

R:Compiler for R:BASE 11



Help Manual

**The innovative solution for distributing your
R:BASE 11 applications!**



R:Compiler for R:BASE 11

Help Manual

by R:BASE Technologies, Inc.

Welcome to R:Compiler for R:BASE 11!

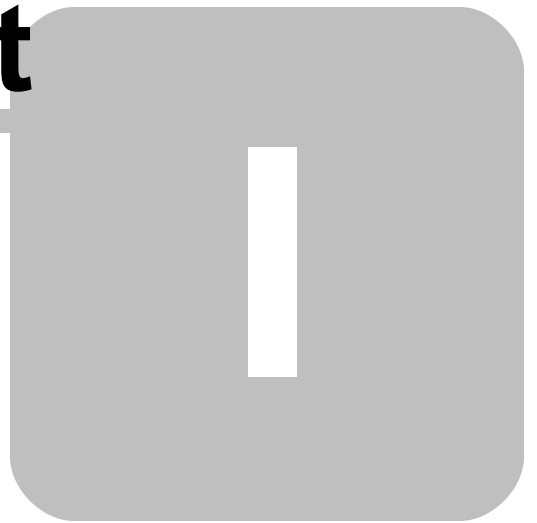
R:Compiler for R:BASE is a program that converts R:BASE applications into stand-alone executable files. The executable file is created from a startup file, which can be an application file (.rba), an external form file (.rff), or a command file. The R:Compiler for R:BASE functionality eliminates the need for the R:BASE program on client workstations, and allows for easier custom application distribution.

Table of Contents

Part I Introduction	5
1 Introduction to R:Compiler for R:BASE	6
2 Copyrights	7
3 License Agreement	7
4 Complimentary Support	12
Part II Installation	13
1 System Requirements	14
2 Things You Will Need	14
3 Software Installation	15
4 Activation	15
5 Uninstall	17
Part III Using R:Compiler	19
1 User Interface	20
Tool Bar	20
Settings	21
General Properties	21
Executable Icon	23
Version Information	23
Additional Resources	25
External Form Files	25
R:BASE Forms.....	26
R:BASE Reports.....	27
R:BASE Labels.....	28
Themes	29
Runtime Licenses.....	30
Plugins	31
Misc. Files	32
Embed R:BASE Engine into Executable.....	32
Tips	33
2 Compiling Executables	33
First Compile Project	33
Saving Projects	34
Recompiling	34
Batch Compile	35
Part IV Developing the Program	36
1 R:BASE Modules Unsupported in Compiled Programs	37
2 Building the Database and Application Files	37
3 Creating the Startup File	38
4 Customizing the Configuration File	40

5 Online Help/Documentation	40
6 Setting up the Custom Program	41
Part V Customizing the End User's Computer	43
Part VI Technical Support	45
Part VII Useful Resources	47
Part VIII Feedback	49
Index	51

Part



1 Introduction

1.1 Introduction to R:Compiler for R:BASE

R:Compiler for R:BASE is a program that converts R:BASE applications into stand-alone executable files. The executable file is created from a startup file, which can be an application file (.rba), an external form file (.rff), or a command file. The R:Compiler for R:BASE functionality eliminates the need for the R:BASE program on client workstations, and allows for easier custom application distribution.

Options for the distributed application include support to change the icon of the executable file and to include version information specific to a compiled executable. Developers can also create an evaluation version of an application, which will expire after a defined date.

Database resources can be added to compiled executable projects. Database resources can include R:BASE forms, reports, labels, and external form files. By storing these objects in the compiled executable, and storing the executable locally on a workstation, the network speed for the application will improve due to the decreased amount of data required to be transferred when a form, report, or label is opened. Adding an external form to the compiled executable resources will further decrease the amount of files need for distributing the custom application.

File resources can be added to compiled executable projects as well. File resources can include R:BASE Plugins included with Runtime License purchases, the R:BASE Engine DLL file, R:BASE command files that can be used with the RUN command, themes, R:Charts chart files, R:BASE Gateway Import/Export specification files, and R:Mail Editor Template files. Themes that can be added to the compiled executables include any theme within the R:BASE Theme Library (RBThemes11.dll) and any individual theme files with one of the following file extensions:

- msstyles
- theme
- uskn
- kskn
- xskn
- mskn

As external resource files change over time, an option to update the resource is available for external form files, plugins, command files, chart files, specification files, and template files.

Several settings for compiled executables can be enabled and disabled including:

- embedding the R:BASE engine DLL within the executable
- allowing only one instance of the compiled executable to be launched
- compress executables, with varying levels
- partial compression for code, leaving resources uncompressed
- theme support, to optionally make native executables

A customized load window can to be displayed while application is launching. Options include a multi-line message with background color and font settings and custom image and animation support. A preview is available to experiment with different load windows.

R:Compiler for R:BASE also has the ability to specify an external text editor for command files, and R:BASE as the editor for external form files and application files. This allows developers to launch the external editor from R:Compiler to make modifications on-the-fly!

When including custom fonts within applications, R:Compiler can include font files (.tff) as part of the Misc. Files resources. When the compiled application is executed, it will install the font files if not already installed.

R:Compiler allows developers to save application projects (.rcp). The project files can be used to make changes to existing projects, save files as other projects, and easily recompile applications. A batch compile can also be performed to rebuild all projects at once.

1.2 Copyrights

Information in this document, including URL and other Internet web site references, is subject to change without notice. The example companies, individuals, products, organizations and events depicted herein are completely fictitious. Any similarity to a company, individual, product, organization or event is completely unintentional. R:BASE Technologies, Inc. shall not be liable for errors contained herein or for incidental consequential damages in connection with the furnishing, performance, or use of this material. This document contains proprietary information, which is protected by copyright. Complying with all applicable copyright laws is the responsibility of the user. Without limiting the rights under copyright, no part of this document may be reproduced, stored in or introduced into a retrieval system, or transmitted in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), or for any purpose, without the express written consent of R:BASE Technologies, Inc. We reserve the right to make changes from time to time in the contents hereof without obligation to notify any person of such revision or changes. We also reserve the right to change the specification without notice and may therefore not coincide with the contents of this document. The manufacturer assumes no responsibilities with regard to the performance or use of third party products.

Products that are referred to in this document may be either trademarks and/or registered trademarks of the respective owners. The publisher and the author make no claim to these trademarks.

The software described in this document is furnished under a license agreement. The software may be used or copied only in accordance with the terms of that agreement. Any unauthorized use or duplication of the software is forbidden.

R:BASE Technologies, Inc. may have patents, patent applications, trademarks, copyrights, or other intellectual property rights covering subject matter in this document. Except as expressly provided in any written license agreement from R:BASE Technologies, Inc., the furnishing of this document does not give you any license to these patents, trademarks, copyrights, or other intellectual property.

Trademarks

R:BASE®, Oterro®, RBAAdmin®, R:Scope®, R:Mail®, R:Charts®, R:Spell Checker®, R:Docs®, R:BASE Editor®, R:BASE Plugin Power Pack®, R:Style®, RBZip®, R:Mail Editor®, R:BASE Dependency Viewer®, R:Archive®, R:Chat®, R:PDF Form Filler®, R:FTPClient®, R:SFTPClient®, R:PDFWorks®, R:Magellan®, R:WEB Reports®, R:WEB Gateway®, R:PDFMerge®, R:PDFSearch®, R:Documenter®, RBInstaller®, RBUpdater®, R:AmazonS3®, R:GAP®, R:Mail Viewer®, R:Capture®, R:Synchronizer®, R:Biometric®, R:CAD Viewer®, R:DXF®, R:Twain2PDF®, R:Scheduler®, R:Scribbler®, R:SmartSig®, R:OutLink®, R:HASH®, R:JobTrack®, R:TimeTrack®, R:Manufacturing®, R:GeoCoder®, R:Code®, R:Fax®, R:QBDataDirect®, R:QBSynchronizer®, R:QBDBExtractor®, and Pocket R:BASE® are trademarks or registered trademarks of R:BASE Technologies, Inc. All Rights Reserved. All other brand, product names, company names and logos are trademarks or registered trademarks of their respective companies.

Windows, Windows 11-10, Windows Server 2022-2012, Bing Maps, Word, Excel, Access, SQL Server, and Outlook are registered trademarks of Microsoft Corporation. OpenOffice is a registered trademark of the Apache Software Foundation.

Printed: January 2025 in Murrysville, PA

First Edition

1.3 License Agreement

R:BASE TECHNOLOGIES, INC. DEVELOPER LICENSE AGREEMENT

R:Compiler for R:BASE 11 for Windows Single Seat License

This is a legal agreement between R:BASE Technologies Inc., ("RBTI"), and you as an independent software developer ("**Developer**"). Please read the terms and conditions of this License Agreement before using this software. RBTI is the exclusive owner of the computer ("**Program**") known as R:Compiler for R:BASE.

By you selecting "I accept the license agreement" and clicking "Next" during product installation means you expressly accept the terms and conditions of this Agreement. If you do not accept the terms and conditions of this Agreement, you must stop installing the Product and click "Cancel". Your money will be refunded based upon proof of purchase, and in compliance with the return period described in the LIMITED WARRANTY below. A violation of the License, brings damage both financially and to the reputation of RBTI, and in the occurrence of either, both termination of the license agreement and civil damages will be vigorously sought. Once you have clicked "I accept the license agreement", you are entitled to use the Product under the following terms and conditions of this Agreement.

LICENSE

- A.** This RBTI License Agreement permits you to use one copy of the Program along with any other materials enclosed with it (collectively, the "**Documentation**") on any single computer. A program is "being used" on a computer when it is loaded into a temporary memory or installed on a hard drive in the computer. Each seat having access to the Program must have an appropriate license. If you anticipate that the number of seats with access to the Program will exceed the number of seats for which you are licensed, you must take steps to ensure that the appropriate licenses are obtained for each seat.
- B.** RBTI grants Developer, and Developer accepts, non-exclusive right to use R:Compiler to compile an executable program using the Licensee's applications ("the **Applications**") and to distribute any resulting Applications). R:Compiler permits Licensee to make unlimited copies of the Application for distributable media.
- C.** Developer is only licensed to use the Program for Applications that were created by Licensee for the distribution of vertical market applications. R:Compiler is not intended to replace R:BASE licenses used in a non-existing vertical market application environment. If the Licensee and Developer are different entities, a separate R:Compiler license is required for each entity.
- D.** R:Compiler is for the use and benefit of source code originating from the owner of the source code and cannot be leased, rented, loaned, exchanged, used whole or in part by any other persons or entities other than the Licensee.
- Attempts to circumvent originating source code by temporarily leasing, borrowing, renting, or copying source code shall be a violation of the license agreement.
 - Source code incorporated into an application that predates source code developed by Licensee shall be acceptable "if" the application does not substantially rely on the existing code base.
- E.** Licensee or Developer is only licensed to use R:Compiler for Applications that were written using the same R:BASE version.
- F.** Licensee or Developer may not transfer this right to anyone else. R:Compiler is not to be included with any distributable media. THIS IS NOT A SALE.
- G.** RBTI remains the owner of the Program and the Documentation.
- H.** Licensee or Developer has no right to distribute either copies of the Program or any part of the Documentation except as permitted by the License.
- I.** This License is NOT TRANSFERRABLE under any circumstances.
- J.** Licensee or Developer may not use or include the Program in an Application. The Program is licensed for use of the Licensee only.

AUTHORIZED USER

- A.** Developer may allow employees and agents within the scope of their employment or agency to use R:Compiler and the documentation ("**Authorized Users**"), but all such Authorized Users must agree to be bound by the terms of this Agreement.
- B.** Licensee may allow local copies of R:Compiler to be maintained on intelligent nodes directly cabled by the LAN to the single designated file server, only so long as the intelligent nodes are physically cabled to the single designated file server.
- C.** Neither Licensee nor Developer may (1) copy the Program or the Documentation except as allowed in this Agreement; (2) manufacture or distribute copies of the Program; (3) decompile, disassemble, or cross-compile the Program; (4) modify or alter the Program or the Documentation; (5) access the Program by means of a telecommunication gateway to an intelligent node not physically capable to the single designated file server; (6) assess fees, directly or indirectly, for the user of the Program or the Documentation, on systems such as, but not limited to, time sharing systems or service bureaus; or (7) direct the Program to persons located in certain countries specified by the United States Export Administration Act.

DISTRIBUTION OF R:Compiler

- A.** Subject to the terms and conditions of this Agreement, RBTI hereby grants the Licensee a non-exclusive, worldwide, royalty-free license under any copyrights, to execute, prepare derivative works of, and distribute (internally and externally) the Application. The Program is not to be included with any distributable media.
- B.** Licensee understands and agrees that RBTI's License Agreement grants right only for the Program and the media on which it is recorded, not for any Application. Licensee also understands and agrees with

those terms of RBTI's License Agreement which affect Licensee and Developer, including (without limitation) those terms relating to refund for non-acceptance of the License Agreement and for termination of the License Agreement.

ASSIGNMENT

Licensee or Developer may not transfer or assign this License, or any part of it, to any third party, whether voluntarily or by operation of law, without the prior written consent of RBTI. RBTI may assign or transfer this Agreement, or any part of it, to any person.

TERM AND TERMINATION

The License is effective for fifty (50) years from the time Licensee acquires the Program from RBTI. Licensee may terminate the License earlier by returning to RBTI, the Program, all back-up copies, and the Documentation. If RBTI terminates this Agreement for any reason, Developer must then return the Program and the Documentation.

PROPRIETARY RIGHTS AND RELATED MATTERS

A. The Program package contains confidential information protected by copyright, trade secret and trademark laws. Licensee or Developer may not disclose the Program or the Documentation to others, except as expressly permitted by this Agreement.

B. Licensee or Developer may not remove, alter or obfuscate any RBTI copyright or other proprietary rights notices in the Documentation, or any media(s).

C. In addition, Licensee or Developer must use its best efforts to prevent any unauthorized use, copying or disclosure of the Program and the Documentation.

D. The obligations of this section survive any termination of the license.

STEP UPS AND UPGRADE PURCHASES

As Licensee, you are authorized to use The Program only if you are an authorized user of a qualifying product as determined by RBTI. Upon installation, the new license agreement takes the place of the agreement of the qualifying software you stepped up or upgraded from. After you upgrade, you may no longer use the software from which you upgraded. When you acquire the upgrade, you must uninstall the copy of the qualifying product.

ACTIVATION CODES

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.

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. For client/workstation computers, the Program must be installed on a computer's local C: drive. The installation of the Program on any other drive is not supported, unless using a server installation. Any software utilities which alter how the Program is installed on a local C: drive is 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 C: drive.

The Program activation can be completed automatically through an Internet connection or manually through a provided email option. In doing so, the Program Registration Number and Computer ID must be provided. License validation allows a number of activations based upon the number of licenses purchased.

If a computer is no longer using the Program, through license transfer or hardware failure, the Activation Key that was used on the computer must be submitted to R:BASE Technologies so the key may be disabled, which will then free up that used activation. Once a key is reported 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 the License Key and Activation Key product information, select "Help" > "Product Activation" from the Menu Bar.

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. The availability of software support

services is subject to a Software Assurance Plan that has not exceeded the End of Service Contract Renewal Date for the R:BASE version.

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, 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.

EXCLUSION OF WARRANTY

A. Except for the limited warranty described above, there are no warranties, either expressed or implied, for the Program or the documentation. The Program and the Documentation are licensed to developer "as is." RBTI expressly disclaims any warranty as to performance of the Program or the Documentation or as to results which developer may obtain from using the Program or any Application written using the Program. RBTI also expressly disclaims all other warranties, including (without limitation) implied warranties of merchantability and fitness for a particular purpose.

B. In no event shall RBTI, or anyone else who was involved in the creation, production, or delivery of the Program or its Documentation, be liable to developer for any direct, indirect, special, consequential or incidental damages (including damages for loss of business profits, business interruption, loss of business information and the like) arising out of the use or inability to use the Program or its Documentation or arising out of any breach of any warranty, even if RBTI has notice of the possibility of such damages.

NO WARRANTY TO CUSTOMER

A. RBTI expressly disclaims any representation or warranty, whether as to quality of workmanship, performance or otherwise, to any workmanship, performance or otherwise, to any customer or other person with respect to the Program, any Application or any copies thereof, including (without limitation) the implied warranties of merchantability and fitness for a particular purpose.

B. Licensee or Developer may not make any representation or warranty on behalf of RBTI with respect to the Program, any Application, or any copies thereof.

DEVELOPER INDEMNITY REGARDING THIRD PARTY CLAIMS

A. Developer shall indemnify and hold RBTI harmless from any and all claims, losses, harm damages, liabilities and expenses (including, without limitation, reasonable attorneys' fees) that RBTI may incur and which arise from Developer's development, manufacture, production or marketing of the Application.

B. Developer shall indemnify and hold RBTI harmless from any and all claims, losses, harm damages, liabilities and expenses (including, without limitation, reasonable attorneys' fees and costs) that RBTI may incur as a result of any claim, action, suit, or proceeding that the Application infringes a third party's proprietary rights under the law of any jurisdiction where the Application is distributed.

C. If Developer is directed to disclose any portion of the Program or any other materials proprietary to RBTI in a judicial proceeding or arbitration, it shall immediately notify RBTI. Developer shall not disclose any such materials until it has done so. Prior to any disclosure, Developer shall work with RBTI to obtain a reasonable protective order or other appropriate means to protect RBTI proprietary rights in connection with any such proceeding.

INFRINGEMENT

A. Licensee or Developer will notify RBTI within ten (10) days if anyone makes a claim against Licensee or Developer that the Program or the Documentation infringes their proprietary rights under United States law or the laws of any state within the United States. If Licensee or Developer gives RBTI sufficient notice, RBTI will attempt, at its option, to make the Program and the Documentation non-infringing, or obtain for Licensee or Developer the right to use R:Compiler and any Documentation. If, after reasonable efforts, RBTI is unable to achieve either of these options, either party has the right to terminate this License upon ten (10) days written notice to the other.

B. In the event that Licensee's or Developer's right to distribute the Application is enjoined by a court or competent jurisdiction, or if RBTI in the reasonable exercise of its discretion instructs Licensee or

Developer to stop using or distributing the Application due to an infringement dispute, Licensee or Developer shall immediately stop distributing the Application.

LIMITATION OF LIABILITY

In no event shall RBTI's liability (whether based on an action or claim in contract, tort or otherwise) to Licensee or Developer, arising out of or related to this License or the transactions contemplated under it, exceed two times the license fee Licensee paid for the Program package.

ADVERTISING AND PROMOTION

A. In advertising for any Program, Developer may state that the Application is written using the Program. If it makes such a statement, Developer must use the full RBTI trademark for the Program. Developer must also include the following: "R:Compiler for R:BASE is licensed to (Licensee) from RBTI. R:BASE and R:Compiler for R:BASE are trademarks of RBTI. RBTI assumes no responsibility for (Developer's) product."

B. Developer may use RBTI trademarks only as permitted in within this "ADVERTISING AND PROMOTION" Section of this License. Developer also will comply with other reasonable RBTI instructions on the use of its trademarks. RBTI shall have the right to terminate Developer's right to use RBTI's trademarks under this "ADVERTISING AND PROMOTION" Section if RBTI determines at any time the Developer has failed to comply with such instructions.

C. Licensee or Developer may not advertise in such a manner that the reputation of RBTI, or any RBTI products, may be harmed thereby.

D. RBTI may at its sole discretion publish the Developer's name, address and a description of the Application for purposes of the promotion and marketing of the Program and the Documentation.

E. Upon reasonable notice, RBTI may inspect free of charge one (1) copy of each Application, including the Application's documentation, and a copy of advertising materials for each Application.

MISCELLANEOUS PROVISIONS

A. This License does not create a joint venture or partnership between RBTI and Licensee or Developer. Licensee or Developer is not an agent or legal representative of RBTI.

B. This License will be governed by Pennsylvania State and United States law. Any suit brought to enforce any provision of this Agreement or arising out of the License of the Program or the Documentation shall be brought only in the Superior Court of Westmoreland County, State of Pennsylvania.

C. Any term of this License found to contravene a jurisdiction's law will be deleted without affecting the remaining terms. Without limiting the foregoing, it is expressly agreed that each and every provision of this License which provides for a limitation of liability, disclaimer of warranties or exclusion of damages, is intended to be severable and independent of any other such provision. Further, it is expressly agreed that if any remedy under this License fails of its essential purpose, all limitation of liability and exclusions of damages remain in effect.

D. Any waiver by RBTI of any violation of this License shall not constitute a waiver of any later violation. No legal action arising out of this License may be started by Licensee or Developer more than one (1) year after the cause of action has accrued. In any legal action to enforce this License, the prevailing party shall be entitled to recover all costs and expenses, including (without limitation) reasonable attorney's fees.

E. This License is the entire and complete agreement between RBTI and Licensee and/or Developer regarding the Program and any Documentation. It takes the place of any prior agreement, oral or written, and any other communications between RBTI and Licensee and/or Developer regarding the Program and the Documentation.

F. This License is subject to change without prior notice. Please call us for the most recent revisions of this License Agreement.

R:BASE Technologies, Inc.
<https://www.rbase.com>
rbaseinfo@rbase.com

Copyright 1982-2025 R:BASE Technologies, Inc.
All Rights Reserved
Revised Tuesday, January 07, 2025

1.4 Complimentary Support

30 DAY LIMITED COMPLIMENTARY TECHNICAL SUPPORT

A. LICENSEE RESPONSIBILITIES.

1. To help us expedite the process and provide high quality assistance, the licensee must provide proof of purchase. 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.
2. To have operating system, workstations, and local network installed and functional. R:BASE Technologies will NOT be responsible for resolving issues not pertaining to the software product.
3. Our support staff deals with advanced issues, therefore the person contacting R:BASE Technologies for assistance should be the system administrator or have other R:BASE/SQL experience and be able to understand and implement the advice given.
4. To have the database, application, and command files being reviewed, safely backed-up before attempting assistance. R:BASE Technologies will NOT be held responsible for lost data or corruption as a result of advice given.

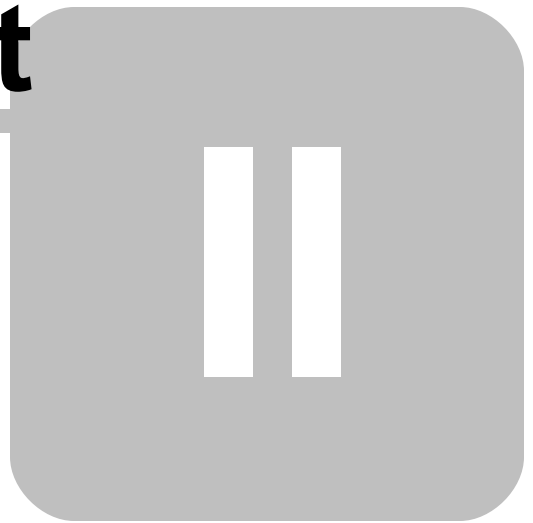
B. R:BASE TECHNOLOGIES, INC. RESPONSIBILITIES.

1. To provide quality assistance in a timely manner to aid in the installation of the product and elementary conversion of database, application, and command files within 30 days of the date of purchase.
2. To provide a reasonable solution for any solvable issue. Not all issues may be solved, and therefore we will acknowledge the existence of known issues, or bugs, which we are presently aware of, that have no reasonable work-around.

R:BASE Technologies 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 Monday through Friday, from 10:00 AM to 6:00 PM (EST).

For application, design, or advanced conversion assistance, R:BASE Technologies offers Technical Support Plans of various types to meet your needs. Please visit the Support page at <https://www.rbase.com/support> for details and pricing.

Part



2 Installation

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 Product Activation 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 Software Installation

The installation of R:Compiler for R:BASE 11 is fully automated and does not require user intervention for the initial configuration.

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

Installation Directory

C:\RBTI\RBG11_Compiler

Files Installed

RCompiler11.exe
RBENGINE11.dll
RBThemes11.dll
TabPrint.dll
WebView2Loader.dll
RBENGINE11.CFG
RCompiler11.pdf
RCompiler11.chm
RCompiler11.SizeCfg
License.rtf
ReadMe.txt

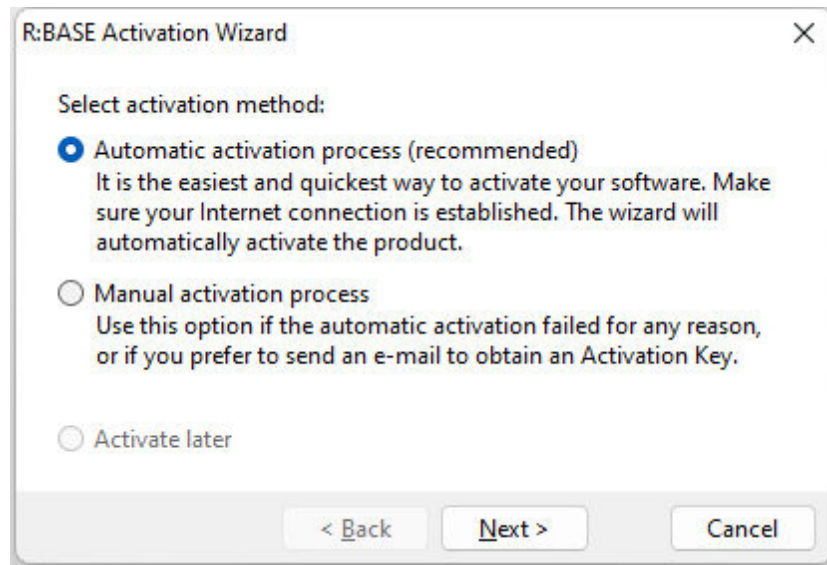
2.4 Activation

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

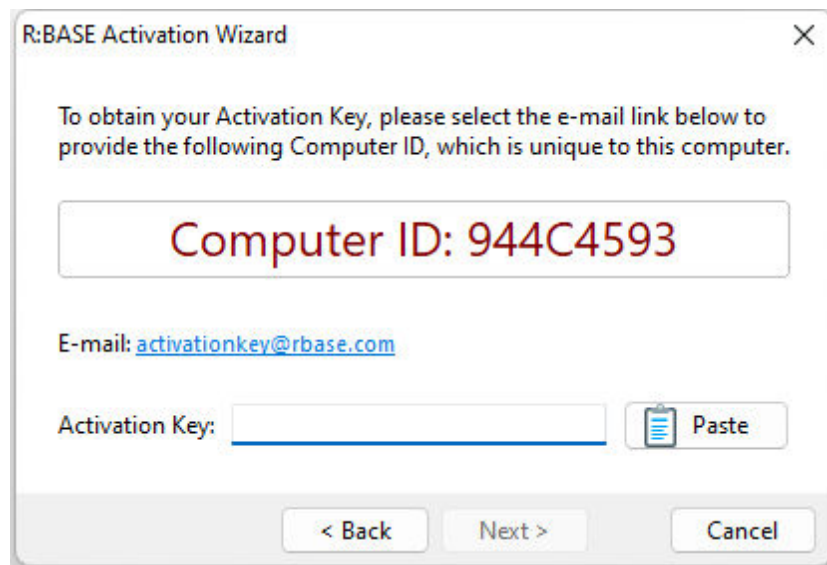
After launching R:BASE, you will be prompted to enter your 32-character License Key, which is provided with your product and is located on a label above the installation CD on the inside of the protective product case.



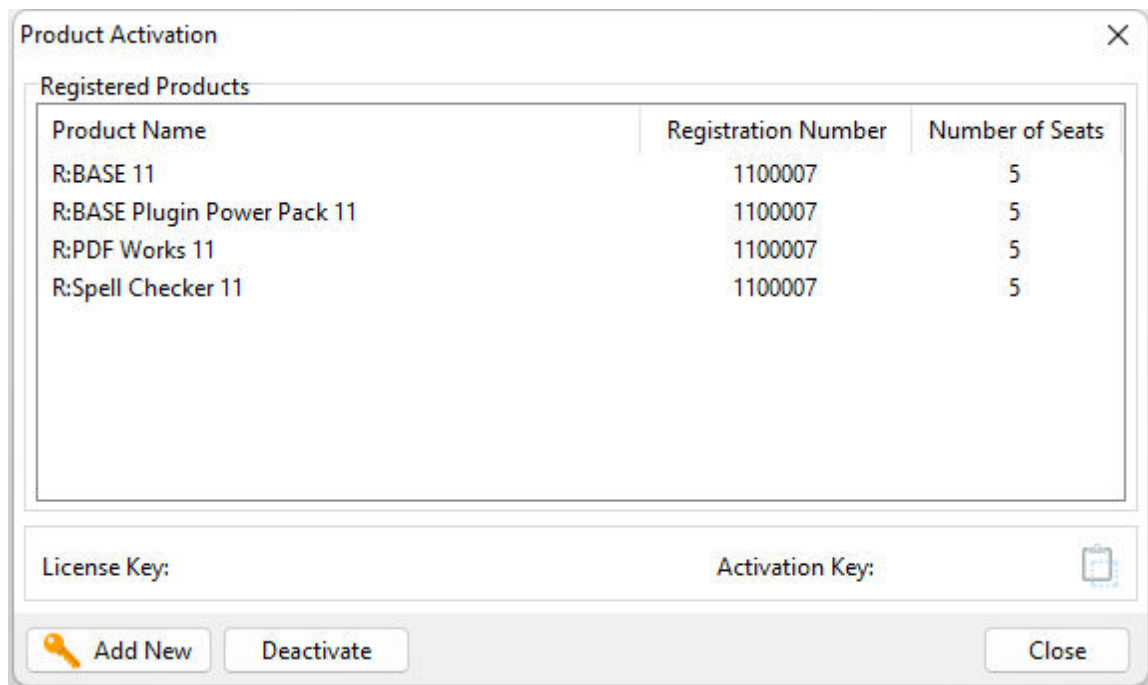
After entering the License Key, you will see a dialog to prompt for your activation method. The software can be activated automatically over the Internet, or manually by retrieving an Activation Key from R:BASE Technologies by email or over the phone. If you select "Later", you will be reminded each 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 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:Compiler for R:BASE and clicking on the "Activation" button. Your Registration Number is displayed on the window. You can also enter additional License Keys for add-on products.



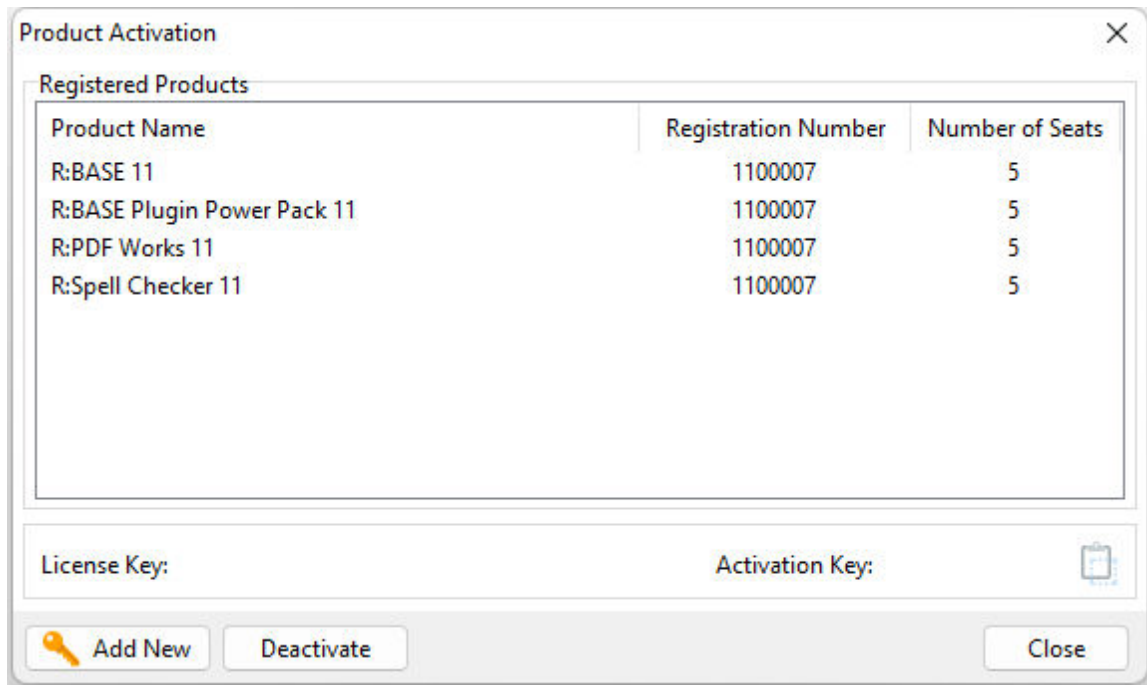
Please be advised that if you are activating multiple workstations, it is highly recommended that you keep records of the computer name, Computer ID and Activation Key for future reference. Access to this information will prove convenient in the event of a hardware failure or license transfer when uninstalling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

Please see: [Uninstall/Reinstall](#)

2.5 Uninstall

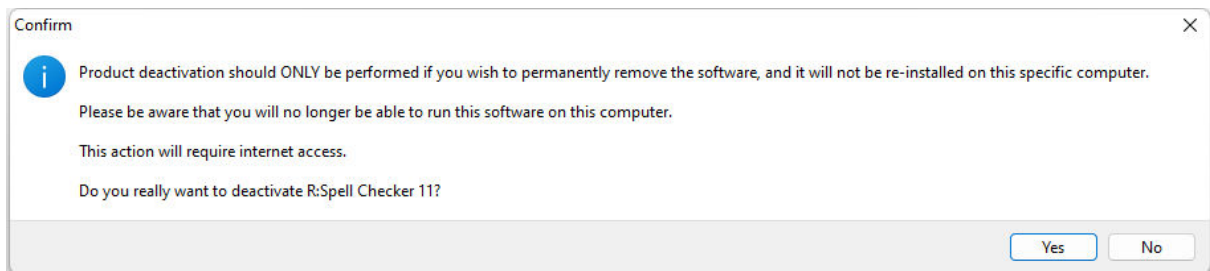
If a computer is no longer using R:Compiler for R:BASE, through license transfer or hardware failure, the Activation Key that was used on that computer must be submitted to R:BASE Technologies so we can then remove the Activation Key from our log. We will disable the Key, which will then free up that 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:Compiler for 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.



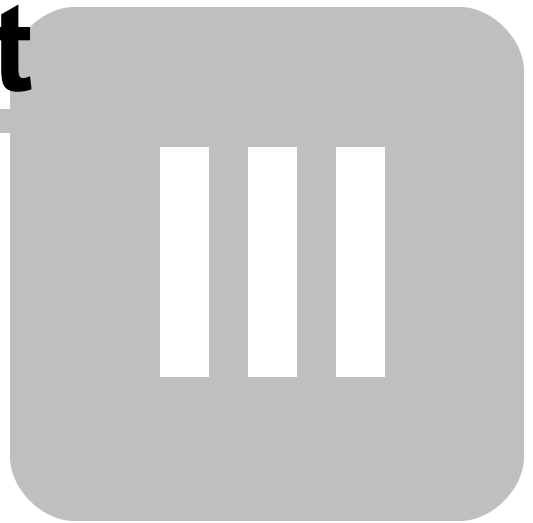
If the License Key for your product is not readily available for the license transfer, select the "Copy License Key" button to send your License Key to the clipboard.

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.



After completing the deactivation of the product, it can be successfully reinstalled and activated.

Part

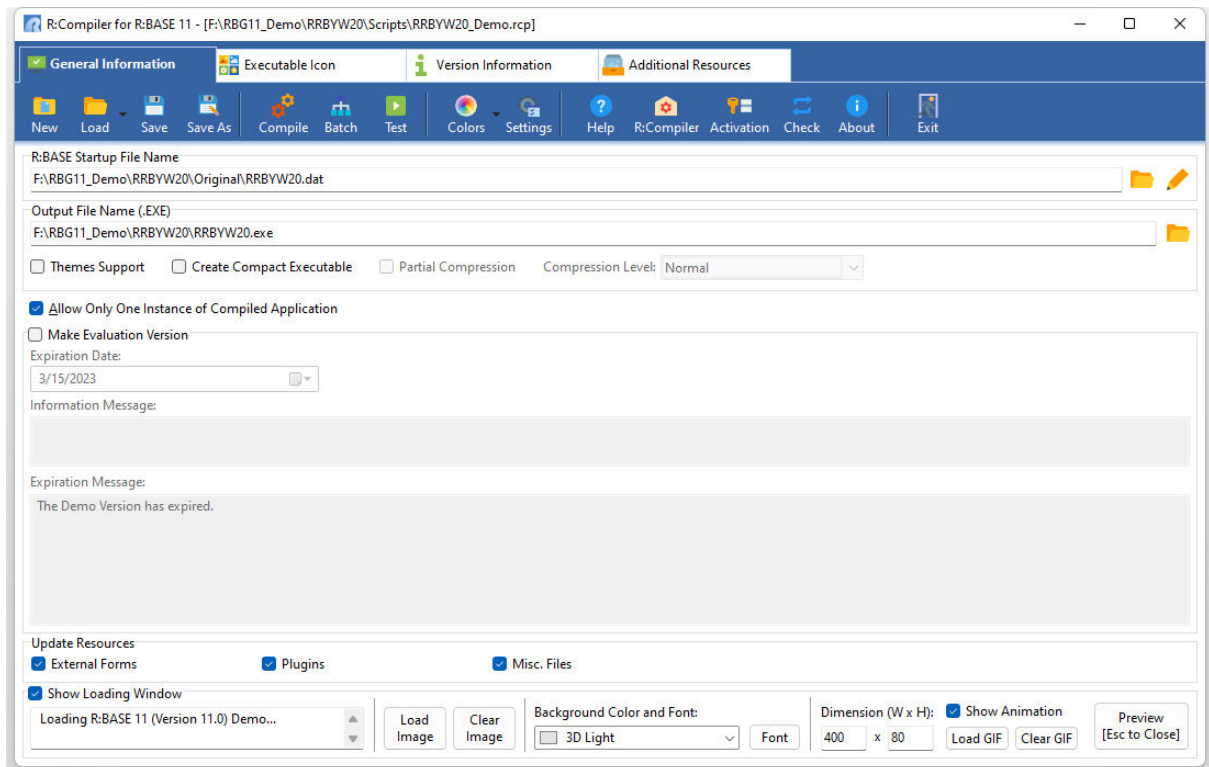


3 Using R:Compiler








3.1 User Interface









The R:Compiler user interface has been enhanced into a tabular design for easier manipulation of application projects.

Adjustments made to the visual display of the R:Compiler interface (form size/position, list view controls, column sizes, etc.) are persistent between sessions. The settings are stored in the RCompiler11.SizeCfg configuration file, which is created and stored in the R:Compiler for R:BASE program folder. The file may be deleted to reset the sizes/location settings.



3.1.1 Tool Bar

Button	Description
	Clears the options to create a new project
	Opens an existing project
	Save the current project
	Saves the current project as another name
	Compiles the project to an executable file
	Performs a batch compile
	Launches the compiled executable file for testing

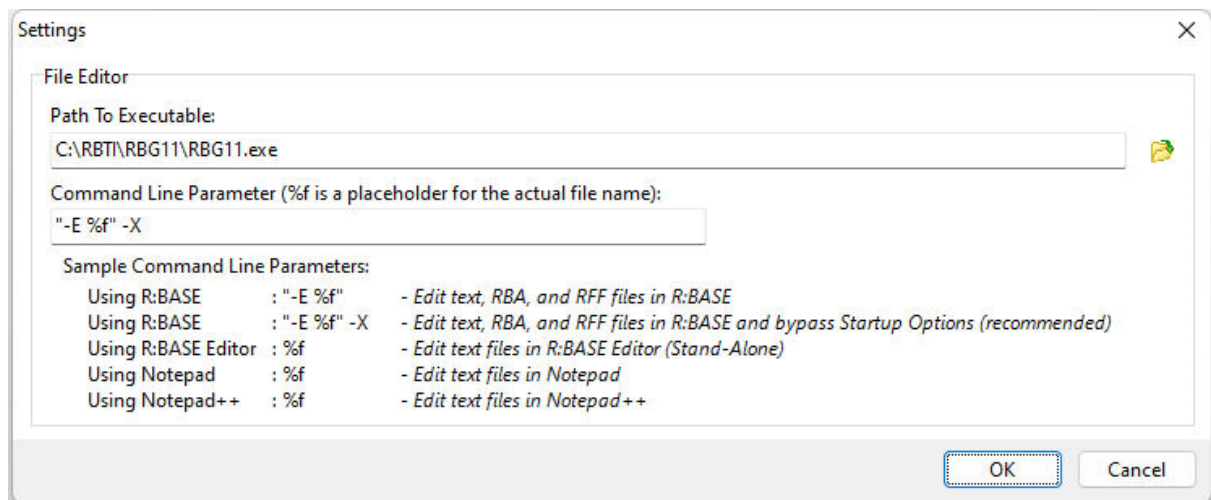
	Saves and loads custom colors from other development environments, and between R:BASE Technologies products
	Settings
	Launches the R:Compiler Help
	Launches the R:Compiler Home Page
	Displays software information, such as registration number, license key, seat count, and activation key
	Launches the R:Compiler Updates Page
	Launches version information about the product
	Exits R:Compiler

3.1.2 Settings

File Editor

Path To Executable - specifies the path to an external editor to modify the compiled executable startup file. The R:BASE Editor can be used to modify command files. R:BASE would be specified to alter external form files and application files.

Command Line Parameters - specifies command line parameters for the file editor executable



3.1.3 General Properties

R:BASE Startup File Name

The R:BASE startup file to specify is the initial file to launch for the custom R:BASE application. The startup file can be an R:BASE application file, an external form file, or a command file. A "Browse..." button is available to browse for the location of the R:BASE startup file. After specifying the startup file, the path and file name will appear.

An "Edit file" button is also available to easily modify the startup file. Prior to editing the file, the R:Compiler for R:BASE [Settings](#) must be configured to specify the program that will alter the startup file. For example, the R:BASE Editor can be used to modify text command files. R:BASE would be specified to alter external form files and application files.

Any additional files that must be added to an R:Compiler for R:BASE project, can be loaded within the [Additional Resources](#) menu.

Output File Name (.EXE)

A "Browse..." button is available to browse and define a destination location for the compiled executable. A different file name can be created for the compiled executable, other than the value provided, which is based upon your specified startup file.

Themes Support - specifies if the executable supports R:BASE form skinning (skins/themes). When unchecked, R:BASE forms are native. The advantage to being a native form is the program does not have the possible quirks/encounters that can be introduced when manual drawing forms, compared to the operating system drawing the forms and controls. The default value is checked.

Create Compact Executable - specifies if the executable is compressed. To create an uncompressed executable, uncheck this option and recompile the project. To see if the setting suits an application, try comparing the memory used of the compiled application when this setting is checked and unchecked, as a compressed executable will allocate more memory. The default value is checked.

Partial Compression - specifies if the executable is partially compressed. When checked, only the "code" portion of the executable is compressed. The "resources" are not compressed. When unchecked, both "code" and "resources" are compressed. The default value is unchecked. The option only works if "Create Compact Executable" is checked.

Compression Level - specifies the executable compression level to improve the compile time. Options include: Fastest, Fast, Normal, Good, Best (slow). The fast options provide minimum compression.

Tip: For compiled applications that do not contain or require decorative subject matter, it is recommended to uncheck the settings, so the result is a native application without compression.

Allow Only One Instance of Compiled Application

When enabled, the number of instances that the compiled executable can be launched is limited to one. If the executable is launched while it is already running, the existing instance will take focus on the screen.

Make Evaluation Version

The available "Make Evaluation Version" check box permits the ability to incorporate an expiration date for a custom program.

Expiration Date - specifies the date in which the program will no longer launch

Info Message - specifies the message displayed every time the evaluation version of the program is launched

Expiration Message - specifies the message displayed once the expiration date has been reached by the computer's system clock

Update Resources

External Form Files - enables the ability to automatically update defined external form files

Plugins - enables the ability to automatically update defined plugins

Misc. Files - enables the ability to automatically update defined misc. files

Show Loading Window

The available "Show Loading Window" check box allows a load window to be displayed while the program is launching. The available field is used to enter a custom message for the window. Multiple lines can be entered for the message.

Load Image/Clear Image - specifies to display or clear an image for the load window

Background and Font - specifies the background color and text font

Dimension - specifies the width and height

Show Animation - specifies if an animation is displayed

Load GIF/Clear GIF - specifies to display or clear an animated GIF for the load window

Preview - displays a preview of the load window

With the Loading Window feature, several PROPERTY command parameters can also be implemented:

```
PROPERTY LOADWINDOW TITLE 'Your Message Here'
PROPERTY LOADWINDOW PROGRESS nnn (0-100)
PROPERTY LOADWINDOW CAPTION 'Your Caption'
PROPERTY LOADWINDOW SHOWINDICATOR 'TRUE'

PROPERTY LOADWINDOW CLOSE 'TRUE'
```

Notes

- The SHOWINDICATOR parameter is used to display a moving gif image.
- The CLOSE parameter is used to close the progress window when the application launches. This command would be placed in a form within the "On After Start" EEP.
- These PROPERTY commands are supported for R:Compiler ONLY.

3.1.4 Executable Icon

The available "Change Executable Icon" check box permits the ability to specify a custom icon. If the check box is disabled, the compiled executable will display the R:BASE 11 icon.

To specify an icon file, enable the check box and select the "Browse..." button to browse for an existing icon file. After browsing and selecting the icon file, the path and file name will appear. The compiled executable will then display the icon loaded from specified file. A preview of the icon is provided.



3.1.5 Version Information

The available "Include Version Information" check box permits the ability to specify program version information based upon the current R:Compiler project. The entered criteria is displayed when viewing the properties for the compiled executable.

If check box is unchecked, no version information will be saved with compiled executable and the version information will be empty. In some look ups, the returned value may be 1.0.0.0.

Note: When capturing the version and build information from a compiled application using the **SHOW BUILD** and **SHOW VERSION** commands, as well as the **(CVAL('BUILD'))** and **(CVAL('VERSION'))** functions, the details returned will be based upon the values defined within the Version Information tab. The version and build, and all other fields, may also be captured using **GETPROPERTY APPLICATION** command syntax.

Include Version Information	
Major Version:	11
Minor Version:	0
Release:	1
Build:	21217
<input type="checkbox"/> Auto-increment Build Number	
Company Name:	R:BASE Technologies Inc.
File Description:	RRBYW20 Sample Compiled Application
File Version:	11.0.1.21217
Internal Name:	RRBYW20.exe
Legal Copyrights:	Copyright © 1982-2022 R:BASE Technologies, Inc.
Legal Trademarks:	R:BASE is a Registered Trademark of R:BASE Technologies, Inc.
Original File Name:	RRBYW20.exe
Product Name:	Running R:BASE Your Way (version 20) Sample Application
Product Version:	11.0.1.21217 <input checked="" type="checkbox"/> Append R:Compiler Build Number in Product Version
Comments:	The Industrial Answer to Building Relational Solutions!

Version Information Fields:

Major Version - First parameter of version number
Minor Version - Second parameter of version number
Release - Third parameter of version number
Build - Fourth parameter of version number

For example if version number is 4.3.23.11523, then the following was specified:

```
Major Version: 4
Minor Version: 3
Release: 23
Build: 11523
```

Auto-increment Build Number:

Increases the compiled executable build number by 1 each time the project is compiled.

Company Name:

Specifies the company that produced the file, for example, "Microsoft Corporation" or "Standard Microsystems Corporation, Inc."

File Description:

Specifies a file description to be presented to users. This string may be displayed in a list box when the user is choosing files to install, for example, "Keyboard Driver for AT-Style Keyboards".

File Version:

Specifies the version number of the file, for example, "3.10.0.0". The file version is result of the built from Major Version, Minor Version, Release, and Build values.

Internal Name:

Specifies the internal name of the file, if one exists, for example, a module name if the file is a DLL. If the file has no internal name, this string should be the original file name, without extension.

Legal Copyright:

Specifies all copyright notices that apply to the file. This should include the full text of all notices, legal symbols, copyright dates. For Example: "Copyright © Civic Systems Corporation 1990–2012".

Legal Trademarks:

Specifies all trademarks and registered trademarks that apply to the file. This should include the full text of all notices, legal symbols, trademark numbers, etc.

Original File Name:

Specifies the original name of the file, not including a path. This information enables an application to determine whether a file has been renamed by a user. The format of the name depends on the file system for which the file was created.

Product Name:

Specifies the name of the product with which the file is distributed.

Product Version:

Specifies the version of the product with which the file is distributed. For Example: "3.10" or "5.00.rc2"

Append R:Compiler Build Number in Product Version:

Appends the R:Compiler for R:BASE product build after the Product Version information.

Comments:

Specifies additional information that should be displayed for diagnostic purposes.

3.1.6 Additional Resources

Database and file resources can be added to your compiled executable project.

Database resources include:

- R:BASE External Forms
- Forms
- Reports
- Labels







File resources include:

- Plugins (.rbm)
- the R:BASE Engine file (.dll)
- Themes (.msstyles, .theme, .uskn, .kskn, .xskn, .mskn)
- R:BASE Command Files (.dat, .rmd, .cmd, .app, .eep, .vie, .pro, .frm, .rpt, .lbl, .str, .all, .lst, .tbl)
- R:Charts chart files (.rbc)
- R:BASE Gateway Import/Export Specification files (.rgw)
- R:Mail Editor Template files (.rmt)
- R:BASE Application Files (.rba)
- Font Files (.tff)

3.1.6.1 External Form Files

Adding an external form file to the list of resources can be performed by selecting the "Add External Form File" button on the Tool Bar. You will be prompted to locate the appropriate external form file with the .rff file extension. After an external form file is added as a resource, it will be assigned a "Resource ID". This ID consists of the external form file name.

Tool Bar

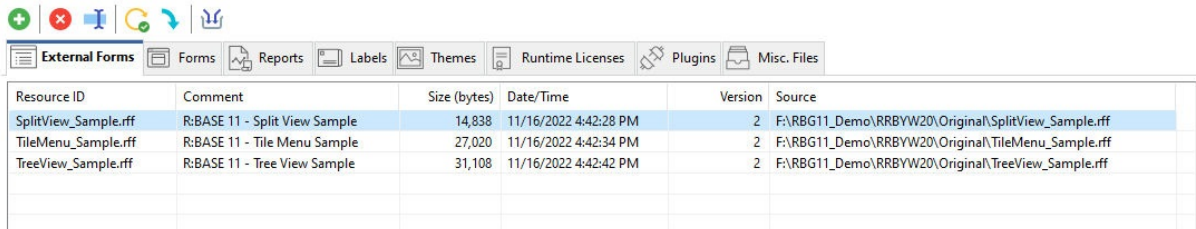
Button	Description
	Add External Form File
	Delete Resource(s)
	Rename Resource...
	Update External Form File
	Unload External Form...
	Embed R:BASE Engine into Executable

Deleting an existing external form file from the list of resources can be performed by selecting the listed external form file and pressing the "Delete Resource(s)" button.

If at any time an external form is altered within R:BASE, the external form can easily be updated within the R:Compiler project using the "Update External Form File" button. R:Compiler will assume that the stored location for the external form has not changed.

If you need to unload the external form file from the compiled project, you can do so using the "Unload External Form..." button.

Be sure to refer to the [Tips](#).








Resource ID	Comment	Size (bytes)	Date/Time	Version	Source
SplitView_Sample.rff	R:BASE 11 - Split View Sample	14,838	11/16/2022 4:42:28 PM	2	F:\RBG11_Demo\RRBYW20\Original\SplitView_Sample.rff
TileMenu_Sample.rff	R:BASE 11 - Tile Menu Sample	27,020	11/16/2022 4:42:34 PM	2	F:\RBG11_Demo\RRBYW20\Original\TileMenu_Sample.rff
TreeView_Sample.rff	R:BASE 11 - Tree View Sample	31,108	11/16/2022 4:42:42 PM	2	F:\RBG11_Demo\RRBYW20\Original\TreeView_Sample.rff

3.1.6.2 R:BASE Forms

Adding a form to the list of "Additional Resources" must be performed by also viewing the Database Explorer while connected to your database running R:BASE. While viewing the Forms screen of the Database Explorer, select the desired form(s) to be added as a resource, and press the [Ctrl+C] keys to send the object(s) to the clipboard. Then, change to the R:Compiler Additional Resources menu and press the "Paste from Clipboard" button. The form(s) will appear as resources. The reverse is also supported to copy a form from the R:Compiler project back to the R:BASE database using the "Copy to Clipboard" button and the [Ctrl+V] keys.

Tool Bar

Button	Description
	Delete Resource(s)
	Rename Resource...
	Copy to Clipboard
	Paste from Clipboard
	Embed R:BASE Engine into Executable

After a form is added as a resource, it will be assigned a "Resource ID". This ID consists of the form name. An appropriate icon is also displayed for the resource.

Deleting an existing form from the list of resources can be performed by selecting the listed form and pressing the "Delete Resource(s)" button.

Also, be sure to refer to the [Tips](#).

Resource ID	Original Form Name	Main Table	Comment	Size (bytes)	Date/Time	Version
LayoutManager	LayoutManager	ContactCallNotes	Layout Manager Sample- Review/Update C...	79,581	11/15/2022 4:29:00 PM	2
TimePicker	TimePicker		New Time Picker Control	17,286	11/15/2022 4:30:00 PM	2
Titles	Titles	Titles	To Add/Review Employee Titles	29,851	11/15/2022 4:30:00 PM	2
ThemeSelector	ThemeSelector	Customer	Dynamic R:BASE eXtreme Theme Selector	152,884	11/15/2022 4:30:00 PM	2
TileMenu_DynFrms	TileMenu_DynFrms		Tile Menu Sample - Dynamic Customer Tiles	16,441	11/15/2022 4:30:00 PM	2
VarGaugeForm	VarGaugeForm			33,738	11/15/2022 4:30:00 PM	2
WEBBrowserProperty	WEBBrowserProperty		To Demonstrate the Use of New WEB Browe...	25,165	11/15/2022 4:30:00 PM	2
UsingListVasCHOOSE	UsingListVasCHOOSE	Form Table	Using Variable Lookup ListView As Enhance...	22,784	11/15/2022 4:30:00 PM	2
VarDateAndTimeEdit	VarDateAndTimeEdit			30,369	11/15/2022 4:30:00 PM	2
LAUNCH_Cmd	LAUNCH_Cmd		New LAUNCH Command Parameters	28,206	11/15/2022 4:29:00 PM	2
InvoicesMaster	InvoicesMaster	InvoicesMaster	DBTreeGrid Demo	65,503	11/15/2022 4:29:00 PM	2
JumpAndJumpTo	JumpAndJumpTo	Customer	To Demonstrate the use of JUMP and JUMP...	43,825	11/15/2022 4:29:00 PM	2
OrganizationMap	OrganizationMap	OrganizationView	DB OrgChart Sample - Company Organizati...	31,869	11/15/2022 4:29:00 PM	2
PaymentTerms	PaymentTerms	PaymentTerms	To Add/Review Payment Terms	30,682	11/15/2022 4:29:00 PM	2
LinkLabelControl	LinkLabelControl		Using New Link Label Control	8,512	11/15/2022 4:29:00 PM	2
MutuallyExclusive	MutuallyExclusive	Form Table	MutuallyExclusive Enhanced CHOOSE	21,574	11/15/2022 4:29:00 PM	2
FormTimer	FormTimer		To Demonstrate the Use of Form Timer Prop...	6,986	11/15/2022 4:29:00 PM	2
DynamicListViews	DynamicListViews	Form Table	Dynamic CHOOSE Using ListViews Control	17,225	11/15/2022 4:29:00 PM	2
Employees	Employees	Employee	Enter/Update Employee(s)	61,291	11/15/2022 4:29:00 PM	2
DirTreeControl	DirTreeControl		To Demonstrate the Use of DirectoryTree Co...	8,789	11/15/2022 4:29:00 PM	2
DualScrollRegion	DualScrollRegion	Customer	Scrolling Regions with New Supported Cont...	51,495	11/15/2022 4:29:00 PM	2
FormAnimation	FormAnimation	Form Table	To Demonstrate the Form Closing Behavior ...	16,352	11/15/2022 4:29:00 PM	2
FormSystemVars	FormSystemVars	Contact	Form System Variables	40,360	11/15/2022 4:29:00 PM	2
EnhancedCalendar	EnhancedCalendar		New Enhanced Calendar Control	15,072	11/15/2022 4:29:00 PM	2

3.1.6.3 R:BASE Reports

Adding a report to the list of "Additional Resources" must be performed by also viewing the Database Explorer while connected to your database running R:BASE. While viewing the Reports screen of the Database Explorer, select the desired report(s) to be added as a resource, and press the [Ctrl+C] keys to send the object(s) to the clipboard. Then, change to the R:Compiler Additional Resources menu and press the "Paste from Clipboard" button. The report(s) will appear as resources. The reverse is also supported to copy a report from the R:Compiler project back to the R:BASE database using the "Copy to Clipboard" button and the [Ctrl+V] keys.

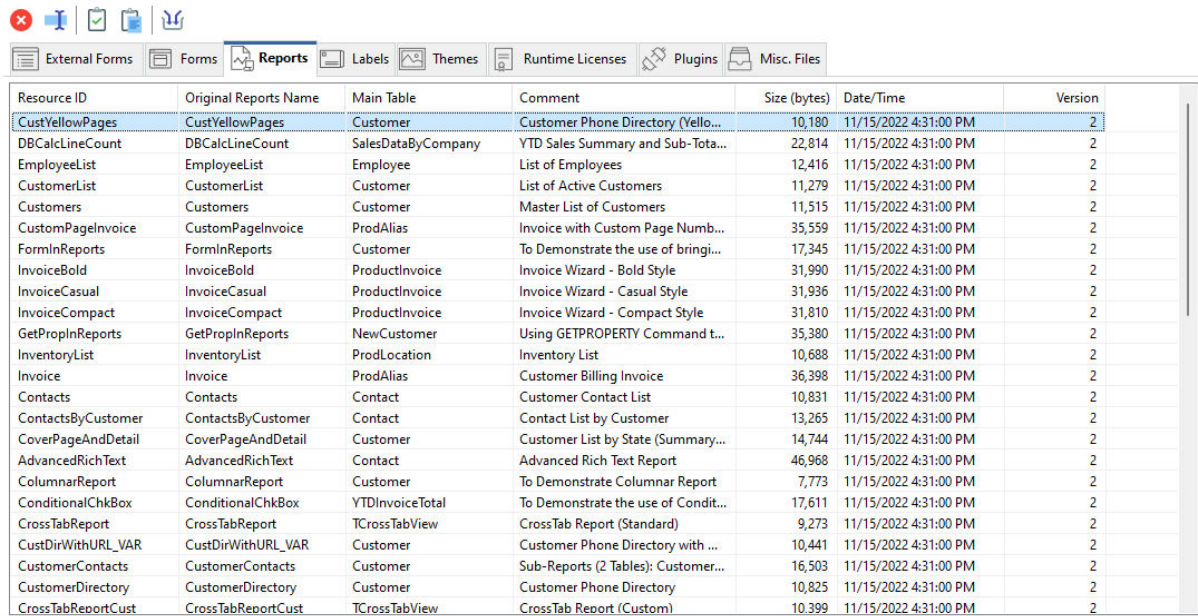
Tool Bar

Button	Description
	Delete Resource(s)
	Rename Resource...
	Copy to Clipboard
	Paste from Clipboard
	Embed R:BASE Engine into Executable

After a report is added as a resource, it will be assigned a "Resource ID". This ID consists of the report name. An appropriate icon is also displayed for the resource.

Deleting an existing report from the list of resources can be performed by selecting the listed report and pressing the "Delete Resource(s)" button.

Also, be sure to refer to the [Tips](#).








Resource ID	Original Reports Name	Main Table	Comment	Size (bytes)	Date/Time	Version
CustYellowPages	CustYellowPages	Customer	Customer Phone Directory (Yello...	10,180	11/15/2022 4:31:00 PM	2
DBCalcLineCount	DBCalcLineCount	SalesDataByCompany	YTD Sales Summary and Sub-Tota...	22,814	11/15/2022 4:31:00 PM	2
EmployeeList	EmployeeList	Employee	List of Employees	12,416	11/15/2022 4:31:00 PM	2
CustomerList	CustomerList	Customer	List of Active Customers	11,279	11/15/2022 4:31:00 PM	2
Customers	Customers	Customer	Master List of Customers	11,515	11/15/2022 4:31:00 PM	2
CustomPageInvoice	CustomPageInvoice	ProdAlias	Invoice with Custom Page Numb...	35,559	11/15/2022 4:31:00 PM	2
FormInReports	FormInReports	Customer	To Demonstrate the use of bringi...	17,345	11/15/2022 4:31:00 PM	2
InvoiceBold	InvoiceBold	ProductInvoice	Invoice Wizard - Bold Style	31,990	11/15/2022 4:31:00 PM	2
InvoiceCasual	InvoiceCasual	ProductInvoice	Invoice Wizard - Casual Style	31,936	11/15/2022 4:31:00 PM	2
InvoiceCompact	InvoiceCompact	ProductInvoice	Invoice Wizard - Compact Style	31,810	11/15/2022 4:31:00 PM	2
GetPropInReports	GetPropInReports	NewCustomer	Using GETPROPERTY Command t...	35,380	11/15/2022 4:31:00 PM	2
InventoryList	InventoryList	ProdLocation	Inventory List	10,688	11/15/2022 4:31:00 PM	2
Invoice	Invoice	ProdAlias	Customer Billing Invoice	36,398	11/15/2022 4:31:00 PM	2
Contacts	Contacts	Contact	Customer Contact List	10,831	11/15/2022 4:31:00 PM	2
ContactsByCustomer	ContactsByCustomer	Contact	Contact List by Customer	13,265	11/15/2022 4:31:00 PM	2
CoverPageAndDetail	CoverPageAndDetail	Customer	Customer List by State (Summary...	14,744	11/15/2022 4:31:00 PM	2
AdvancedRichText	AdvancedRichText	Contact	Advanced Rich Text Report	46,968	11/15/2022 4:31:00 PM	2
ColumnarReport	ColumnarReport	Customer	To Demonstrate Columnar Report	7,773	11/15/2022 4:31:00 PM	2
ConditionalChkBox	ConditionalChkBox	YTDInvoiceTotal	To Demonstrate the use of Condit...	17,611	11/15/2022 4:31:00 PM	2
CrossTabReport	CrossTabReport	TCrossTabView	CrossTab Report (Standard)	9,273	11/15/2022 4:31:00 PM	2
CustDirWithURL_VAR	CustDirWithURL_VAR	Customer	Customer Phone Directory with ...	10,441	11/15/2022 4:31:00 PM	2
CustomerContacts	CustomerContacts	Customer	Sub-Reports (2 Tables): Customer...	16,503	11/15/2022 4:31:00 PM	2
CustomerDirectory	CustomerDirectory	Customer	Customer Phone Directory	10,825	11/15/2022 4:31:00 PM	2
CrossTabReportCust	CrossTabReportCust	TCrossTabView	CrossTab Report (Custom)	10,399	11/15/2022 4:31:00 PM	2

3.1.6.4 R:BASE Labels

Adding a label to the list of "Additional Resources" must be performed by also viewing the Database Explorer while connected to your database running R:BASE. While viewing the Labels screen of the Database Explorer, select the desired label(s) to be added as a resource, and press the [Ctrl+C] keys to send the object(s) to the clipboard. Then, change to the R:Compiler Additional Resources menu and press the "Paste from Clipboard" button. The label(s) will appear as resources. The reverse is also supported to copy a label from the R:Compiler project back to the R:BASE database using the "Copy to Clipboard" button and the [Ctrl+V] keys.

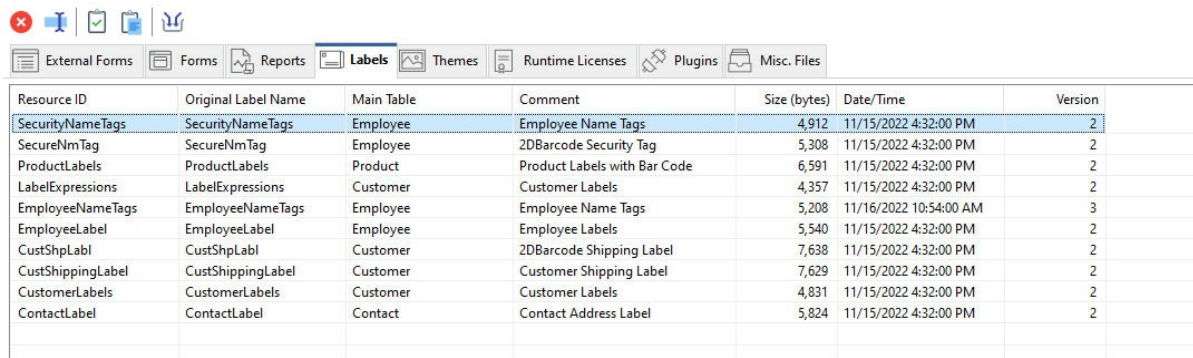
Tool Bar

Button	Description
	Delete Resource(s)
	Rename Resource...
	Copy to Clipboard
	Paste from Clipboard
	Embed R:BASE Engine into Executable

After a label is added as a resource, it will be assigned a "Resource ID". This ID consists of the label name. An appropriate icon is also displayed for the resource.

Deleting an existing label from the list of resources can be performed by selecting the listed label and pressing the "Delete Resource(s)" button.

Also, be sure to refer to the [Tips](#).







Resource ID	Original Label Name	Main Table	Comment	Size (bytes)	Date/Time	Version
SecurityNameTags	SecurityNameTags	Employee	Employee Name Tags	4,912	11/15/2022 4:32:00 PM	2
SecureNmTag	SecureNmTag	Employee	2DBarcode Security Tag	5,308	11/15/2022 4:32:00 PM	2
ProductLabels	ProductLabels	Product	Product Labels with Bar Code	6,591	11/15/2022 4:32:00 PM	2
LabelExpressions	LabelExpressions	Customer	Customer Labels	4,357	11/15/2022 4:32:00 PM	2
EmployeeNameTags	EmployeeNameTags	Employee	Employee Name Tags	5,208	11/16/2022 10:54:00 AM	3
EmployeeLabel	EmployeeLabel	Employee	Employee Labels	5,540	11/15/2022 4:32:00 PM	2
CustShpLbl	CustShpLbl	Customer	2DBarcode Shipping Label	7,638	11/15/2022 4:32:00 PM	2
CustShippingLabel	CustShippingLabel	Customer	Customer Shipping Label	7,629	11/15/2022 4:32:00 PM	2
CustomerLabels	CustomerLabels	Customer	Customer Labels	4,831	11/15/2022 4:32:00 PM	2
ContactLabel	ContactLabel	Contact	Contact Address Label	5,824	11/15/2022 4:32:00 PM	2

3.1.6.5 Themes

Themes can be added to the compiled executable from individual theme files, or from the R:BASE Theme library.

Tool Bar

Button	Description
	Add Theme , Load Theme(s) from Library...
	Delete Resource(s)
	Rename Resource...
	Embed R:BASE Engine into Executable

Individual Theme

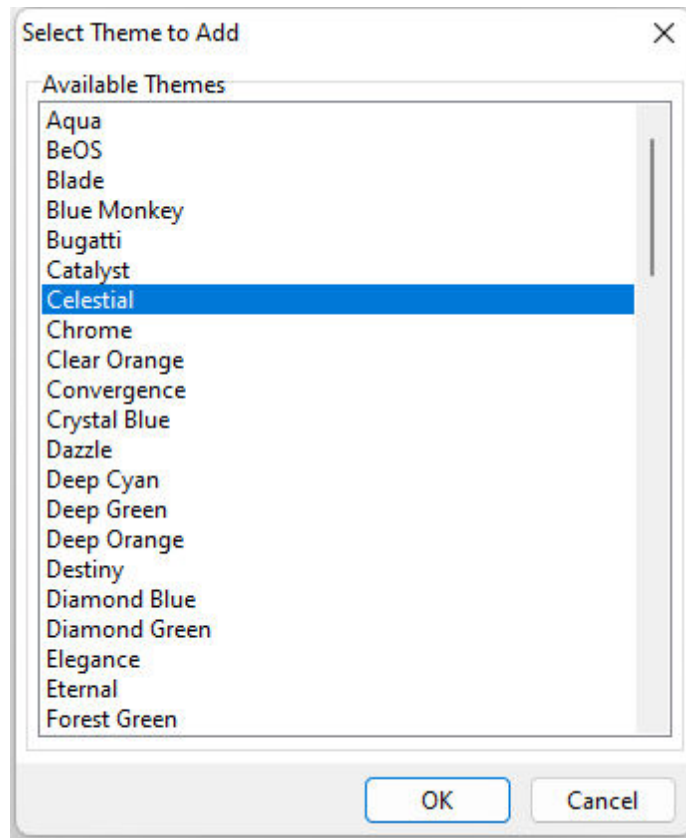
Adding an individual theme to the list of resources can be performed by selecting the "Add Theme" button on the Tool Bar. You will be prompted to locate the appropriate theme file. The following file extensions are supported:

- msstyles
- theme
- uskn
- kskn
- xskn
- mskn

After a theme file is added as a resource, it will be assigned a "Resource ID". This ID consists of the theme file name. In the screen shot at the bottom, the first three theme resources are individual theme files. The bottom three themes were loaded from the R:BASE Theme library.

R:BASE Theme Library

Adding a theme to the list of resources from R:BASE Theme Library can be performed by selecting the "Load Theme(s) from Library..." option, from the "Add Theme" drop-down menu button on the Tool Bar. In order to use this option, the RBThemes11.DLL must already be placed into the R:Compiler for R:BASE 11 program directory. You will be prompted to select the appropriate theme:



After a theme is added as a resource, it will be assigned a "Resource ID". This ID consists of the theme name. In the screen shot below, the first three theme resources are individual theme files. The bottom three themes were loaded from the R:BASE Theme library.

Resource ID	Size (bytes)	Source
Vista CG	3,492,369	Internal : Vista.CG.msstyles
Diamond	1,540,205	External : F:\RBG11_Demo\RRBYW20\Original\Diamond.msstyles
Futura	1,822,825	External : F:\RBG11_Demo\RRBYW20\Original\Futura.msstyles



Deleting an existing theme from the list of resources can be performed by selecting the listed theme resource and pressing the "Delete Resource(s)" button.

3.1.6.6 Runtime Licenses

Any Runtime License pertaining to a Plugin for an R:BASE add-on product must be stored in the compiled executable. A specific Runtime License Key would be provided after your purchase of the Runtime software product.

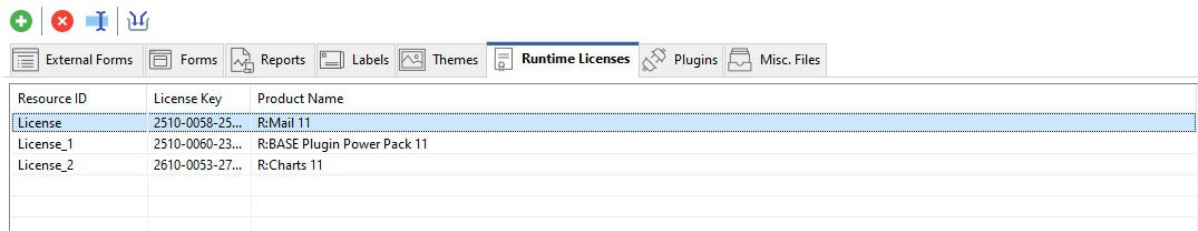
Tool Bar

Button	Description
	Add License
	Delete Resource(s)

	Rename Resource...
	Embed R:BASE Engine into Executable

Adding a Runtime License to your project can be done by selecting the "Add License" button, and pasting the appropriate Runtime License Key into the displayed dialog window.

After a Runtime License is added as a resource, it will be assigned a "Resource ID". This ID consists of the word "License" and an incrementing value for the number of licenses added to the executable.








Resource ID	License Key	Product Name
License	2510-0058-25...	R:Mail 11
License_1	2510-0060-23...	R:BASE Plugin Power Pack 11
License_2	2610-0053-27...	R:Charts 11

3.1.6.7 Plugins

Plugins for an R:BASE add-on product can be added and stored within the compiled executable. In addition to storing the Plugin within the executable or including the Plugin with the within the custom R:BASE application directory, the [Runtime License](#) Key pertaining to the Plugin must also be stored in the compiled executable.

Tool Bar

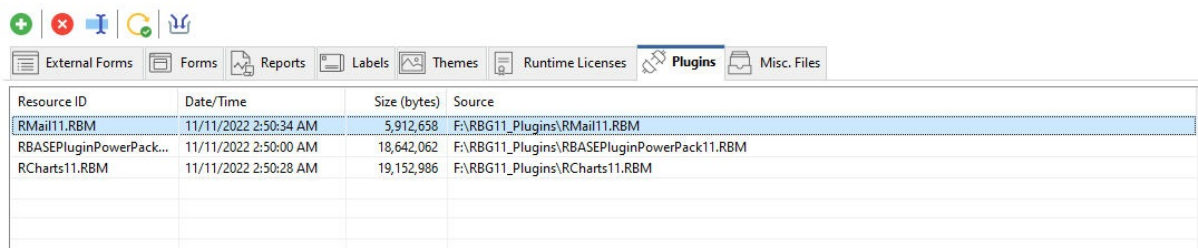
Button	Description
	Add Plugin ...
	Delete Resource(s)
	Rename Resource...
	Update Plugin
	Embed R:BASE Engine into Executable

Adding a Plugin to the list of resources can be performed by selecting the "Add Plugin" button on the Tool Bar. You will be prompted to locate the appropriate Plugin file with the .rbm file extension.

After a Plugin file is added as a resource, it will be assigned a "Resource ID". This ID consists of the Plugin file name.

If at any time a new Plugin is available, the Plugin can easily be updated within the R:Compiler project using the "Update Plugin" button. R:Compiler will assume that the stored location for the Plugin has not changed.

Deleting an existing resource from the list of resources can be performed by selecting the listed resource and pressing the "Delete Resource(s)" button.








Resource ID	Date/Time	Size (bytes)	Source
RMail11.RBM	11/11/2022 2:50:34 AM	5,912,658	F:\RBG11_Plugins\RMail11.RBM
RBASEPluginPowerPack...	11/11/2022 2:50:00 AM	18,642,062	F:\RBG11_Plugins\RBASEPluginPowerPack11.RBM
RCharts11.RBM	11/11/2022 2:50:28 AM	19,152,986	F:\RBG11_Plugins\RCharts11.RBM

3.1.6.8 Misc. Files

Several other miscellaneous files can also be included with the compiled executable, such as:

- R:BASE Command Files (.dat, .rmd, .cmd, .app, .eep, .vie, .pro, .frm, .rpt, .lbl, .str, .all, .lst, .tbl)
- R:Charts Files (.rbc)
- R:BASE Gateway Import/Export Specification Files (.rgw)
- R:Mail Editor Template Files (.rmt)
- R:BASE Application Files (.rba)
- Font Files (.tff)

Tool Bar

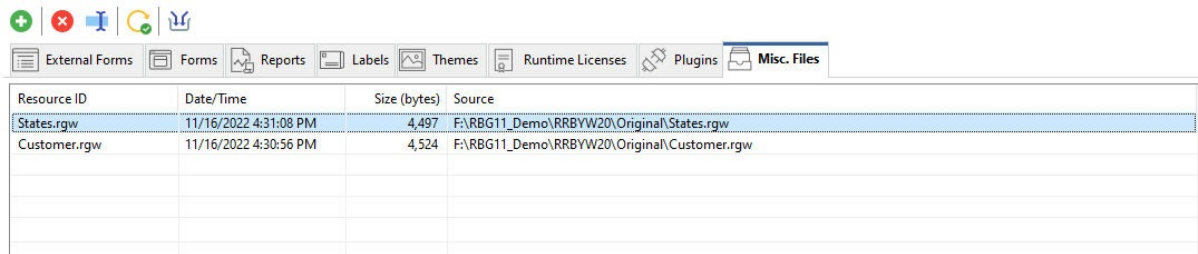
Button	Description
	Add Miscellaneous Files
	Delete Resource(s)
	Rename Resource...
	Update File
	Embed R:BASE Engine into Executable

Adding any of the above miscellaneous files to the list of resources can be performed by selecting the "Add Miscellaneous Files" button on the Tool Bar. You will be prompted to locate the appropriate file.

After a miscellaneous file is added as a resource, it will be assigned a "Resource ID". This ID consists of the file name.

If at any time a new miscellaneous file is available, the file can easily be updated within the R:Compiler project using the "Update File" button. R:Compiler will assume that the stored location for the file has not changed.

Deleting an existing file from the list of resources can be performed by selecting the listed resource and pressing the "Delete Resource(s)" button.



The screenshot shows the R:Compiler interface with the 'Misc. Files' tool bar active. Below the tool bar is a table listing resources:

Resource ID	Date/Time	Size (bytes)	Source
States.rgw	11/16/2022 4:31:08 PM	4,497	F:\RBG11_Demo\RRBYW20\Original\States.rgw
Customer.rgw	11/16/2022 4:30:56 PM	4,524	F:\RBG11_Demo\RRBYW20\Original\Customer.rgw

3.1.6.9 Embed R:BASE Engine into Executable

When the setting is enabled, the R:BASE Engine DLL is embedded into the compiled executable, which alleviates the responsibility to include the DLL in the final application folder. To insure the most current engine DLL is embedded into the executable, make sure the latest version is located in the R:Compiler for R:BASE program folder.

Be sure to refer to the [Tips](#) for using Database Resources.

3.1.6.10 Tips

The following will assist in your use of R:Compiler for R:BASE when using Database Resources like forms, reports, and labels:

- Multiple objects can be selected in the R:BASE Database Explorer to copy into your R:Compiler project. Use the [Shift+Arrow] keys or the [Ctrl] key with the left mouse button to select more than one object.
- Only [Ctrl+C] at the R:BASE Database Explorer can be used to send your R:BASE resources to the clipboard for R:Compiler to recognize the objects.
- Only one "type" of object can be added at a time. One or more forms must be added separately than when adding reports or labels.
- All listed resources can be cleared by using the "Clear Resources" button.
- After adding Forms/Reports/Labels as resources, make a backup copy of the database, delete those added resources from the database, and reload the database to decrease the overall size and improve network speed.
- When running a compiled executable where a specific resource resides in the executable AND the actual database files, the resource which resides in the executable will be recognized first.
- If a resource has been removed from the database, and needs replaced for editing, the item can be copied from the R:Compiler project to the Database Explorer. Use the "Copy to Clipboard" button in R:Compiler, and then [Ctrl+V] at the R:BASE Database Explorer window.
- When choosing to "Update" an external form file, Plugin, miscellaneous file, R:Compiler will assume that the stored location for the file has not changed.
- In addition to the Additional Resources toolbar, a speed menu is also available if with a right click.

3.2 Compiling Executables

When compiling an executable, each compilation can be saved as a project. This allows you to save the custom settings for future compilations, or to make slight changes, and create separate compilation projects; like expiring versions. Multiple projects can be used for different custom programs and different versions for those programs.

When compiling an executable, it is important that the versions of R:BASE and R:Compiler be the same. Also, the R:BASE and R:Compiler builds must exactly match in order to insure the products coincide with one another. A feature added in a new build of R:BASE may not be recognized in an older compiled executable, thus possible losing functionality in your custom program.

It is also important that a new custom executable be compiled after R:Compiler is updated with the same build as R:BASE. This insures that new product features and bug fixes will carry on to the custom program.

3.2.1 First Compile Project

1. The initial step in your first compilation is to locate and specify your R:BASE "startup file" that initializes the custom program. This can be an R:BASE application file, an external form file, or a command file. This startup file must be designated to connect to the R:BASE database in the beginning parameters, either through the CONNECT command or in the Application Designer settings.

From the "General Properties" tab, type in the path and file name of your application file, or choose the "Browse..." button to search your computer for the file.

After specifying the application file name, R:Compiler will automatically complete the path and executable name for the output file name. You can then edit this information or use it for your final output name.

2. Without selecting any other custom settings like using a different executable icon, adding file version information, or creating an expiring version of your application, you can immediately compile your application file. To compile the startup file, select the "Compile" button on the tool bar.
3. The compiled executable can now be tested. To do so, select the "Test" button on the tool bar.

After testing, the executable is ready for distribution. But, be sure to take advantage of the additional options that R:Compiler offers, like using a different executable icon, adding file version information, or creating an expiring version of your application.

Be sure to [save your R:Compiler project!](#)

3.2.2 Saving Projects

After making changes to an existing project or creating new projects, always save your work. R:Compiler project files are saved with the .rcp file extension.

To save any changes made to an existing project, select the "Save" button on the tool bar.

To save any changes made to an existing project as another project name, select the "Save As..." button on the tool bar.

3.2.3 Recompiling

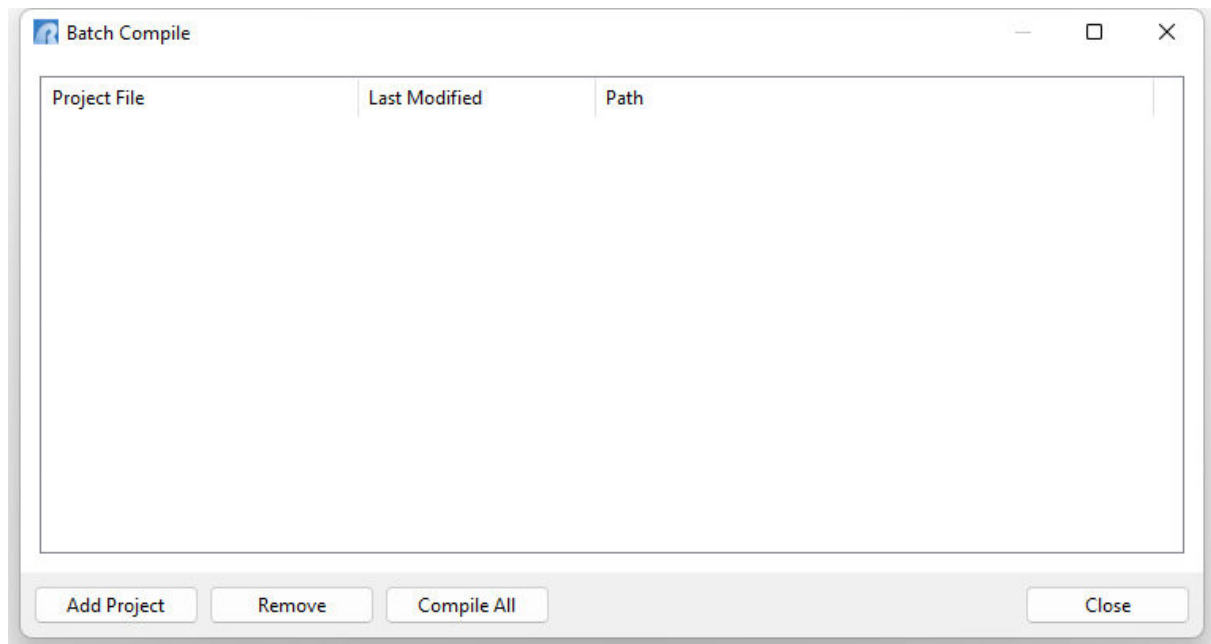
When recompiling an existing project, make sure to update the R:Compiler software to coincide with any R:BASE updates made since your last compilation. This will insure that the distributed executable and engine files are current. To access the R:Compiler updates, choose the Check button on the tool bar.

1. The first step to recompiling your executable is to open a saved R:Compiler project file (.rcp). R:Compiler projects can be loaded by selecting the "Load" button on the tool bar.
2. Confirm the loaded project. To compile the project, select the "Compile" button on the tool bar.
3. The compiled executable can now be tested. To do so, select the "Test" button on the tool bar.

After testing, the executable is ready for distribution.

3.2.4 Batch Compile

The Batch Compile supports the ability to add several R:Compiler projects, and to compile all at once.



Notes:

- The projects can be located in different folders.
- The project list is saved in the BATCHCOMPILE.DAT file located in the same folder as the R:Compiler executable.
- Message prompts, such as non-existing resources or prompts to overwrite destination executable, are not displayed. This is so the batch compile will run uninterrupted.
- A summary of compilation result is displayed after completion.

Part



4 Developing the Program

This section discusses how to use R:BASE for preparing a custom program for use with R:Compiler. A custom program has the following files:

- Database files
- Application files (may not be necessary if you store your code within the forms)
- Startup file for the application
- Customized application version of the R:BASE configuration file, RBENGINE11.CFG
- Online Help/Documentation

In addition, you may provide instructions to the user for starting your application.

4.1 R:BASE Modules Unsupported in Compiled Programs

R:Compiler executables contain the R:BASE commands needed to run an R:BASE application. However, to protect the integrity of the database structure and prevent users from leaving the provided custom program, the following R:BASE features are unavailable in the custom program:

- Database Explorer, with Menu Bar and Tool Bar
- Table, View, Stored Procedure, Form, Report, Label, External Form, and Application Designers
- Data Dictionary
- Query Builder/Wizard
- R> Prompt
- R:BASE Editor

The R:BASE commands that are unavailable in compiled programs are:

- CODELOCK
- DEFF
- FORMS
- HELP
- LIST
- LIST ACCESS
- QUERY
- QUIT
- RBAPP
- RBDEFINE
- RBEDIT
- RBLABELS
- REPORTS
- RULES
- SET (without a keyword)
- TRACE

4.2 Building the Database and Application Files

You must use R:BASE to develop the database and application files. It is important that the versions of R:BASE and R:Compiler be the same. For example, if you are going to use R:Compiler 11, your database and applications must have been created with R:BASE 11. Also, the R:BASE and R:Compiler builds must exactly match in order to insure the products coincide with one another. A feature added in a new build of R:BASE may not be recognized in an older compiled executable, thus possible losing functionality in your custom program.

It is also important that a new program executable be compiled after R:Compiler is updated with R:BASE. This insures that new product features and bug fixes will carry on to the custom program.

Use the following guidelines when creating your application:

- If you build your application files using a text editor, the application must not contain any R:BASE commands that are unavailable in R:Compiler. For the commands that are unavailable, see the list of [unavailable commands](#).
- Include an **EXIT** command at the end of the startup file.
- Your application must have adequate error checking routines to ensure proper processing.
- If an application nests more than six application files, use the **SET FILES** command to increase the number of application files that can be nested. Add this command to the startup file, placing it before the main menus are displayed.
- You can encode the application files you build using **CODELOCK**.
- You can password protect you forms and external form files (.rff) at Runtime mode.
- You can password protect your application file (.rba).

Before installing the database and custom program at an end user's site, test the program on your own computer.

4.3 Creating the Startup File

R:Compiler uses the startup file to determine which application to run or what database to connect to. If you have developed your application using the Application Designer, you can specify the application file (.rba) as your startup file. If you have developed your application using the External Form Designer, you can specify the external form file (.rff) as your startup file. Otherwise, you can create a startup file using the R:BASE Editor. A startup file can have any name and file extension, although R:BASE startup files usually have the .dat file extension.

After creating a startup file, test the startup file with the database and application.

The following are examples of startup files:

Examples:

Example 01:

```
--CONCOMP.DAT
--ConComp Application Startup file using a form as the menu system
IF(CVAL('DATABASE')) <> 'CONCOMP' OR (CVAL('DATABASE')) IS NULL THEN
    CONNECT CONCOMP IDENTIFIED BY NONE
ENDIF
CLS
EDIT USING MenuForm
EXIT
```

Example 02:

```
--CONCOMP.DAT
--ConComp Application Startup file using codelocked files as the menu system
RUN CONCOMP IN CONCOMP.APX
EXIT
```

Example 03:

-- Automates the process of CONNECTing to a database in a network environment with SET STATICDB ON, SET FASTLOCK ON, SET ROWLOCKS ON, and SET PAGELOCK OFF.

```
-- MyApp.DAT Startup Application File
-- Start Fresh
    CLEAR ALL VARIABLES
LABEL StartFresh
    DISCONNECT
    SET QUOTES=NULL
    SET QUOTES='
    SET DELIMIT=NULL
```

```
SET DELIMIT='','
SET LINEEND=NULL
SET LINEEND='^'
SET SEMI=';'
SET PLUS='+'
SET SINGLE=NULL
SET SINGLE='_'
SET MANY='%'
SET IDQUOTES=NULL
SET IDQUOTES='`'
SET CURRENCY '$' PREF 2 B
DISCONNECT
SET STATICDB ON
SET ROWLOCKS ON
SET FASTLOCK ON
SET PAGELock OFF
SET MESSAGES OFF
SET ERROR MESSAGES OFF
SET ERROR MESSAGE 2495 OFF
CONNECT dbname IDENTIFIED BY ownername
SET ERROR MESSAGE 2495 ON
SET MESSAGES ON
SET ERROR MESSAGES ON
-- Check the availability of database
IF SQLCODE = -7 THEN
  CLS
  PAUSE 2 USING 'Unable to Connect the Database.' +
  CAPTION ' Your Application Caption Here ...' +
  ICON WARNING +
  BUTTON 'Press any key to continue ...' +
  OPTION BACK_COLOR WHITE +
  |MESSAGE_FONT_NAME Tahoma +
  |MESSAGE_FONT_COLOR RED +
  |MESSAGE_FONT_SIZE 11
  CLOSEWINDOW
  EXIT
ENDIF
-- Enforce Database Default Settings
SET QUOTES='
SET DELIMIT='','
SET LINEEND='^'
SET SEMI=';'
SET PLUS='+'
SET SINGLE='_'
SET MANY='%'
SET IDQUOTES='`'
SET CURRENCY '$' PREF 2 B
SET NULL ''
SET DATE FORMAT MM/DD/YYYY
SET DATE SEQUENCE MMDYY
SET DATE YEAR 30
SET DATE CENTURY 19
CLS
EDIT USING ApplicationMainMenu
```

```

RETURN
-- End here ...

```

4.4 Customizing the Configuration File

The R:BASE configuration file sets the application environment. It includes commands for setting the temporary scratch directory, the multi-user switch, the name of the workstation, and more. Before you change a user's configuration file, make a backup copy of the file. Check your modifications carefully before saving the file, and test the edited file before you deliver the application to a user.

This section describes the various parts of the configuration file, RBENGINE11.CFG file, and explains how to customize the file for single and multi-user systems. After developing the R:BASE application, it is recommended that you use the same configuration file that was used throughout the development stage so the compiled application will behave exactly as your test environment.

A single-user system is a system where a user does not use the custom application on a network, or uses the custom application on a network but does not share database files with other users on the network. If a user will be sharing R:BASE program files and database files on a network, you must set the multi-user settings for a multi-user system. Multi-user features include the following:

- Access to database files by more than one user on a network
- Automatic concurrency control and locking
- Access to the following **SET** commands:

```

FASTLOCK
INTERVAL
LOCK
MULTI
NAME
QUALCOLS
REFRESH
ROWLOCKS
STATICDB
TIMEOUT
VERIFY
WAIT

```

The following table describes the settings that have to be set for a single or multi-user system in the configuration file.

Option	Description	Configuration Line Syntax
Multi-user switch	Turns R:BASE multi-user off or on. MULTI can be set in the configuration file or in an application.	MULTI OFF, for a single-user system MULTI ON, for a multi-user system
Name	Names the workstation in a multi-user system.	NAME username

Use the **TMP** parameter for your **SCRATCH** setting, insuring that the temporary files will be loaded on the end user's local temporary directory regardless of the operating system.

You can change the configuration file using the R:BASE Editor, or by using any ASCII text editor. The configuration file contains lines with semicolons as the first character, and lines with startup options. Insert lines beginning with a semicolon (;) to separate the file into sections or add comments. The changes you make will take effect the next time you start R:BASE or the custom application.

4.5 Online Help/Documentation

If you know how to create Windows help systems, you can create your own help system based upon your custom application.

4.6 Setting up the Custom Program

It is common to distribute and store all of the custom program files in the same directory, insuring your application will run correctly if it is ever moved. After compiling the executable, you need to install the database, any other application files, the configuration file, the engine file, and the compiled executable. The most current version of the engine files should be located in your R:Compiler program directory.

Another method to set up a custom program in a network environment is to store all of the custom program files locally and the database on a shared network drive. After compiling the executable, you need to install the application files, the configuration file, the engine file, and the compiled executable on the local computer. The database files alone would be stored on the network directory.

To continue the installation process using the first example above, complete the following tasks.

1. Determine where to create and install the database, compiled executable, and other program files.

Note: In a multi-user system, the database files should be located in a shared directory on the network server, not on a local drive.

2. Create the program directory.

3. Copy the database files, any external application files, and the compiled executable to the custom program directory.

Note: For multi-user systems only, provide users with network read, write, and create access rights. For more information about these access rights, refer to the documentation for your network.

4. Copy the customized configuration file, RBENGINE11.CFG, to the program directory.

5. Copy the engine file, RBENGINE11.DLL, from your R:Compiler program directory to the custom program directory. This is only required if you did NOT [embed the engine](#) file within the executable.

6. If you use R:BASE Themes, copy the RBThemes11.DLL from your R:BASE program directory to the custom program directory. This is only required if you did NOT [add your themes](#) to the executable.

7. Include the TabPrint.dll to support the WYSIWYG print module within the Data Browser. Copy the TabPrint.dll from your R:Compiler program directory to the custom program directory. The DLL is no longer embedded in the R:Compiler program to create smaller files and increase startup speeds. If the custom application does not require "Print Data" support within the Data Browser, you can leave the DLL out of the custom program directory.

8. If the application uses a form Web Browser control which utilizes MS Edge as the browser engine, rather than Internet Explorer, the following instructions must be followed:

- a) The [WebView2 Runtime](#) must be downloaded and installed. WebView2 Runtime is an Edge installation that is designed for embedding the engine in third party applications (R:BASE). It recommended to download the Evergreen Standalone Installer (x86 installer).
- b) The WebView2Loader.dll must be copied from R:Compiler program directory to the custom program directory, or placed in a folder that is in the operating system's PATH variable.

9. If you use R:BASE Plugins, copy the RBM files from your R:BASE program directory to the custom program directory.

10. Copy all other additional portions of the application like Help files, images, etc. to the custom program directory.

11. After installing and copying the files to the program directory, store the system disks containing the database, configuration file, engine files, compiled executable, and all other important files in a safe place and/or make the appropriate backups

The following example lists the files for a custom program directory:

- YourCompiledExecutable.EXE
- RBENGINE11.DLL

- Four database files (.RX1-.RX4)
- RBENGINE11.CFG
- TabPrint.dll
- Other application files that require to be stored externally
- Custom help file(s), if defined for your application
- Images, moving GIFs, etc., if referenced in your PAUSE/DIALOG commands

Part



5 Customizing the End User's Computer

Setting the Properties of the Desktop Shortcut

Use the following steps to set up the compiled executable desktop icon, so the program automatically runs when the desktop icon is double clicked with the mouse. To create and set up the properties of the desktop shortcut:

1. Navigate to the custom program directory, locate and highlight the compiled executable in the directory.
2. Right click on the file, choose "Send To..." > "Desktop (create shortcut)".
3. Close the window and view the operating system desktop. The shortcut is now displayed.
4. Right click on the new desktop shortcut and select "Properties", and view the "Shortcut" tab.
5. Verify the "Target:" path and executable which should display the actual path of application directory followed by the compiled executable.
6. At the end of the executable name, add a space and then add a hyphen and the letter a: "-a".

The `-a` option tells compiled executable to look in the program directory for the engine and configuration files. Be sure to add the `-a` parameter at the end of the "Target:" field value and separate the two with a space.
7. Click the "Apply" button.
8. Next, select the "General" tab and edit the top field to match your custom program name.
9. Click the "OK" button.

When you double click on the desktop icon, the application should automatically run.

Part



6 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



7 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>

Part



8 Feedback

Suggestions and Enhancement Requests:

From time to time, everyone comes up with an idea for something they'd like a software product 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 an ideal 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 message displayed
- The operating system 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.

Index

- . -

.all 32
.app 32
.cmd 32
.dat 21, 32, 38
.eep 32
.exe 21
.frm 32
.ico 23
.kskn 25, 29
.lbl 32
.lst 32
.mskn 25, 29
.msstyles 25, 29
.rba 21, 37, 38
.rbc 25, 32
.rbm 31
.rcp 34
.rff 21, 25, 37, 38
.rgw 25, 32
.rmd 21, 32
.rmt 25, 32
.rpt 32
.str 32
.tbl 32
.theme 25, 29
.uskn 25, 29
.vie 32
.xskn 25, 29

- A -

activate 14
Activation Key 17
administrator 14
application directory 41
application guide lines 37
application setup 41
ASCII 40

- B -

batch 35
build 23

- C -

CODELOCK 37
command line 21
commands 37
comment 23
company name 23
compile 33, 35
compile project 34
compiling executables 33
compress 21
configuration file 20, 40, 41
copyright 7, 23

- D -

deactivation 17
demo version 21
desktop icon 44
DLL 32, 33
documentation 40

- E -

editor 21
engine 32
engine file 25, 41
error checking 37
executable icon 23
EXIT 37
expiration date 21
expire 21
external form files 25

- F -

FASTLOCK 40
feedback 50
forms 25, 26

- G -

Gateway specification file 25

- H -

help 40

- I -

icon 23
install 15
internal name 23
INTERVAL 40
introduction 6

- K -

key, activation 14
key, license 14

- L -

labels 25, 28
legal name 23
Library 29
license 7, 14
License Key 17, 30
license transfer 17
load project 34
load window 21
LOADWINDOW 21
LOCK 40

- M -

memory allocation 33
Misc. Files 32
miscellaneous files 32
MULTI 40
multi-user 40

- N -

NAME 40
native 21

- O -

output 21

- P -

parameter 21
password protection 37
permission 14
plugin 25, 31
processor 33
product name 23
product version 23
project 33
PROPERTY 21

- Q -

QUALCOLS 40

- R -

R:BASE Editor template file 25
R:BASE modules 37
R:Charts chart file 25
RBThemes9.dll 29
recompile 34
REFRESH 40
registration number 14
release 23
reports 25, 27
Resource DLL 33
resources 25, 26, 27, 28, 29, 30, 33
ROWLOCKS 40
runtime directory 41
Runtime Licenses 30

- S -

sample startup file 38

save project 34
SCRATCH 40
SET 40
SET FILES 37
settings 21
shortcut 44
skin 21
startup file 21
STATICDB 40
stratup file 38
support 12, 14
system requirements 14

- T -

Target 44
test executable 33, 34
Theme 21, 29
Themes 25, 41
TIMEOUT 40
tips 33
tool bar 20
trademarks 23

- U -

UAC 14
uncompress 21
uninstall 17
unload external form 25
unsupported 37
update external form file 25
update file 32
update plugin 31
update resources 21
User Access Control 14
user interface 20

- V -

VERIFY 40
version 23
version information 23

- W -

WAIT 40

Back Cover