

109 Reasons to Upgrade to R:BASE eXtreme 9.1



Reliability, Adaptability, Compatibility, Productivity,
Security and Performance!

R:BASE Technologies, Inc.



109 Reasons to Upgrade to R:BASE eXtreme 9.1

by R:BASE Technologies, Inc.

Welcome to R:BASE eXtreme 9.1!

R:BASE eXtreme 9.1 for Windows is a completely new relational database development environment that has been amplified to provide the latest menu-driven features to database professionals. With the R:BASE engine established as the foundation of stability, the program interface and designers have been enhanced to fully exhibit the highest quality of development usability.

The "eXtreme" in the product's name signifies the cutting-edge development interface incorporated into the R:BASE program making database and application development more productive.

109 Reasons To Upgrade To R:BASE eXtreme 9.1

Copyright © 1982-2012 R:BASE Technologies, Inc.

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®, R:BASE C/S:I®, RBAAdmin®, R:Scope®, R:WEB Suite®, R:Mail®, R:Charts®, R:Spell Checker®, R:Docs®, R:BASE Editor®, R:Scheduler®, R:BASE Plugin Power Pack®, R:Style®, R:Code®, R:Struc®, RBZip®, R:Fax®, R:QBDataDirect®, R:QBSynchronizer®, R:QBDBExtractor®, R:Mail Editor®, R:Linux®, R:BASE Dependency Viewer®, R:Archive®, R:Chat®, RDCC Client®, R:Mail Editor®, R:Code®, R:Column Analyzer®, R:DF Form Filler®, R:FTPClient®, R:SFTPClient®, RBMap®, R:GeoCoder®, R:PDF Form Filler®, R:PDFWorks®, R:PDFMerge®, R:PDFSearch®, RBInstaller®, RBUpdater®, R:Capture®, R:RemoteControl®, R:Synchronizer®, R:Biometric®, R:CAD Viewer®, R:Twain2PDF®, R:Tango®, R:SureShip®, R:BASE Total Backup®, R:Scribbler®, R:SmartSig®, R:JobTrack®, R:TimeTrack®, R:Syntax®, R:WatchDog®, R:Manufacturing®, R:Merge®, R:Documenter®, R:Magellan®, R:WEB Reports®, R:WEB Gateway®, R:ReadyRoute®, R:Accounting®, R>Contact®, R:DWF Viewer®, R:Java®, R:PHP® 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 7, Vista, Windows Server 2003-2008, XP, and Windows 2000 are registered trademarks of Microsoft Corporation.

Printed: May 2012 in Murrysville, PA

First Edition

1 109 Reasons to Upgrade to R:BASE eXtreme 9.1

1. Completely overhauled front end development interface providing elevated productivity
2. Streamlined R:BASE Engine based on Turbo V-8 core functionality
3. Single Engine DLL with built-in File I/O efficiency
4. Fifty-one new Themes added totaling **"86"** Themes (Old = 35, New = 51)
5. Support to load external themes into an R:BASE session
6. Enhanced Main Toolbar for complete management of Tables, Views, File Gateway, Forms, Reports, Labels, External Forms and Applications
7. Six Additional PRINT output options: DIF, PNG, SVG, SYLK, WB1, WK1
8. New BSTR (binary string) data type (R:BASE eXtreme 9.1 (64) only!)
9. Enhanced MS Windows XP/Vista Theme-Aware User Interface
10. Rewritten User Privileges interface to allow fast and simplified GRANT/REVOKE permissions to tables
11. Multilateral feature amplification of every Form Designer control
12. Integrated Object Inspector Toolbar for "under the hood" manipulation of form/report/label objects
13. Universal color palette with over 180 options
14. Enhanced R:BASE Blob Editor, with image annotation and Unicode/binary string support
15. New Advanced Rich Text graphic user interface
16. Support for **"40"** additional image file formats
17. Ability to search for text in Custom EEPs within Forms, Reports, Labels, External Forms, and Applications
18. Ability to search for text in within Form, Report, Label, and External Form control properties
19. Ability to search for text within defined Form, Report, and Label variable expressions
20. DB Image control can be used to capture images from any Windows camera, to save the data into a table
21. Enhanced Watch Variable functionality
22. Enhanced portability for PDF report output
23. New "Roll-Up" setting to allow collapsible forms, which rolls the form up into the caption bar
24. Additional "On Roll Up" and "On Roll Down" Form Property EEP options
25. New "Enhanced DB Grid" Form Control
26. New "System Variable" Form Control
27. New "Enhanced DB Navigator" Form Control
28. New "Advanced DB Rich Edit" Form Control for additional rich text formatting support
29. Enhanced Error Message display with new "Help" and "Copy" buttons
30. The GATEWAY IMPORT option to support Microsoft XLSX format
31. Improved Structure Toolbar to include PRINT, LBLPRINT, EDIT, ENTER, BROWSE, INSERT, DELETE, PROJECT, CHOOSE, DIALOG, PAUSE, FILLIN, DECLARE, and APPEND
32. New SLOCI function to return the number of instances a string appears in a TEXT, NOTE, or VARCHAR value
33. New PROPERTY command parameters for the Tab Set Form Control
34. Increased speed with data export to the XLSW format
35. The Unicode Label control can also be used to place a static binary string text object
36. The Unicode Static Text control can also be used to place a static text object which can contain binary string data
37. Enhanced UNLOAD table sequence dependency, when rebuilding a database from separate structure and data output
38. Enhanced Data Dictionary [F3] to display "Colors"
39. Display of an index's Duplicate and Adjacency Factors to help determine efficiency
40. Support to add external content (Text, Rich Text, Images) directly into the Form/Report/Label Designer from the Windows clipboard
41. New "Link Label" Form Control to add HTML support to a text label
42. Added RBTI FEEDBACK System Variables RBTI_RowsInserted, RBTI_RowsDeleted, RBTI_RowsUpdated, RBTI_ElapsedTime
43. Enhanced **TURBO** command for improved security for database conversions
44. New "Triggers" interface to execute stored procedures upon table events
45. Enhanced "Find in Files" keyword search utility
46. New "R:Choose Builder Plugin" to create command syntax for the CHOOSE command
47. Updated WHERE Builder with extra GROUP BY and extended statement support
48. Enhanced **MDI** support when running forms and previewing reports
49. Enhanced Print Preview window for report/label screen output
50. Database Explorer functionality to cut, copy and paste (using [Ctrl]+[X], [Ctrl]+[C] and [Ctrl]+[V]) External Form Files, Command Files, and Application files into Windows Explorer windows
51. Added "Load/Unload" options added to the Group Bar for Forms, Reports, and Labels
52. Added "Compress/Uncompress" options added to the Group Bar for Forms

53. Added "Change Form(s) Theme" option added to the Group Bar for Forms
54. Support for drag-and-drop "unload capabilities" from Database Explorer objects (forms, reports, labels, tables, views, and stored procedures) to Windows Explorer windows
55. Ability to search for text within Stored Procedures from the Group Bar
56. Enhanced Query Builder support to for **SELECT ... UNION** SQL syntax
57. Enhanced Query Builder support to for **SELECT ... JOIN** SQL syntax
58. Enhanced Report Breaks to support ascending and descending sorting
59. New Unicode Memo Report/Label controls to support the display of binary string data (R:BASE eXtreme 9.1 (64) only!)
60. New 2D Barcode/DB 2D Barcode controls to support PDF417 and MaxiCode bar codes
61. New Advanced Rich Text Report/Label controls (for Standard, DB, and Variables) for extended Rich Text property display
62. Enhanced Help documentation with vastly improved internal reference linking, glossary, and Reference Topics
63. Extended Property Bar providing the "Favorite Folders", "Show in Group", and "Grid Lines" features
64. Enhanced legacy object conversion to support multiple forms, reports, or labels
65. Added Database Explorer "Date/Time" column for Forms, Reports, and Labels (R:BASE eXtreme 9.1 (64) only!)
66. Multi-Select is available for all Database Explorer objects
67. Added Database Explorer "Version" column for Forms, Reports, and Labels (R:BASE eXtreme 9.1 (64) only!)
68. Increased user friendliness for the Data Designer column definition layout
69. Enhanced Data Browser "Layout" functionality to save the for column order
70. New DB Unicode Memo Form Control (R:BASE eXtreme 9.1 (64) only!)
71. Additional Data Browser right click speed menu "Calculate" option for Compute, Tally, and Duplicates
72. New dynamic description display panel for Data Designer Column definitions
73. Enhanced Data Designer display for keys and indexes, based on type of key or index
74. Cool Magnifying Glass utility to produce an enhanced view of the R:BASE window
75. A new "MERGE_DATA" option is supported for the GATEWAY EXPORT command when sending data to CSV, TAB, DB, DBF, and fixed length ASCII file formats. If ON, the exported data will be added to the specified file, if exists.
76. Additional **CHOOSE** command single selection recognition parameters
77. New **PRINT** command **PAGE_STYLE_SETTINGS** parameter, to control the pages that a Page Style will appear on
78. Additional Import Wizard option to create the new table as **TEMPORARY**
79. New Print Data options for Query Builder and Query Wizard to include: Printer, Text File, PDF File, and Clipboard
80. Browsing query results for the Query Builder and Query Wizard is displayed in the Data Browser
81. Ten additional Report/Label System Variable options
82. Enhanced Object List Toolbar to remember your location after editing properties
83. Addition of X and Y axis rulers, in screen pixel measurements in the Form Designer
84. Additional **COLUMN_COUNT** parameter to define the exact number of columns to be loaded while importing data from a file
85. New R:BASE Editor "Spell Check" utility
86. New R:BASE Editor "Thesaurus" utility
87. New R:BASE Editor "Compare by Content" Toolbar to compare the text within two files
88. Editable and customizable R:BASE Editor "Syntax Schemes" for multiple programming languages
89. New R:BASE Editor "Character Map" toolbar
90. Increased speed for the R> Prompt Output console
91. Enhanced R> Prompt Command History panel
92. Enhanced Report/Label Edit Toolbar to show current state for the selected control
93. Enhanced Expression Builder to change the "Calculate On" value for multiple variables
94. Ability to preview images as a hint within the Data Browser, when the cursor hovers over the table cell.
95. Enhanced Error List Trace Debugger Toolbar to support jumping directly to the line where an error occurs
96. A New Form Behavior tab supporting animation, shadowing, and gravitation in Application files
97. Buttons for "Copy" and "Paste" have been added to the Expression Builders for the Form, Report, and Label modules, to allow users to copy and paste selected or all variables. Variables can now be easily moved from form to form, and report to report
98. PROPERTY command parameters have been added to capture the Enhanced DB Grid Band List count and values, along with the ability to edit the caption and font properties
99. Data Browser support for AutoScroll to easily scroll up and down table data
100. New "Save Layout" button in the Data Browser

- 101. Added file "Properties" option for External Forms, Applications, and Command Files
- 102. Enhanced NOTE/VARCHAR/BLOB display with the integrated "R:BASE BLOB Editor" within the Data Browser
- 103. Enhanced DB Image control to receive an image by direct paste [Ctrl + V], to load the image
- 104. Enhanced functionality to "Copy the SQL statement to the clipboard" for all Form Controls with Table Lookups
- 105. New command line parameters are available to specify text header and footer values for XLS GATEWAY exports
- 106. The GETDATE Function supports the ability to specify a custom enhanced calendar, and to display themes.
- 107. New setting to add a WHERE Clause, change the browse mode, and use an MDI window when opening any table/view
- 108. Added "Temporary Table/View" check box option when copying a table or view
- 109. Support to copy/paste Custom Form Actions from one form to another