

R:BASE X

Getting Started Guide





R:BASE X

Getting Started Guide

by R:BASE Technologies, Inc.

Welcome to R:BASE X!

R:BASE X is the sleek new relational database environment intended to offer next-generation development and connectivity to database administrators. Many added R:BASE X features bring forth powerful means to further streamline data management. R:BASE X also takes a big and very fundamental step of extended character support, geared towards even more versatile world-wide use.

The clean and sophisticated styling of R:BASE X, paired with the built-in database engine that has paved the foundation of stability and reliable convenience, provides a brand-new value on R:BASE's database and application adaptive content development.

R:BASE X for Windows Getting Started Guide

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First Edition

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Part



1 First Things First

1.1 License Agreement

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The R:BASE product requires activation using a unique code (except when operating in evaluation mode). 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.

Each activation code is tied to one Windows operating system computer. A dual-boot computer with multiple operating systems cannot activate a Single Seat License on more than one operating system. Any software utilities which alter how the Program is installed on a local drive are not supported. This includes any utilities which alter, remove or transfer the location of the Program on the hard drive, or any hard drive utilities which alter the physical properties of the local drive.

An R:BASE activation can be completed automatically through an Internet connection, manually through a provided email option, or by calling our office between 10:00am and 6:00pm Eastern Time at 1+724-733-0053. You will need to provide your R:BASE Registration Number and Computer ID. License validation allows a number of activations based upon the number of licenses purchased.

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.

An R:BASE Seat may be moved from an old computer to a new one that replaces it, as long as R:BASE is not reused again on the old computer. Moving an R:BASE Seat to another computer requires license re-activation, which cannot be performed more than once within thirty (30) days. Conditions for transferring an R:BASE Seat to another computer and/or reactivation are applicable within 1 YEAR of your software purchase, or depend your active Software Assurance Plan status.

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

SOFTWARE SUPPORT

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, that for a period of thirty (30) days from your receipt of the Program and Documentation, 1) the Program will perform substantially in accordance with the

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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.
- Once converted, Licensee is responsible for updating command syntax in application, altering forms and report to accommodate the 4-digit year function, and other changes as necessary.

R:BASE TECHNOLOGIES, INC. RESPONSIBILITIES

- 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 call us at 1-724-733-0053 or visit the SUPPORT area of our website at <http://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.

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1.2 Technical Support

Please read over this inline HELP documentation at least once before seeking support for this product. We have worked very hard to make this help file clear and useful, but concise. There's a lot of power here so we suggest you reread these instructions once you have become accustomed to using R:BASE. New uses will become apparent.

If you have further question(s) about R:BASE, and can't find the answer(s) in this help documentation, you can obtain information from a variety of sources:

- E-mail our Technical Support Department at: support@rbase.com
- Access the R:BASE Technologies Support Home Page on the World Wide Web at <http://www.rbase.com/support>.
- Call our Technical Support Department at (724) 733-0053 Monday through Friday, 10:00 AM to 6:00 PM (EST). You should be at your computer with R:BASE running and ready to make changes suggested by our technical staff. 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](#)

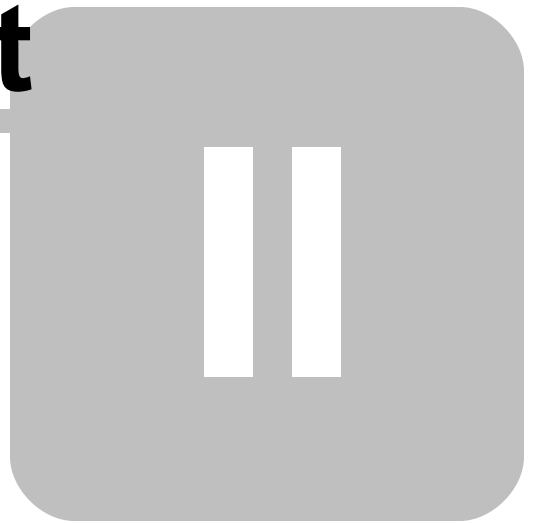
Please be prepared to refer to the following:

- The technical support registration number, which is located on the registration card included with this product. If you purchased this product directly from R:BASE Technologies, your technical support registration number can be found on your invoice or packing sheet.
- The type of hardware and operating system you are using.
- 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 of the information that you provide us is used to better and more expeditiously 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 releases of R:BASE and other R:BASE Technologies products. Please remember to register your R:BASE software as well as any other R:BASE related software. <http://www.rbase.com/register/>

Part



2 Installing R:BASE X

2.1 System Requirements

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

Hardware

- CPU with Intel Pentium 4, Pentium M, Core or Atom, AMD Athlon 64 or later
- 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

Operating System

- Microsoft Windows 10 (Professional)
- Microsoft Windows 8/8.1 (Professional)
- Microsoft Windows 7
- Microsoft Windows Vista (SP2)
- Microsoft Windows Server 2016
- Microsoft Windows Server 2012, 2012 R2
- Microsoft Windows Server 2008
- Microsoft Windows Server 2003

Network

- All Windows-compatible networks

2.2 Installation Media

The R:BASE X for Windows installation media can be provided in two forms; CD-ROM or download.

The online download only includes the R:BASE Setup executable. The full installation CD includes the following:

- 100ReasonstoUpgradeToRBASEX.pdf
- All_About_the_CHOOSSE_Command.pdf
- All_About_the_DIALOG_Command.pdf
- All_About_the_PAUSE_Command.pdf
- All_About_the_PRINT_Command.pdf
- Autorun.inf
- CommandIndex.pdf
- DatabaseMaintenance.pdf
- FormProperties.pdf
- FormProperties_TOC.pdf
- FormsManual.pdf
- FunctionIndex.pdf
- GainingSpeedWithProgramming.pdf
- HowToManual.pdf
- License.rtf
- ProblemSolvingInRBASE.pdf
- ProgrammingInRBASE.pdf
- RBASE_X_forWindows_DatabaseConversionGuide.pdf
- RBASE_X_forWindows_GettingStartedGuide.pdf
- RBASE_X_forWindows_QuickInstallationGuide.pdf
- RBGX.ico
- ReadMe.txt
- ReferenceIndex.pdf
- **Setup.exe**

- Tutorial.pdf
- WhatsNewInRBASEXforWindows.pdf

2.3 Things You Will Need

- License Key

Before launching the installer, it is recommended that you have your R:BASE 32-character License Key readily available. The License Key is located on a label with the installation CD on the back of the jewel case. If you acquired the installer by download, the License Key would have been provided in the email message. If you have lost or misplaced your License Key, please contact our Support Staff by email at support@rbase.com or call our office between 10:00am and 6:00pm EST at 1+724-733-0053.

- Internet Access

Whether you have chosen the local client installation or the server installation, the actual computer where R:BASE will be launched should have access to the Internet when you first start the R:BASE. The Internet access is used to visit the R:BASE Technologies to provide you with your required Activation Key.

In instances where R:BASE will be installed on a computer that is not connected to the Internet, you must then contact R:BASE Technologies by phone or email to provide information displayed on the computer screen. In this case, please contact our Product Activation Staff by email at activationkey@rbase.com or call our office between 10:00am and 6:00pm EST at 1+724-733-0053. When you call, you will need to have your R:BASE Registration Number available. The Registration Number is provided on your invoice/packing slip, or within the email for those who have downloaded the product.

2.4 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 insert the R:BASE CD-ROM into each workstation's CD-ROM drive and run the installer. Or, if the installer was made available through a download, you would run the "Setup.exe" 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.

2.5 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 insert the R:BASE CD-ROM into the server's CD-ROM drive and run the installer. Or, if the installer was made available through a download, you would run the "Setup.exe" while physically sitting at the server. 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 while 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 RBGX.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.

2.6 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.

Begin by inserting the installation CD into your CD-ROM drive. Normally, the setup process begins

automatically. However, if it does not, go to Start > Run and type "D:\Setup.exe" where D: is the drive letter of your CD-ROM or DVD drive that contains the installation CD. Also, do not include the quote characters (").

If an installer file was provided by download, run the supplied file to begin the installation process.

After your machine restarts, the installation should resume automatically. If it does not, go to Start> Run and type "D:\Setup.exe" where D: is the drive letter of your CD-ROM drive that contains the installation CD. Do not include the quote characters (").

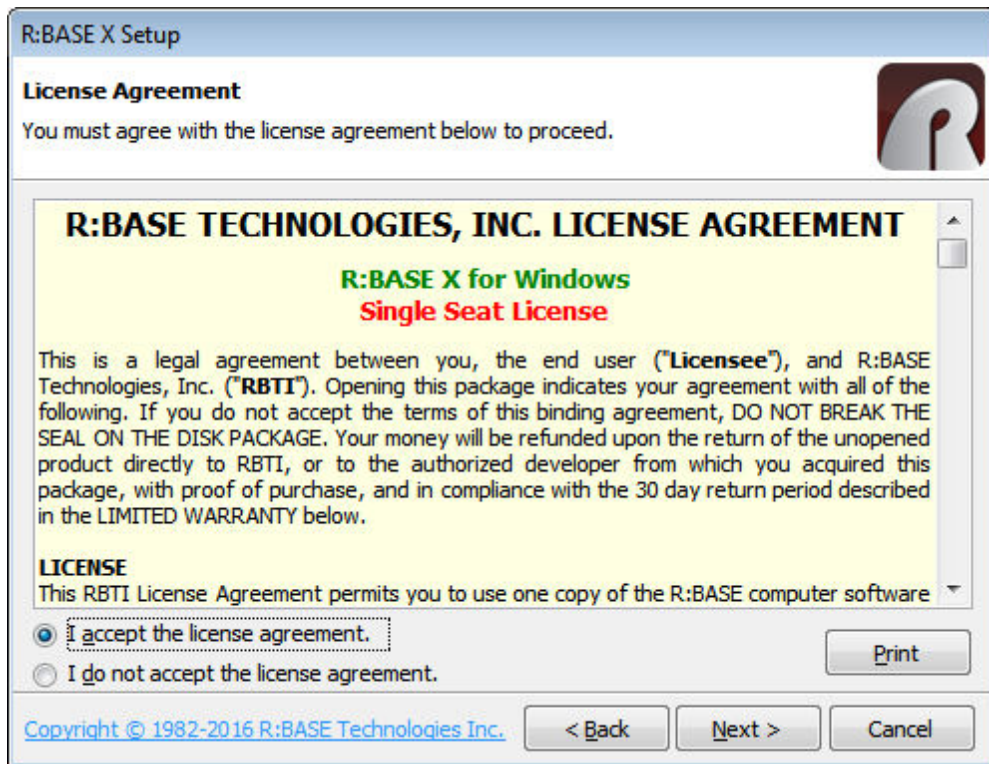
2.6.1 Welcome

The R:BASE X 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.



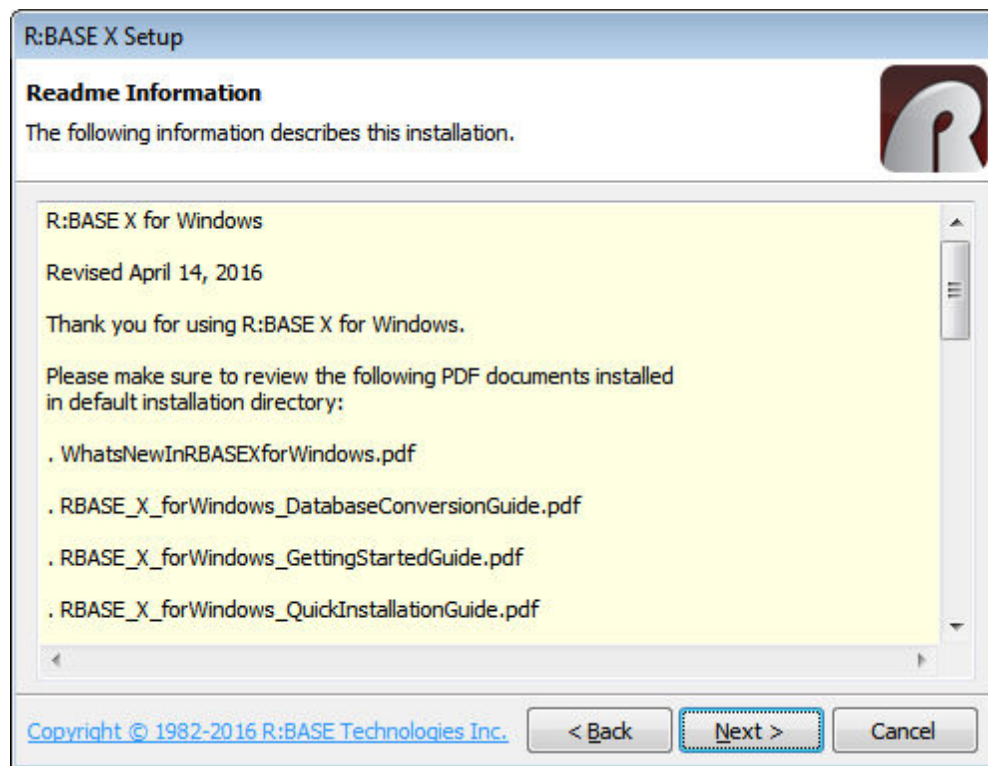
Click "Next" to this screen, you will be advance to the License screen.

2.6.2 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.

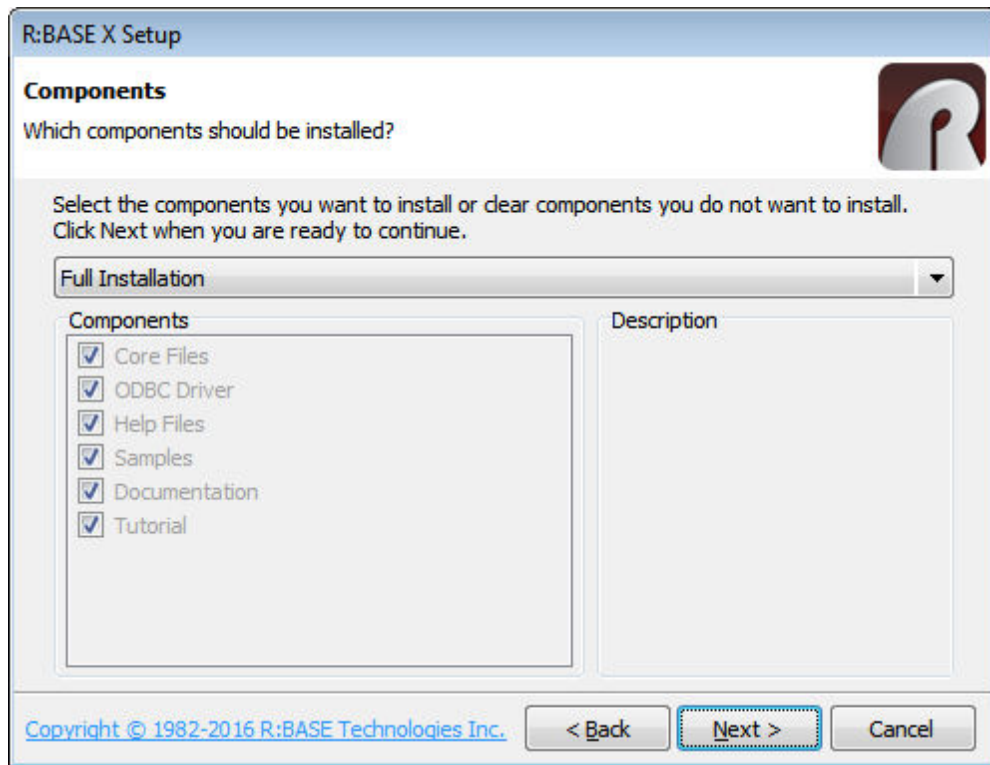
2.6.3 Readme Information



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

2.6.4 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

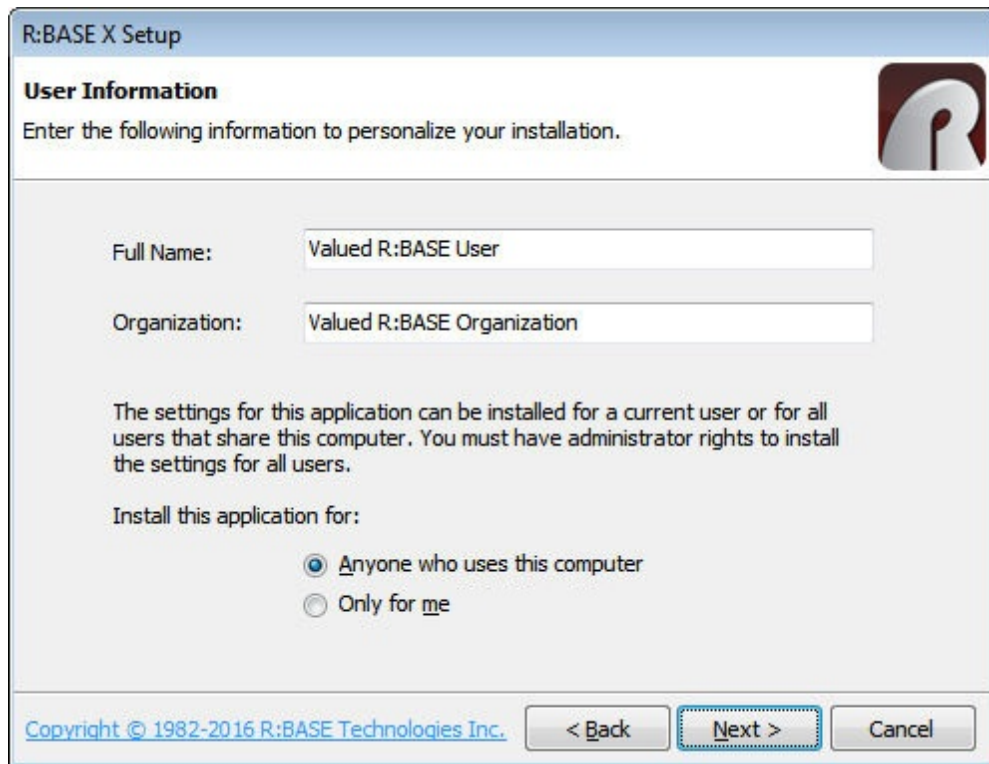
The Full, Compact, and Custom installation options are for users that want R:BASE installed upon the client workstation. For the "Custom" installation option, a [different set of files can be installed](#) for each "Components" option selected. These methods will load the R:BASE executable into the program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

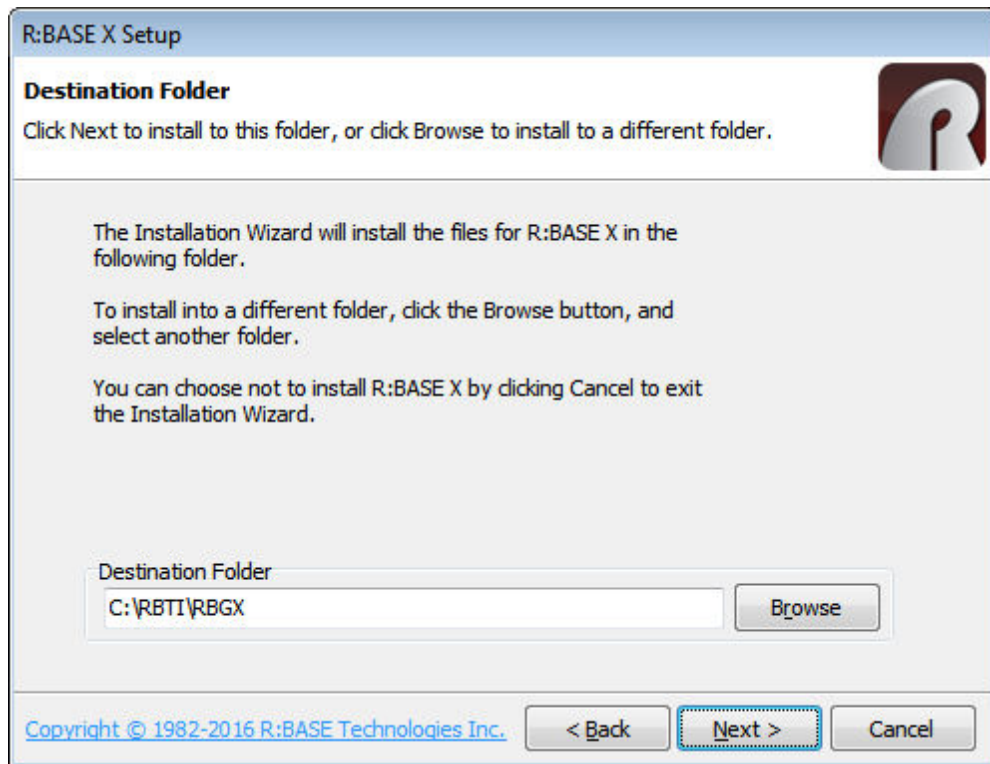
2.6.5 User Information



The screenshot shows a window titled "R:BASE X Setup" with a "User Information" section. The window contains two text input fields: "Full Name:" with the value "Valued R:BASE User" and "Organization:" with the value "Valued R:BASE Organization". Below these fields is a paragraph of text: "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." Underneath is the label "Install this application for:" followed by two radio buttons. The first radio button is selected and labeled "Anyone who uses this computer". The second radio button is unselected and labeled "Only for me". At the bottom of the window, there is a copyright notice "Copyright © 1982-2016 R:BASE Technologies Inc.", and three buttons: "< Back", "Next >" (which is highlighted with a dashed border), and "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.

2.6.6 Destination Folder



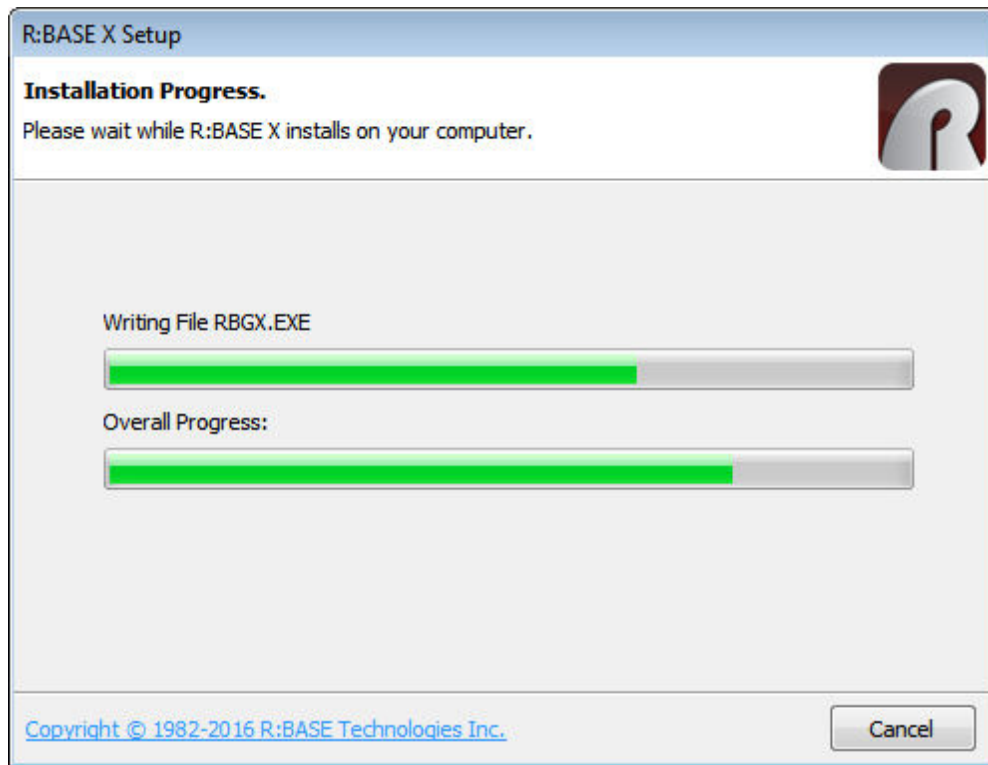
The Destination Folder screen allows you to tell the installer where you would like the program to be installed.

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.

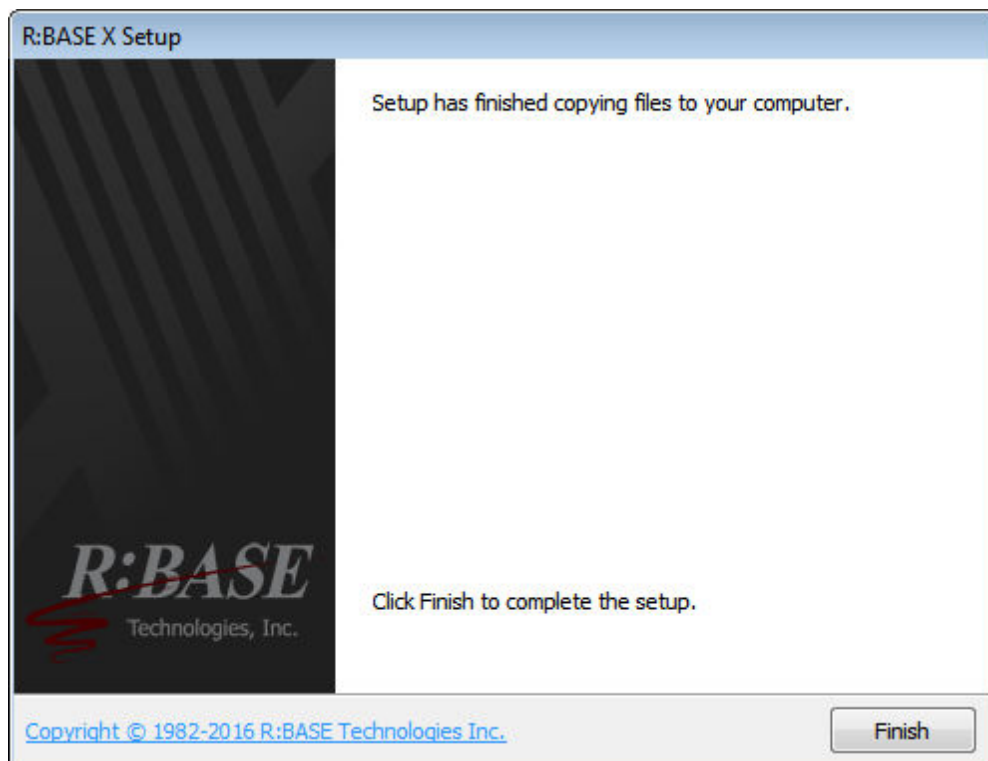
2.6.7 Installation Progress

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!

2.6.8 Process Completed



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

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

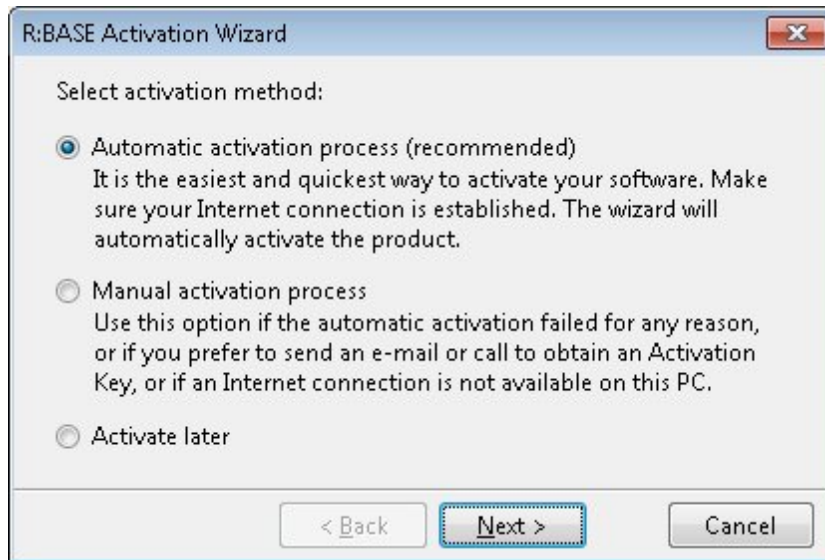
2.7 Starting R:BASE for the First Time

When starting R:BASE X 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 and is located on a label above the installation CD on the inside of the protective product case.



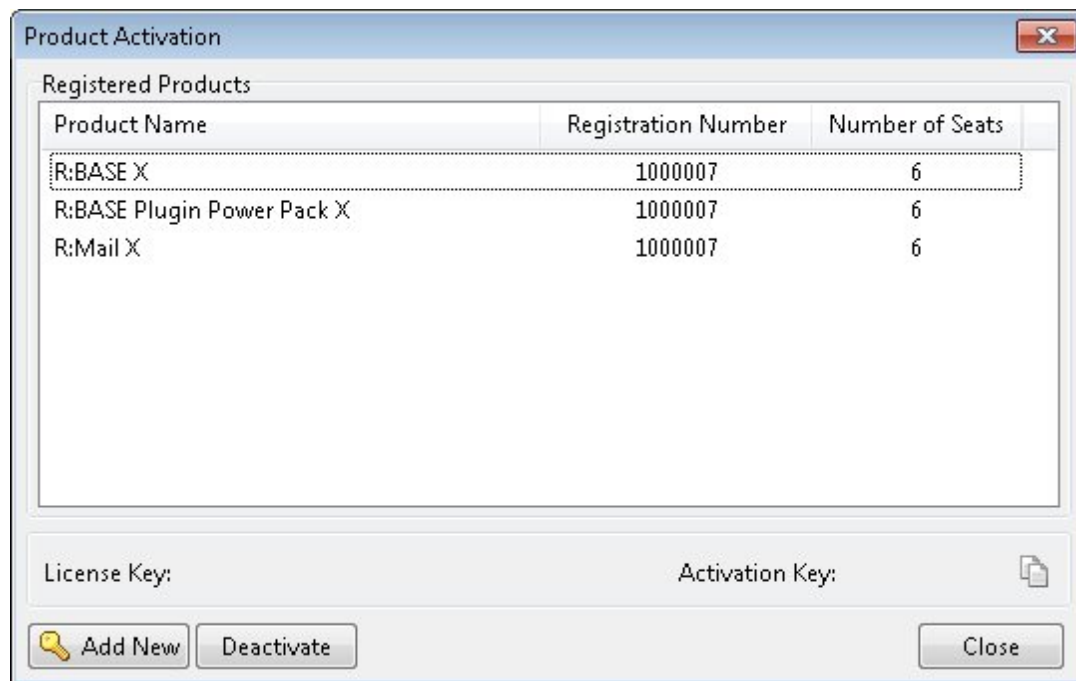
After entering the License Key, you will see a dialog to prompt for your activation method. The software can be activated automatically over the Internet, or manually by retrieving an Activation Key from R:BASE Technologies by email or over the phone. If you select "Later", you will be reminded each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



When activating the software manually, you select the e-mail link to launch your email client and send a preformatted message to R:BASE Technologies that will contain your License Key and the displayed Computer ID. Or, you can call our office between 10:00am and 6:00pm EST at +1 (724) 733-0053. 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 X, and from the Menu Bar clicking on "Help" > "Product Activation". 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](#)

2.8 Files Installed

The R:BASE X installer will place the following files into the following folders, by default:

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\RBGX**

- 100ReasonstoUpgradeToRBASEX.pdf
- All_About_the_CHOUSE_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**
- ProblemSolvingInRBASE.pdf
- ProgrammingInRBASE.pdf
- QBE.chm
- RBASE_X_forWindows_GettingStartedGuide.pdf
- RBASE_X_forWindows_DatabaseConversionGuide.pdf
- RBASE_X_forWindows_QuickInstallationGuide.pdf
- RBDefine.chm
- RBEdit.chm
- **RBErrorMessageHelp.dll**
- RBG.chm
- **RBGX.EXE**
- **RBGX_Default_Settings.exe**
- **RBThemesX.DLL**
- **ReadMe.TXT**
- ReferenceIndex.pdf
- Reports.chm
- RPrompt.chm
- STProcedure.chm
- **TabPrint.dll**
- Trace.chm
- Tutorial.chm

- Tutorial.pdf
- UnderstandingDLCALL.pdf
- WhatsNewInRBASEXWindows.pdf
- **Samples**
 - **BMPS**
 - **ConComp**
 - **ICONS**
 - **RRBYW18**
 - **RRBYW19**
- **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**
 - **MyProg.rmd**
 - **SAMPLE.RBA**
 - **SAMPLE.RB1**
 - **SAMPLE.RB2**
 - **SAMPLE.RB3**
 - **SAMPLE.RB4**
 - **SKYDATA.BAK**
 - **SKYWRITE.JPG**

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)

- **RBENGINEX.CFG**

- **RStyleX.CFG**

System Directory

- **RBGX.dll**
- **RBGX_ins.dll**
- **RBENGINEX.dll**
- **RSTYLEX.dll**

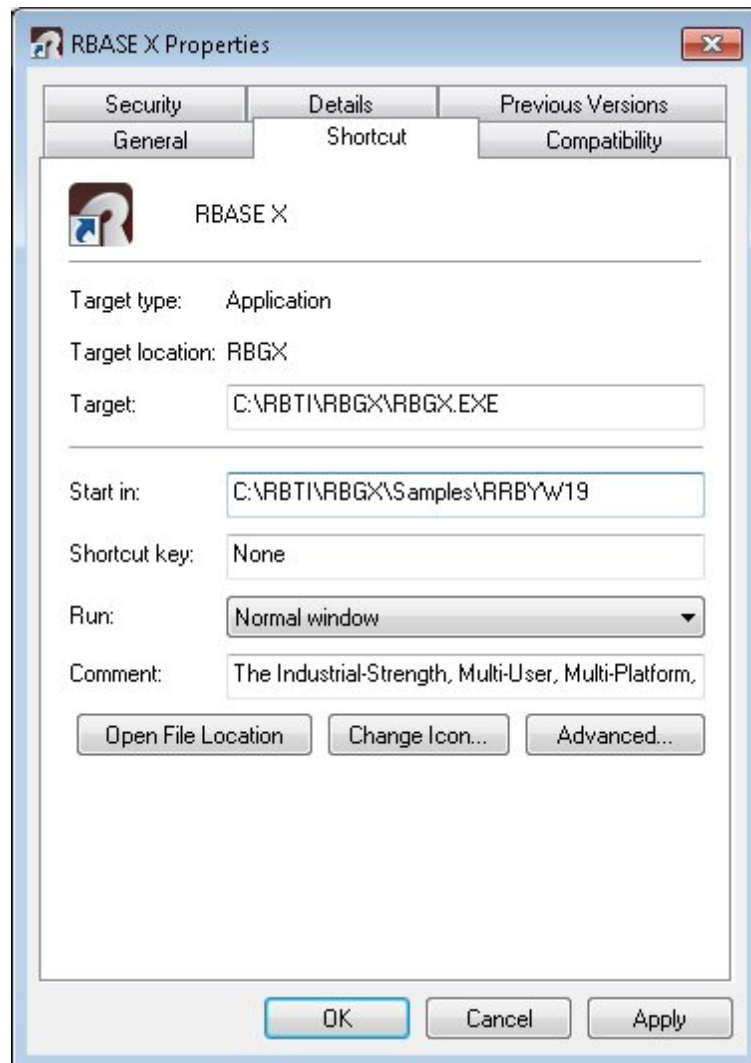
2.9 Desktop Shortcut Properties

R:BASE for Windows supports several startup parameters that users can embed in the desktop shortcut properties, 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.

**"-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\RBGX\RBGX.EXE "-BLOB C:\RBTI\RBGX\License.rtf"

-C

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 R:BASE Editor when the program is launched. 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\RBGX\RBGX.EXE "-E C:\RBTI\RBGX\ReadMe.txt"

-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. **Example:** C:\RBTI\RBGX

```
\RBGX.EXE "-O C:\Users\Steve\Documents\RBENGINEX.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).

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\RBGX\RBGX.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 X Enterprise in the RRBYW19 sample database folder, opening the R:BASE Editor, R> Prompt, and Database Explorer modules while displaying the Database Explorer.

```
Target: C:\RBTI\RBGX\RBGX.exe -E -C -L
Start in: C:\RBTI\RBGX\Samples\RRBYW19
```

Example 02:

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

```
Target: C:\RBTI\RBGX\RBGX.exe -L "-E C:\RBTI\RBGX\ReadMe.txt"
Start in: C:\RBTI\RBGX
```

Example 03:

Launches R:BASE X Enterprise 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\RBGX\RBGX.exe -L -C "-BLOB C:\RBTI\RBGX\License.rtf"
Start in: C:\RBTI\RBGX
```

Example 04:

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

```
Target: C:\RBTI\RBGX\RBGX.exe CRM.DAT
Start in: R:\RBFIL\CRM
```

Example 05:

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

```
Target: R:\RBTI\RBGX\RBGX.exe -A SPECS.DAT
Start in: R:\RBFIL\SPECS
```

Example 06:

Launches a network installation of R:BASE X 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:\RBGX\RBGX.exe -A "-O R:\RBGX\CFG\JOE\RBENGINEX.CFG" EST.DAT
Start in: R:\RBFILES\EST
```

2.10 Startup Options

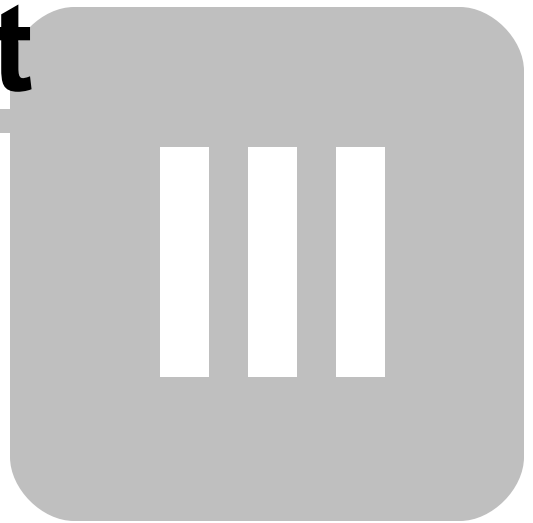
Once R:BASE for Windows launches,, you can customize how you want the program to start each time.

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



3 Database Conversion

If you are upgrading to R:BASE X from R:BASE eXtreme 9.x or R:BASE 7.x, you are only required to connect to the database in order to complete the conversion. Of course, there will be several new features to take advantage of, however, there is no extensive conversion process.

If you are upgrading to R:BASE X from any R:BASE 6.5++ and lower version, it is important that you follow the proper steps to convert your database. Please review the Database Conversion Guide PDF document located in the R:BASE X program directory (default C:\RBTI\RBGX) to ensure you convert your legacy database successfully.

Part



4 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\RBGX). 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

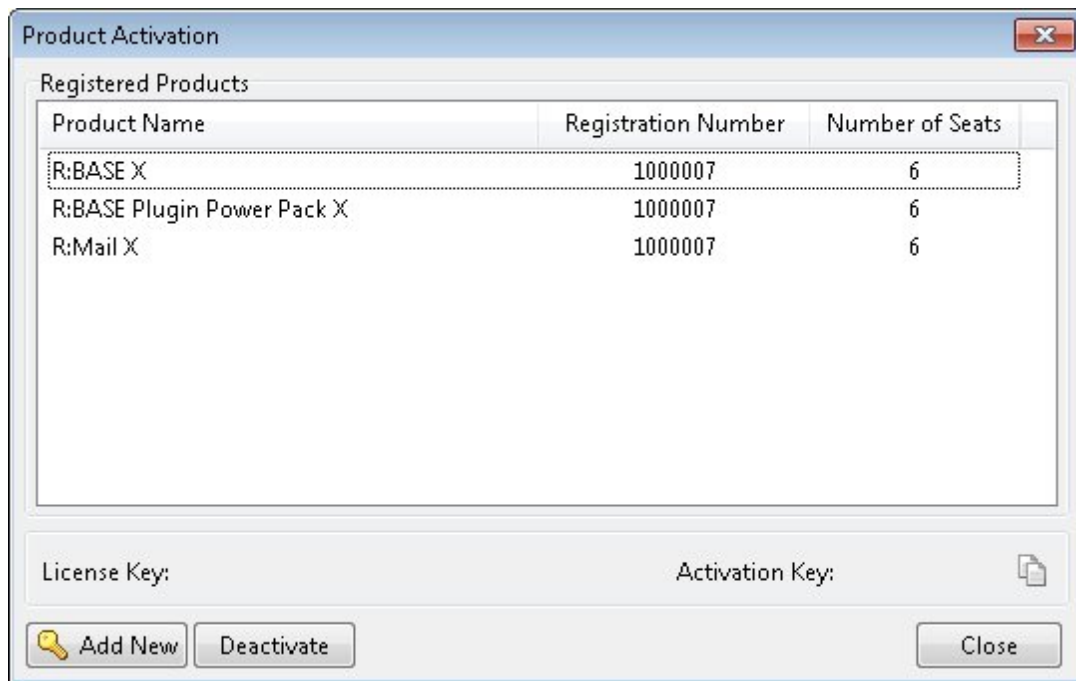


5 Uninstall/Reinstall

Uninstall

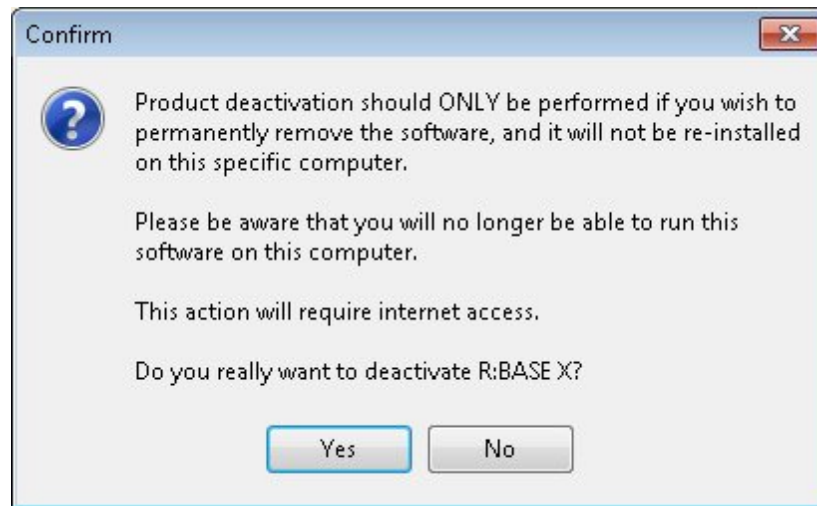
If a computer is no longer using R:BASE, through license transfer or hardware failure, the Activation Key that was used on that computer must be submitted to R:BASE Technologies so we can then remove the Activation Key from our log. We will disable the Key, which will then free up that used activation. 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 "Add or Remove Programs" option inside 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 directory or subdirectories, 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 X 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 "Add or Remove Programs" option inside the Windows Control Panel.

To reinstall R:BASE X, you will again insert your CD-ROM media, or 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



6 Frequently Asked Questions

General

Q. When was the first R:BASE X beta version released?

A. The first beta of R:BASE X for Windows was released on Tuesday, May 5, 2015.

Q. What is the difference between R:BASE X and R:BASE X Enterprise?

A. R:BASE X uses a 32-bit pointer for database files access. This version uses the RB1-RB4 database file extensions, and is the appropriate upgrade option for all R:BASE users whose database size is not reaching the 2GB limit.

R:BASE X Enterprise uses a 64-bit pointer for database files access. This version uses the RX1-RX4 file extensions and is the appropriate upgrade option for all R:BASE users who require access to larger database file sizes. R:BASE eXtreme 9.5 (64) and R:BASE Turbo V-8 users will upgrade to R:BASE X Enterprise. R:BASE X Enterprise is also the appropriate product to connect to SQL Server, Oracle, DB2, and other large database products.

Both R:BASE X and R:BASE X Enterprise will run on x86 and x64 operating systems, as both are x86 (32-bit) executables. R:BASE Technologies has not yet released a x64 executable product.

Conversions

Q. I'm using R:BASE eXtreme 9.5 (64) for Windows. Will there be any conversion required?

A. Yes. When upgrading from R:BASE eXtreme 9.5 (64) to R:BASE X Enterprise, there is a conversion required for the database files. Users must run the MIGRATE command to rebuild the database in the new version. Even though the two products share the same file extensions (RX1-RX4), the internal system tables are different.

Q. I'm using R:BASE eXtreme 9.5 (32) for Windows. Will there be any conversion required?

A. There is NO conversion required when upgrading from R:BASE eXtreme 9.5 (32) to R:BASE X. The transition is instantaneous. If you are upgrading to R:BASE X Enterprise, the database files must be converted to RX1-RX4 files using the CONVERT command.

Q. I'm using R:BASE eXtreme 9.1/9.0 for Windows. Will there be any conversion required?

A. There is NO conversion required when upgrading from R:BASE eXtreme 9.1/9.0 to R:BASE X. The transition is instantaneous. If you are upgrading to R:BASE X Enterprise, the database files must be converted to RX1-RX4 files using the CONVERT command.

Q. I'm using R:BASE 7.x (7.6, 7.5, 7.1, 7.0) for Windows. Will there be any conversion required?

A. There is little or no conversion required when upgrading from R:BASE 7.x to R:BASE X. If you are upgrading to R:BASE X Enterprise, the database files must be converted to RX1-RX4 files using the CONVERT command. Once converted, you can take advantage of additional features and controls, but your original forms, reports and labels should be as intact as possible.

Q. I'm using R:BASE Turbo V-8 for Windows. Will there be any conversion required?

A. Yes. When upgrading from R:BASE Turbo V-8 to R:BASE X Enterprise, there is a conversion required for the database files. Users must run the TURBO command to rebuild the database in the new version. Even though the two products share the same file extensions (RX1-RX4), the internal system tables are different. Once converted, you can take advantage of additional features and controls, but your original forms, reports and labels should be as intact as possible.

Q. I'm using R:BASE 6.5++ for Windows. Will there be any conversion required?

A. Yes. With R:BASE 6.5++, you will have to step through your fully functional 6.5++ for Windows forms, reports and labels using the built-in conversion utilities to complete the process. Once converted, you can take advantage of additional features and controls, but your original forms, reports and labels should be as intact as possible. Additional details are provided within the R:BASE X for Windows Database Conversion Guide.

Q. Should I upgrade to another version of R:BASE first, and then switch to X for Windows?

A. No. R:BASE X contains the conversion utilities to convert legacy Windows and DOS forms, reports and labels to the new Windows version. Our Development Team has spent an enormous amount of time to create a smooth conversion process for upgrading all previous versions to R:BASE X for Windows. The

Database Explorer interface includes a Group Bar panel with a "Convert" option for converting forms, reports and labels. We have made every effort to make this process simple and user friendly. Additional details are provided within the R:BASE X Database Conversion Guide.

Licensing

Q. How is R:BASE X licensed?

A. R:BASE X is licensed just as with R:BASE eXtreme 9.5, and previous versions, as a per Seat License.

Q. How are R:BASE X Seats sold?

A. R:BASE X can be purchased as a Single Seat License with, or without, a 5 Seat Add-On Network License. A Single Seat License must be purchased first, and then the 5 Seat License is added to it. Ultimately, the licensing increments as follows:

- Single Seat License
- 6 Seat License
- 11 Seat License
- 16 Seat License
- 21 Seat License
- Etc.

Q. Can I install a Single Seat License on more than one computer?

A. The current R:BASE Single Seat License Agreement states that you can use R:BASE on a single computer. However, if you are a single user with the requirement to use R:BASE on an additional workstation, a [Satellite License](#) would support this necessity.

Q. Can I use R:BASE in a Remote Desktop environment?

A. Yes. [Remote Client Licensing](#) is available for all R:BASE Technologies products.

Q. How does your activation work?

A. The R:BASE product requires activation using a unique code (except when operating in evaluation mode). Each activation code is tied to one Windows computer. An R:BASE activation can be completed automatically through an Internet connection, manually through a provided email option, or by calling our office between 10:00am and 6:00pm EST at 1+724-733-0053. Using the email or phone options, you will need to provide your R:BASE Registration Number and Computer ID. R:BASE License activations are provided based upon the number of licenses purchased.

Q. Can I reinstall the software when my computer crashes?

A. An R:BASE Seat may be moved from an old computer to a new one that replaces it, as long as R:BASE is not reused again on the old computer. Moving an R:BASE Seat to another computer requires license re-activation. Conditions for transferring an R:BASE Seat to another computer are applicable within 1 YEAR of your software purchase, or depend on your active [Software Assurance Plan](#) status.

Q. Is there a Runtime version of R:BASE X?

A. Yes. The Multi-Application Unlimited Runtime License is also available for R:BASE Application Developers.

Q. Is there an R:BASE X for Windows compiler?

A. Yes. An R:Compiler version of R:BASE X for Windows will be available for developers who would like to compile their project/application as a single-distributable executable version.

Q. Is there an R:BASE X for Windows Corporate Unlimited License available?

A. Yes. R:BASE X for Windows Corporate Licenses are available for customers who require R:BASE to be installed across a wide range of computers with the requirement for unlimited use.

Q. Is R:BASE X for Windows OEM Licensing available?

A. Yes. R:BASE X for Windows OEM Licenses are available.

Upgrading

Q. What type of product upgrades do you provide for users of previous R:BASE versions, and at what cost?

A. Several upgrade tiers are available for existing R:BASE users based on the qualifying version you are upgrading from. Please visit our [Products](#) page for the various upgrade tiers.

Q. After I upgrade to the current release, can I continue using my old version?

A. No. Upon installation, the new license agreement takes the place of the agreement of the qualifying software you upgraded from. After you upgrade, you may no longer use the software from which you upgraded. When you install the upgrade, you must uninstall the copy of the qualifying product.

If you are required to continue using your old R:BASE version and the new version simultaneously, then the upgrading pricing is not available to you, and you must pay the Initial Purchase pricing for the new software. Please visit our Products page for the appropriate pricing.

Product Updates**Q. Should I update my software after the installation?**

A. Yes. It is always a good idea to keep your software up-to-date with the latest builds. Please check the [R:BASE Updates](#) Web site regularly for product updates. You must register your R:BASE software before updates will be made available to you.

Q. How do I register my software?

A. Your R:BASE software can be registered by completing the [online Product Registration](#) at our Web site.

Technical Support**Q. Do I receive any technical support with my purchase?**

A. We provide a limited 30-day complimentary technical support plan with your R:BASE purchase. This complimentary support is limited to installation and elementary conversion related issues ONLY.

Q. Do you offer technical support plans?

A. We offer a variety of technical support plans for your R:BASE development requirements. Please visit the [Technical Support Plan](#) page at our Web site.

Training**Q. Is training available for R:BASE X?**

A. Yes. Please contact the Training Division of R:BASE Technologies at 1+724.733.0053 or via e-mail at: rbasetraining@rbase.com. As always, we will continue to provide In-House and On-Site training.

Q. When and how long will the training be?

A. Please visit <http://www.rbaseuniversity.com> for an up-to-date training schedule.

Part



7 Useful Resources

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

Part



8 Feedback

Suggestions and Enhancement Requests:

From time to time, everyone comes up with an idea for something they'd like their software to do differently.

If you come across an idea that you think might make a nice enhancement, your input is always welcome.

Please submit your suggestion and/or enhancement request to the R:BASE Developers' Corner Crew (R:DCC) and describe what you think might make a nice enhancement. In R:BASE, the R:DCC Client is fully integrated to communicate with the R:BASE development team. From the main Menu Bar, choose "Help" > "R:DCC Client". If you do not have a login profile, select "New User" to create one.

If you have a sample you wish to provide, have the files prepared within a zip archive prior to initiating the request. You will be prompted to upload any attachments during the submission process.

Unless additional information is needed, you will not receive a direct response. You can periodically check the status of your submitted enhancement request.

If you are experiencing any difficulties with the R:DCC Client, please send an e-mail to rdcc@rbase.com.

Reporting Bugs:

If you experience something you think might be a bug, please report it to the R:BASE Developers' Corner Crew. In R:BASE, the R:DCC Client is fully integrated to communicate with the R:BASE development team. From the main Menu Bar, choose "Help" > "R:DCC Client". If you do not have a login profile, select "New User" to create one.

You will need to describe:

- What you did, what happened, and what you expected to happen
- The product version and build
- Any error messages displayed
- What computer operating system is in use
- Anything else you think might be relevant

If you have a sample you wish to provide, have the files prepared within a zip archive prior to initiating the bug report. You will be prompted to upload any attachments during the submission process.

Unless additional information is needed, you will not receive a direct response. You can periodically check the status of your submitted bug.

If you are experiencing any difficulties with the R:DCC Client, please send an e-mail to rdcc@rbase.com.

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