

# 95 Reasons to Upgrade to R:BASE eXtreme



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

R:BASE Technologies, Inc.



## 95 Reasons to Upgrade to R:BASE eXtreme

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*by R:BASE Technologies, Inc.*

*Welcome to R:BASE eXtreme!*

*This document details the 95 most popular and powerful enhancements added to R:BASE eXtreme, covering versions 9.0, 9.1, and 9.5.*

*R:BASE eXtreme for Windows is a 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.*

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First Edition

# 1 95 Reasons to Upgrade to R:BASE eXtreme

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. Included Themes, with support to load external themes
5. Ability to search for text in Custom EEPs, control properties, and variable expressions
6. Integrated Object Inspector Toolbar for "under the hood" manipulation of form/report/label objects
7. Universal color palette with over **180** options
8. Enhanced R:BASE BLOB Editor, with image annotation and Unicode/binary string support
9. New Advanced Rich Text graphic user interface
10. Support for "**40**" additional image file formats
11. Additional **GUID** Data Type - (R:BASE eXtreme 9.5 (64) only)
12. Report/Label PDF Form Controls to create fillable PDF documents
13. Enhanced DOS to Windows Conversion for Forms, Reports, and Labels
14. Ability to convert R:BASE Windows and DOS legacy application file (.APP/.API) to an External Form File
15. Ability to convert R:BASE Windows application file (.RBA) to an External Form File
16. Support for Integrated Windows Authentication (IWA)
17. Support for Nested INNER JOINS and OUTER JOINS
18. New "Time Picker" Form Controls
19. New "Enhanced Calendar" Form Controls
20. New "Collapse Panel" Form Control
21. New DB Spinner and Variable Spinner Form Controls
22. New Toolbar Designer to create a custom toolbar for forms
23. New Popup Menu Designer to create a menu for the Toolbar Designer
24. New Image List Editor to store images that can be accessed from the Menu Bar Designer, Popup Menu Designer, Toolbar Designer, and in Custom Form Actions
25. Form Designer Consolidated Control Palette to combine the toolbars
26. Context Help for Form, Report, and Label Designers
27. Single Click Form Object Conversions
28. New GUI Interface for Database Events
29. Load Defaults option for Configuration Settings
30. Tree View Search Functionality
31. Support to Copy/Paste Pop-up Menu Properties
32. New Unload Server Table Structure Option
33. new Unload dBASE Table Structure Option
34. New "Copy Database to..." option at the database Explorer
35. Favorites Toolbar for Form/Report/Label Designers
36. New Margins Setting for Form Controls
37. New Variable Form to External Form Conversion
38. New R:BASE On-Screen Keyboard (**ROSK**)
39. New **RNDDOWN** Function
40. Alpha channel support in Drop Down Menu Buttons and Bit Buttons
41. OS Operations Support with the **LAUNCH** command
42. Additional PRINT output options: DIF, PNG, SVG, SYLK, WB1, WK1
43. New **BSTR** (binary string) data type (R:BASE eXtreme 9.1/9.5 (64) only!)
44. Enhanced MS Windows XP/Vista Theme-Aware User Interface
45. Rewritten User Privileges interface to allow fast and simplified GRANT/REVOKE permissions to tables
46. DB Image control can be used to capture images from any Windows camera, to save the data into a table
47. Enhanced portability for PDF report output
48. New "Roll-Up" setting to allow collapsible forms, which rolls the form up into the caption bar
49. New "Enhanced DB Grid" Form Control
50. New "System Variable" Form Control
51. New "Enhanced DB Navigator" Form Control
52. New "Advanced DB Rich Edit" Form Control for additional rich text formatting support
53. Balloon Tip support for DB Edit and Variable Edit fields
54. Cue Banner support for DB Edit and Variable Edit fields
55. Enhanced Error Message display with new "Help" and "Copy" buttons
56. Improved Structure Toolbar to include more keywords
57. New **SLOCI** function to return the number of instances a string appears in a TEXT, NOTE, or VARCHAR value
58. New PROPERTY command parameters for the Tab Set Form Control

59. New Unicode Static Text control to place a static text object which can contain binary string data
60. Enhanced UNLOAD table sequence dependency, when rebuilding a database from separate structure and data output
61. Enhanced Data Dictionary [F3] to display "Colors"
62. New DB Unicode Memo Form Control (R:BASE eXtreme 9.1/9.5 (64) only!)
63. Display of an index's Duplicate and Adjacency Factors to help determine efficiency
64. Support to add external content (Text, Rich Text, Images) directly into the Form/Report/Label Designer from the Windows clipboard
65. New "Link Label" Form Control to add HTML support to a text label
66. Added RBTI FEEDBACK System Variables RBTI\_RowsInserted, RBTI\_RowsDeleted, RBTI\_RowsUpdated, RBTI\_ElapsedTime
67. Enhanced **TURBO** command for improved security for database conversions
68. New "Triggers" interface to execute stored procedures upon table events
69. Enhanced "Find in Files" keyword search utility
70. New "R:Choose Builder Plugin" to create command syntax for the CHOOSE command
71. Enhanced **MDI** support when running forms and previewing reports
72. 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
73. Added "Load/Unload" options added to the Group Bar for Forms, Reports, and Labels
74. Enhanced Query Builder support to for **SELECT ... UNION** SQL syntax
75. Enhanced Query Builder support to for **SELECT ... JOIN** SQL syntax
76. Enhanced Report Breaks to support ascending and descending sorting
77. New Unicode Memo Report/Label controls to support the display of binary string data (R:BASE eXtreme 9.1/9.5 (64) only!)
78. New Advanced Rich Text Report/Label controls (for Standard, DB, and Variables) for extended Rich Text property display
79. Enhanced legacy object conversion to support multiple forms, reports, or labels
80. Added Database Explorer "Date/Time" column for Forms, Reports, and Labels (R:BASE eXtreme 9.1/9.5 (64) only!)
81. Added Database Explorer "Version" column for Forms, Reports, and Labels (R:BASE eXtreme 9.1/9.5 (64) only!)
82. Enhanced Data Browser "Layout" functionality to save the for column order
83. Additional Data Browser right click speed menu "Calculate" option for Compute, Tally, and Duplicates
84. Enhanced Data Designer display for keys and indexes, based on type of key or index
85. Cool Magnifying Glass utility to produce an enhanced view of the R:BASE window
86. Additional **CHOOSE** command single selection recognition parameters
87. A new RBTI System Variable, RBTI\_IMG\_FOLDER, is now supported to define a valid folder path where all "Open Image" dialogs will initially start
88. Ten additional Report/Label System Variable options
89. Editable and customizable R:BASE Editor "Syntax Schemes" for multiple programming languages
90. Enhanced R> Prompt Command History panel
91. Ability to preview images as a hint within the Data Browser, when the cursor hovers over the table cell
92. Enhanced Error List Trace Debugger Toolbar to support jumping directly to the line where an error occurs
93. 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
94. Support to copy/paste Custom Form Actions from one form to another
95. Option to Display Column Comments As Hints in the WHERE Builder and Expression Builder