEEdit.chm
- **RBErrorMessageHelp.dll**
- RBG.chm
- **RBG11.exe**
- **RBG11.ico**

- **RBG11_Default_Settings.exe**
- **RBThemes11.dll**
- **ReadMe.txt**
- **ReferenceIndex.pdf**
- Reports.chm
- RPrompt.chm
- STProcedure.chm
- **TabPrint.dll**
- Trace.chm
- Tutorial.chm
- Tutorial.pdf
- UnderstandingDLCALL.pdf
- **WebView2Loader.dll**
- **WhatsNewIn_RBASE_11_forWindows.pdf**
- **Samples**
 - **BMPS**
 - **ConComp**
 - **RRBYW19**
 - **RRBYW20**
- **SyntaxSchemes**
 - **aspinhtml.sch**
 - **assembler.sch**
 - **awk.sch**
 - **batch.sch**
 - **c.sch**
 - **clipper.sch**
 - **cppbuilder.sch**
 - **csharp.sch**
 - **css1.sch**
 - **css2.sch**
 - **dfm.sch**
 - **fortran.sch**
 - **foxpro.sch**
 - **html.sch**
 - **ini.sch**
 - **javabuilder.sch**
 - **jscript.sch**
 - **jsinhtml.sch**
 - **midl.sch**
 - **modula2.sch**
 - **oberon.sch**
 - **objectpascal.sch**
 - **perl.sch**
 - **phpinhtml.sch**
 - **plsql.sch**
 - **python.sch**
 - **rbase.sch**
 - **rc.sch**
 - **shell.sch**
 - **sql_oracle.sch**
 - **tcltk.sch**
 - **txt.sch**
 - **vbasic.sch**
 - **vbscript.sch**
 - **vbsinhtml.sch**
 - **xml.sch**
 - **xml_scripts.sch**
- **Tutorial**
 - **ChargesByDateRange.rmd**
 - **SkyWriteAppSample.rba**
 - **SkyWriteSample.RX1**
 - **SkyWriteSample.RX2**
 - **SkyWriteSample.RX3**
 - **SkyWriteSample.RX4**
 - **SKYDATA.BAK**

- **SKYWRITE.JPG**
- **Tutorial.chm**
- **Tutorial.pdf**

Windows Directory

- **rbuninstall.exe**

User Directory (The path is "C:\Users\Public\RBTI\" or is "C:\Users\\RBTI\" based upon the selection made for the [User Information](#) dialog)

- **RBENGINE11.CFG**
- **RStyle11.CFG**

System Directory

- **RBG11.dll**
- **RBG11_ins.dll**
- **RBENGINE11.DLL**
- **RSTYLE11.DLL**

System 64 Directory

- **RBG11_64.dll**
- **RBG11_ins_64.dll**

Part



3 Transferring R:BASE Environment Settings

When moving an existing R:BASE installation from one PC to another, or when upgrading between R:BASE versions, the procedures detailed in the [MovingRBASEToANewPC.pdf](#) technical document should be followed to preserve your R:BASE data and development environment. The document is located within the default installation folder.

Part



IV

4 Starting R:BASE for the First Time

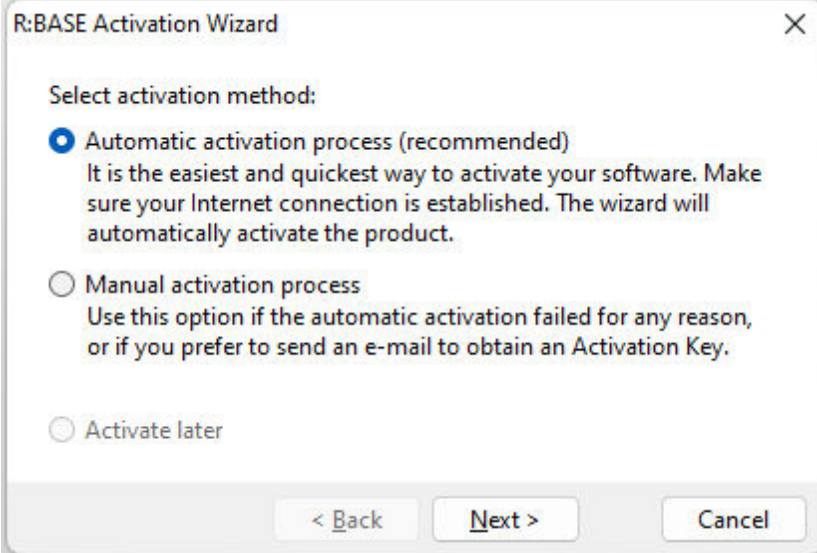
When starting R:BASE 11 for Windows for the first time, you will be prompted for your product License Key, followed by the activation process.

After launching R:BASE, you will be prompted to enter your 32-character License Key, which is provided with your product.



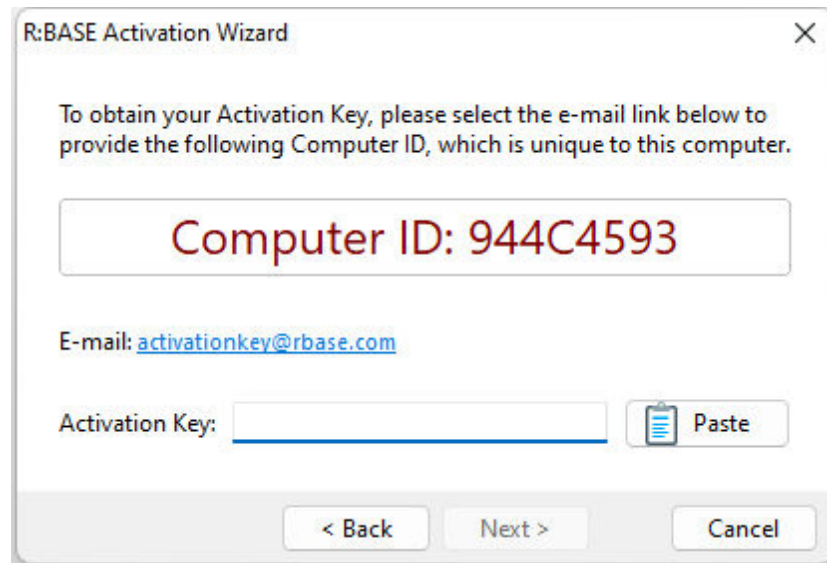
The image shows a dialog box titled "License Information" with a close button (X) in the top right corner. Below the title is the text "Enter License Key:" followed by a series of eight empty text boxes separated by hyphens. At the bottom of the dialog, there are three buttons: "Paste" (with a clipboard icon), "OK" (with a green checkmark icon), and "Cancel" (with a red X icon).

After entering the License Key, you will see a dialog to prompt for your activation method. The software can be activated automatically over the Internet, or manually by retrieving an Activation Key from R:BASE Technologies by email. If you select "Later", you will be reminded each time R:BASE starts to activate your copy.

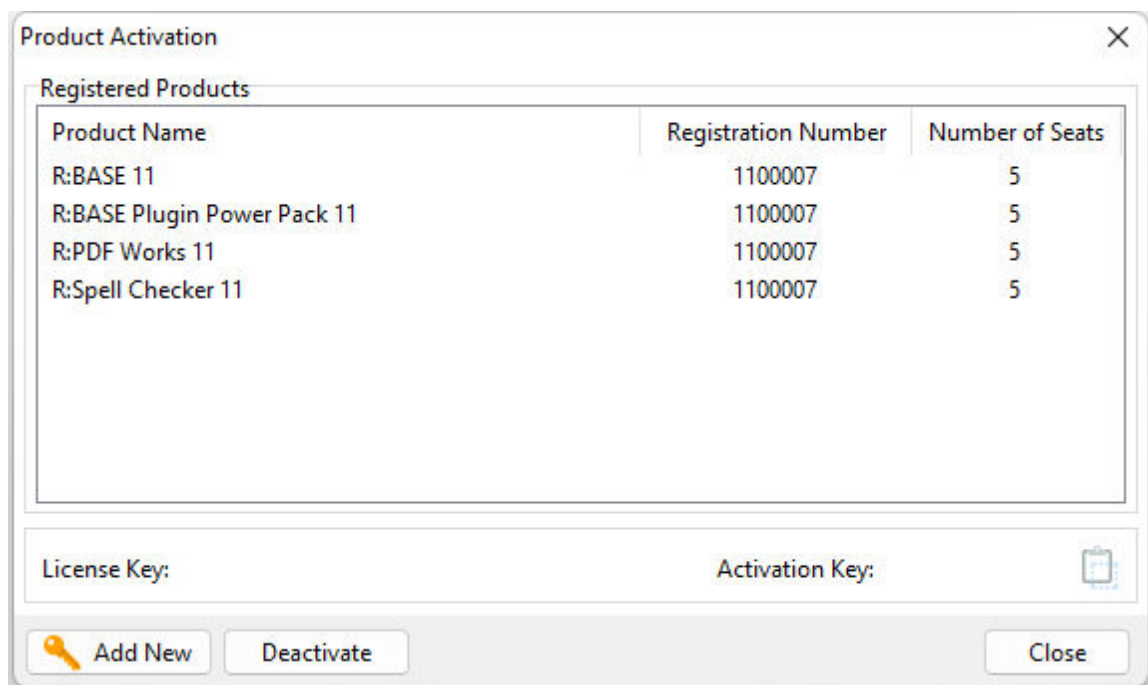


The image shows a dialog box titled "R:BASE Activation Wizard" with a close button (X) in the top right corner. Below the title is the text "Select activation method:". There are three radio button options: "Automatic activation process (recommended)" (which is selected), "Manual activation process", and "Activate later". Each option has a brief description. At the bottom of the dialog, there are three buttons: "< Back", "Next >", and "Cancel".

When activating the software manually, you select the e-mail link to launch your email client and send a pre-formatted message to R:BASE Technologies that will contain your License Key and the displayed Computer ID. You will need to provide your R:BASE Registration Number and Computer ID.



At any time, you can review your product information by starting R:BASE 11, and selecting "Help" > "Product Activation" from the menu bar. Your R:BASE Registration Number is displayed on the window. You can also enter additional License Keys for R:BASE add-on products.



Please be advised that if you are activating multiple workstations, it is highly recommended that you keep records of the computer name, Computer ID and Activation Key for future reference. Access to this information will prove convenient in the event of a hardware failure or license transfer when uninstalling R:BASE.

Please see: [Uninstall/Reinstall](#)

Part



5 Startup Options

Once R:BASE for Windows launches,, you can customize how you want the program to start each time.

If you go to "Settings" > "Startup Options," you can choose which window you want R:BASE to start with:

- Show Database Explorer - will display the Database Explorer
- Show R> Prompt - will display the R> Prompt
- Show R:BASE Editor - will display the R:BASE Editor
- Maximize Main Window - will maximize the R:BASE window
- Show Splash Screen - will display the R:BASE splash screen
- Allow Only One Instance of R:BASE - limits the number of R:BASE instances that can be launched to one
- Use Small Icons In Designer Toolbars and Menus - toggles between 16x16 and 24x24 icons within the Form/Report/Label Designer areas

R:BASE will also remember the last coordinates of the window when you start the program again. These settings are unique for each user.

Part



6 Desktop Shortcut Properties

R:BASE for Windows supports several startup parameters that users can embed in the desktop shortcut properties, or use as command line switches, to launch a custom R:BASE application, or to launch R:BASE in a different folder. When multiple parameters are specified, each must be separated with a space.

Target:

-A

This option tells R:BASE to look in the specified "Target" folder first for the R:BASE engine and configuration files. This option is beneficial if you are making only one installation of R:BASE on a network server and want local workstations to be able to launch the R:BASE program without the need to install it on the local workstation. Add the "-A" parameter after the executable at the end of the "Target:" field value. The executable and "-A" parameter should be separated with a space.

"-BASE"

Initiates optimized Database Explorer settings for use in active server environments. The settings allow for faster use of R:BASE for Database Administrators who do not have the capabilities to copy an entire database locally just to perform a quick and important change. The values are set on load. This means that when R:BASE is closed the current "minimal" settings will be saved. The following setting changes are performed during load:

- use of the "View As List" display will omit displaying column details for objects
- UINOTIF setting is turned OFF where the Database Explorer will not refresh for object changes
- the Show Slave Table setting is disabled within the Database Explorer
- the Indicator For Compressed Forms/Reports/Labels is disabled within the Database Explorer
- the Show Row Numbers is disabled within the Database Explorer
- the custom Explorer Appearance settings is disabled within the Database Explorer
- the product splash screen is not displayed

"-BLOB <filename>"

This option opens the specified file (rich text, image, etc.) in the R:BASE BLOB Editor as the initial screen, when the program is launched. Note that there is a single space between the -BLOB and the file name parameter, and that the -BLOB <filename> must be enveloped in double-quotes. **Example:** C:\RBTI\RBG11\RBG11.EXE "-BLOB C:\RBTI\RBG11\License.rtf"

-C or -P

This option opens the R> Prompt window when the program is launched.

-E

This option opens the R:BASE Editor when the program is launched.

"-E <filename>"

This option opens the specified file in the appropriate file editor when the program is launched. An RFF file is opened in the External Form Designer, an RBA file in the Application Designer, and the rest in the internal R:BASE Editor. Note that there is a single space between the -E and the file name parameter, and that the -E <filename> must be enveloped in double-quotes. **Example:** C:\RBTI\RBG11\RBG11.EXE "-E C:\RBTI\RBG11\ReadMe.txt"

-FS

This option forces the display of splash screen, even if it is set to not be shown in the Startup Options, or if "-S" is used.

-L

This option opens the Database Explorer when the program is launched.

"-O filespec"

Specifies an alternate R:BASE configuration file to use for startup information. Note that there is a single space between the -O and the file name parameter, and that the -O <filespec> should be enveloped in double-quotes. **Example:** C:\RBTI\RBG11\RBG11.EXE "-O C:\Users\William\Documents\RBENGINE11.CFG"

filespec

This option specifies a startup file opens your custom application directly. It can be a command file (.DAT, .RMD, .CMD) or an R:BASE application file (.RBA).

-S

This option opens R:BASE in silent mode, where the splash screen is hidden even if it is set to be shown in the Startup Options.

"-T xxx"

This option adds an additional text label to an R:BASE instance, where xxx is a custom text (e.g. Development) or "RandomID", to better identify the running instance in the Task Manager. This is useful when running multiple instances of R:BASE. A recommended parameter is "-T RandomID" to use the current operating system TickCount value, which returns the number of milliseconds elapsed since the system started. **Example:** C:\RBTI\RBG11\RBG11.EXE "-T RandomID"

-X

This option does not load the Database Explorer, R> Prompt, or R:BASE Editor, even if the modules are set to be shown in the Startup Options. This parameter has a lower priority than -C, -P, -L, and -E. For example, the editor will be shown if both -X and -E is used. This option is useful when R:BASE is used as a file editor, as the program can be loaded with only the R:BASE Editor displayed at startup.

-RBACKUP

This option specifies R:BASE will open as only as R:Backup. When this switch is present, other switches meant for R:BASE are ignored. R:Backup specific parameters include the following:

-S

Runs R:Backup in silent mode

-R

Runs an R:Backup project

filespec

Specifies the R:Backup file (.rtb) to be loaded or executed

Start in:

By editing the "Start in:" field, you can alter what folder location R:BASE will launch in. You can specify a local folder, a mapped network drive, or a UNC path.

Launching Applications

To launch a custom application on a network folder, edit the "Start in:" field to the database and custom application folder. Then, specify your R:BASE application file or startup file in the "Target:" after the R:BASE executable. Separate the executable and startup file with a space.

Notes:

- The order in which the parameters are listed in the Target field is the order in which the modules will open and appear in the R:BASE program, with the last parameter displayed. For example, using the following Target: C:\RBTI\RBG11\RBG11.EXE -E -L -C , R:BASE will open with the modules in the order of R:BASE Editor, Database Explorer, and R> Prompt, with the R> Prompt window displayed.
- When multiple parameters are specified, each must be separated with a space.

Examples**Example 01:**

Launches R:BASE in the RRBYW20 sample database folder, opening the R:BASE Editor, R> Prompt, and Database Explorer modules while displaying the Database Explorer.

Target: C:\RBTI\RBG11\RBG11.EXE -E -C -L
Start in: C:\RBTI\RBG11\Samples\RRBYW20

Example 02:

Launches R:BASE in the program folder, opening the Database Explorer and R:BASE Editor modules, while displaying R:BASE ReadMe.txt text file.

```
Target: C:\RBTI\RBG11\RBG11.EXE -L "-E C:\RBTI\RBG11\ReadMe.txt"  
Start in: C:\RBTI\RBG11
```

Example 03:

Launches R:BASE in the program folder, opening the Database Explorer and R> Prompt modules, while initially displaying R:BASE License.rtf in the BLOB Editor.

```
Target: C:\RBTI\RBG11\RBG11.EXE -L -C "-BLOB C:\RBTI\RBG11\License.rtf"  
Start in: C:\RBTI\RBG11
```

Example 04:

Launches locally installed R:BASE in a shared network folder, and launches the CRM.DAT startup file.

```
Target: C:\RBTI\RBG11\RBG11.EXE CRM.DAT  
Start in: R:\RBFILES\CRM
```

Example 05:

Launches a network installation of R:BASE in a shared network folder with the -A parameter, and launches the SPECS.DAT startup file.

```
Target: R:\RBTI\RBG11\RBG11.exe -A SPECS.DAT  
Start in: R:\RBFILES\SPECS
```

Example 06:

Launches a network installation of R:BASE in a shared network folder with the -A parameter, uses a custom configuration file for the user, and launches the EST.DAT startup file.

```
Target: R:\RBG11\RBG11.exe -A "-O R:\RBG11\CFG\JOE\RBENGINE11.CFG" EST.DAT  
Start in: R:\RBFILES\EST
```

Example 07:

Launches R:BASE in a development folder on the D:\ drive, with a custom configuration file, and uses a random ID to identify several R:BASE instances within the Windows Task Manager.

```
Target: C:\RBTI\RBG11\RBG11.EXE "-O C:\Users\Glen\Documents\RBENGINE11.CFG" "-T RandomID"  
Start in: D:\RBASEDEV
```

Example 08:

Launches R:BASE 11 in a database folder on the R:\ drive, and uses text to identify the R:BASE instance within the Windows Task Manager, as per the command file routine. The text "Logistics" will appear next to "R:BASE 11" under the "Applications" tab.

```
Target: C:\RBTI\RBG11\RBG11.EXE Logistics.rmd "-TLogistics"  
Start in: R:\DBFILES
```

Part



7 Database Conversion

If you are upgrading to R:BASE 11 from R:BASE X.5 Enterprise (10.5) or R:BASE X Enterprise (10.0), you are only required to connect to the database in order to complete the conversion. However, a minor version number is stored within file 1 of the database files which will be altered if any new features of version 11 (such as static variables or database comments) are implemented. Once these new features are implemented within the database, version X.5/X Enterprise can no longer connect to the database. Any new databases created in R:BASE 11 will start with the elevated minor version, and R:BASE X.5/X Enterprise cannot connect to the database.

If you are upgrading to R:BASE 11 from R:BASE X.5 (non-Enterprise), or a lower version, there is a conversion process. When preparing to convert a database and application to use those files in the current version, it is important that you follow the proper steps to convert the files.

Please review the Database Conversion Guide PDF document located in the R:BASE 11 program directory (default C:\RBTI\RBG11) to ensure database and application are converted successfully.

Part



8 Product Updates

Be sure you have applied the latest updates for R:BASE after the installation. Product updates are available at <https://www.rbaseupdates.com>. Product updates are available to all current users who have purchased the product within one year or have subscribed to an R:BASE Software Assurance Plan (R:SAP)

R:BASE product updates are cumulative. You are only required to apply the latest update in order to update the program. All interim/previous updates do not need to be applied. After downloading and launching an update, the "Client" and "Server" update options are available:

Client Installation

Before installing R:BASE updates on client workstations, you must close the R:BASE program!

When applying updates for client installations you will use the "Typical Update" button. This will place R:BASE program DLLs into the system directory and R:BASE program executable and associated updates into the R:BASE program directory (default: C:\RBTI\RBG11). If you have altered the default installation path, you must use the "Browse" button to change the update destination for the R:BASE program files.

Server Installation

Before installing R:BASE updates on a server installation, you must make sure all client workstations close the R:BASE program!

When applying updates on the server, you will use the "Server Update" button. This will place R:BASE program DLLs, program executable, and associated updates into a single directory. You must use the "Browse" button to change the update destination for all of the R:BASE files.

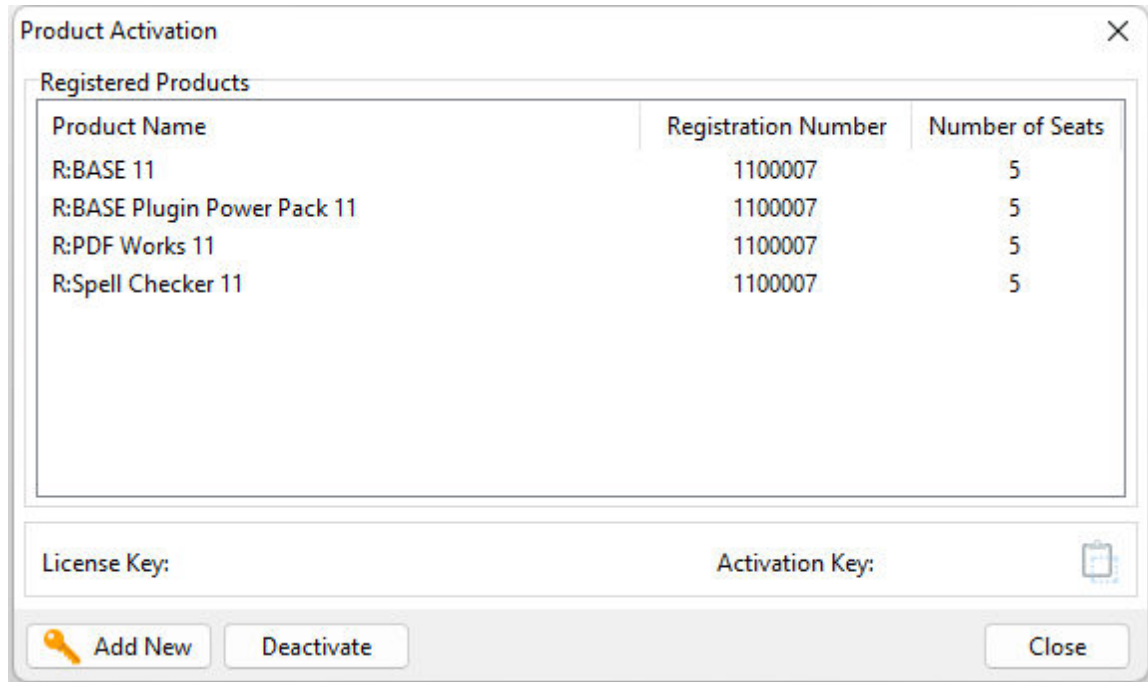
Part

IX

9 Uninstall/Reinstall

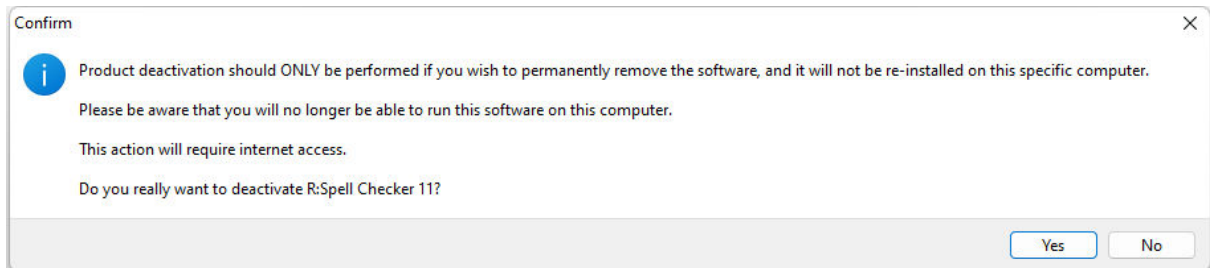
If a computer is no longer using R:BASE, through license transfer or hardware failure, the Activation Key that was used on that computer must be submitted to R:BASE Technologies so we can then remove the Activation Key from our log. We will disable the Key, which will then free up that used activation. Once a key is reported to us as no longer in use and deactivated, it can no longer be used on that computer.

Product deactivation can be performed automatically from within R:BASE. To review your product information select "Help" > "Product Activation" from the menu bar. Here, the License Key and Activation Key for a selected product is available for review.



If the License Key for your product is not readily available for the license transfer, select the "Copy License Key" button to send your License Key to the clipboard.

To deactivate a listed product, select it and press the "Deactivate" button. The below confirmation dialog will appear. After selecting "Yes", the product will be removed from the list.



R:BASE can now be uninstalled by selecting the program within the "Programs and Features" option within the Windows Control Panel.

When R:BASE is installed, a basic uninstall package and specific log is loaded. The R:BASE product uninstaller can only remove files that the installer places on the computer, and will not remove any files

that it did not actually install. If any temporary scratch files or generated files left in the program folder or sub-folders, then the uninstaller will leave them behind as well as the folder in which they reside.

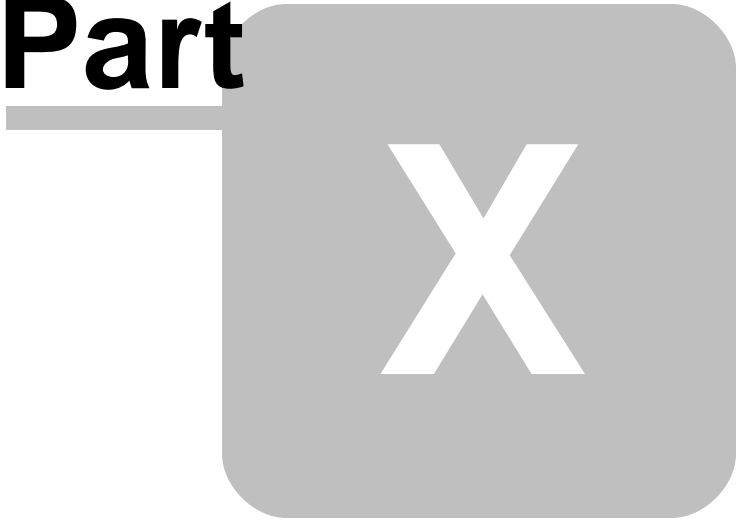
Reinstall

When you initially installed and launched R:BASE 11 for Windows, you should have entered the 32-character License Key that was provided to you with your purchase. Following the License Key entry, the product is then activated with your Activation Key.

If R:BASE is being reinstalled on the same computer and operating system, you will not be required to reenter the License Key and Activation Key as the Keys are already in place for the computer. R:BASE can be uninstalled by selecting the program within the "Programs and Features" option inside the Windows Control Panel.

To reinstall R:BASE, you will again launch the download executable that was provided with your purchase. If you have applied any product updates since your original installation, those updates will need to be reapplied. As all R:BASE product updates are cumulative, you will only be required to install that latest update available.

Part



10 Useful Resources

- . R:BASE Home Page: <https://www.rbase.com>
- . Up-to-Date R:BASE Updates: <https://www.rbaseupdates.com>
- . Current Product Details and Documentation: <https://www.rbase.com/rbg11>
- . Support Home Page: <https://www.rbase.com/support>
- . Product Registration: <https://www.rbase.com/register>
- . Official R:BASE Facebook Page: <https://www.facebook.com/rbase>
- . Sample Applications: <https://www.razzak.com/sampleapplications>
- . Technical Documents (From the Edge): <https://www.razzak.com/fte>
- . Education and Training: <https://www.rbase.com/training>
- . Product News: <https://www.rbase.com/news>
- . Upcoming Events: <https://www.rbase.com/events>
- . R:BASE Online Help Manual: <https://www.rbase.com/support/rsyntax>
- . Form Properties Documentation: <https://www.rbase.com/support/FormProperties.pdf>
- . R:BASE Beginners Tutorial: <https://www.rbase.com/support/rtutorial>
- . R:BASE Solutions (Vertical Market Applications): <https://www.rbase.com/products/rbasesolutions>

Index

- A -

-A 32
 access rights 13
 activate 12
 Activation Key 27, 40
 administrator 12

- B -

-BLOB <filename> 32
 BLOB Editor 32

- C -

-C 32
 CHM 13
 Client 16
 Client Installation 13, 38
 Compact 16
 Compiled Help 13
 Components 16
 connect 36
 conversion 36
 convert 36
 Custom 16

- D -

deactivation 40
 desktop 32
 desktop shortcut 32
 destination folder 19

- E -

-E 32
 -E <filename> 32
 environment 25
 Environment Considerations 13
 executable options 32
 executable parameters 32

- F -

files 21
 forms 36
 Full 16

- I -

Icon Settings 32
 install 21
 Installation 16

- K -

key, activation 12
 key, license 12

- L -

-L 32
 labels 36
 launching applications 32
 license 6, 12, 15
 License Key 27, 40
 license transfer 40
 location 21

- M -

mapped drive 13, 32
 move 25

- O -

-O 32

- P -

parameters 32
 permission 12
 Permissions 13
 prepare 36
 product updates 38
 properties 32

- R -

Readme 16
registration number 12
Reinstall 40
reports 36

- S -

Server 16
Server Installation 13, 38
Server Update 38
settings 25
setup 14
shared directory 13
shortcut 32
shortcut properties 13, 32
Start in 32
startup 30, 32
Startup File 32
startup options 30
Startup Parameters 32
support 12
system requirements 12

- T -

Target 32
transfer 25
Typical Update 38

- U -

UNC 13
UNC path 32
Uninstall 40
update client 38
update server 38
updates 38
upgrade 36

Notes