

**R:BASE X.5**  
and  
**R:BASE X.5 Enterprise**  
(Version 10.5)

**Feature Highlights**





## **R:BASE X.5 and R:BASE X.5 Enterprise (Version 10.5) Feature Highlights**

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*by R:BASE Technologies, Inc.*

*Welcome to R:BASE X.5 (Version 10.5)!*

*R:BASE X.5 (Version 10.5) is the innovative release from R:BASE Technologies offering the latest relational database elements to create function-rich and visually appealing applications.*

*The must-have powerful and flexible features give users an extended range of dashboard controls encompassing simplicity without sacrificing elegance.*

*Providing crucial data protection, that is also reliable and secure, R:BASE X.5 delivers a versatile environment for building robust systems for real time data analysis and essential business management.*

# R:BASE X.5 (Version 10.5) - Feature Highlights

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First Edition

## 1 R:BASE X.5 Highlights

1. Updated user interface to better match the appearance of Windows 10 operating systems
2. New **DB Tree Grid** form control to display an expandable tree structure within a grid
3. New **DB Task Tracker** form control to display a table-driven task and scheduling module
4. New **Split View** form control offering a collection of user interface clickable items which expand when the mouse cursor hovers over the list
5. New Tree Grid support in the Data Browser, enabling an extremely powerful data viewing and manipulation inside applications
6. New Report Wizard styles added, with enhanced color schemes and fonts, with various professional and corporate options
7. New **DB Tree List** form control providing a list of data organized into a tree structure to display table data
8. New **DB Card View** form control which uses a card layout format to display table data
9. New **DB Vertical Grid** form control that displays and edits table data as an inverted grid, with data fields represented as row headers and data records as columns
10. New **DB Pivot Grid** form control is a grid element displaying table data which offers end-users the ability to adjust the display and evaluate the information
11. New **DB Gauge** and **Variable Gauge** form controls to graphically display table data
12. Added password encryption for Excel spreadsheet and workbook reports generated with the **PRINT** command (XLS, XLS2003, XLSX)
13. Enhanced **PROJECT** command allowing for a table to be projected directly from a SELECT statement
14. Enhanced "History" tab for forms, reports, and labels where the entire object is backed up, rather than just code
15. Added Code Template Editor in the R:BASE Editor for programmers to easily load frequently used code fragments
16. Added friendly naming conventions for Trace Debugger tabs to identify the module and/or source from where the code is located
17. New **FSTATUS** function to check if a file or folder exists, and also returns the file status
18. New **LARG** and **LEAD** analytic functions for SELECT statements
19. Enhanced Report Wizard with option to include field comments as captions
20. Enhanced **ALTER/CREATE TABLE** commands to duplicate the definition of a column that already exists in another table
21. Enhanced **AUTOCHK** command to check database indexes
22. New Live Variables toolbar within the Trace Debugger which automatically populates with defined variables
23. New **ENCRYPT** and **DECRYPT** functions supporting data encryption, adding further security for sensitive data
24. New capability to specify a WHERE Clause with the **DELETE DUPLICATES** command
25. Added Find Text in Preview feature to search the Report Preview screen
26. New Scrapbook Utility for the Form/Report/Label Designers, which acts as repository for created and commonly used objects
27. New **DB** and **Variable Date and Time Edit** form controls to alter DATETIME and DATE values, offering both calendar and clock objects
28. Added Trace Debugger panel to view variables with many characters
29. New **Tile Menu** form control offering a tile (colored rectangles or squares) interface to create a collection of clickable items that invoke commands
30. Added right-click "Filter" option to minimize the Data Browser results "using" or "excluding" the selected value in a selected cell
31. New multi-view support in the R:BASE Editor with dual command files visible simultaneously
32. Ability to utilize the Magnifying Glass utility as detached from R:BASE
33. Added "Open Table As" option to view a table as a Grid, Row, or Tree Grid. Under views, "Open View As" is also available.
34. Added "Attach USING" option to assign the QualKey columns when attaching a foreign data source table
35. Added GetLockType parameter to the **GETVAL** function, to capture the type of table lock
36. Enhanced **DIALOG** command to support launching of the R:BASE On-Screen Keyboard (ROSK)

37. Enhanced Query Wizard allowing for multiple instances of a single table, for building self-referential constructs
38. Added **CODELOCK** 6 option to codelock an entire source folder into individual locked files, by file extension
39. New **DB OrgChart** form control for the display and editing of hierarchical tree data structures from table data
40. Default file name (PDF, TXT, etc.) provided when documenting Custom EEPs
41. New **Layout Manager** form control to build a comprehensive layout on a form, and maintain a consistent layout structure
42. Enhanced **DIALOG** command supporting custom heights for the [OK/Cancel] and [Yes/No] buttons
43. Enhanced **GATEWAY** command for spreadsheet export processes to pass name and formula values to the Excel Name Manager
44. Added R:BASE Editor **Clipboard History** toolbar to track clipboard operations
45. Added search history support for the Database Explorer, R> Prompt Output, Data Dictionary search utilities
46. Enhanced **SATTACH** command to allow a WHERE clause to be specified
47. New File Gateway Load From File button to load a specification file not in the current folder
48. Added **ExtForm** Plugin to capture the version of an external form file
49. Updated Database Explorer sidebar, with active tabs made more prominent
50. Enhanced **UNLOAD** STRUCTURE/DATA parameters for improved partial database unloading
51. New **SPEECH** parameter for the **PROPERTY** command offering speech functionality to speak specified text
52. Enhanced **GATEWAY IMPORT** command syntax and parameters to support Append/Update import processes
53. Updated Database Properties utility for all database version flags
54. New functionality to Lock/Unlock report and label objects within the Report/Label Designer
55. New **TRANSLATE** function which replaces a sequence of characters in a string with another set of characters
56. Improved confirmation for "all row" table deletions
57. Added "Invoice" tab to the Report Wizard to assist in the generation of proficient invoice documents
58. New TimeZone plugin to determine the time zone and daylight saving time settings
59. Added ability to disable/enable specific keys on the R:BASE On-Screen Keyboard
60. Added parameters to the **GETDATE** function to alter the calendar and button fonts
61. Enhanced R> Prompt Favorite Commands panel with support for multiple command lists/tabs
62. New **GETPROPERTY** command parameters to detect the network connection type
63. Enhanced Import/Export Wizard where the loaded Specification File is displayed
64. Support for automatic text content scrolling in memo and rich edit form controls
65. Support for dynamic properties in Web Browser controls to allow manipulation of HTML controls in EEPs
66. New **PROPERTY** command parameters to simulate a mouse double click and mouse right click
67. New Data Browser option to display field comments as a separate column in Row View mode
68. Updated Error Message Help utility for the Error Messages, Areas, and Possible Reasons
69. Added week-based navigation method to the DB Task Tracker settings and Date Navigator area
70. Enhanced Command Builder within the R:BASE Editor providing a list of command and function templates
71. Enhanced **LIST** command to custom the results for forms, reports, and labels with wildcard and sorting support of the output
72. Added hour glass cursor setting for Enhanced DB Grid controls when filtering records
73. Enhanced **PROPERTY** COPYTOCLIPBOARD parameter to support rich text data, and added option to copy only highlighted text
74. Implemented global setting that affects all controls' Pop-up Menu location
75. Added **PROPERTY** command SCALEBY parameter to fill the screen when scaling forms
76. Enhanced R> Prompt Command Builder providing a list of command and function templates
77. Added Database Explorer setting to toggle sending deleted files to the Recycle Bin

78. Added ability to display the Configuration Settings within the Trace Debugger to review and alter the current settings
79. Enhanced **PRINT** and **LBPRI** command support to "append" output to an existing file for rich text and report emulated text files
80. New Data Browser Settings allowing management of saved layouts, with review of layout attributes
81. Enhanced **BROWSE/EDIT** command parameters to specify the default view of the Data Browser windows (Tree Grid, Grid, Row)
82. The File Gateway Import capabilities have been enhanced to support the .accdb format for MS Access files
83. Added Popup Menu support for form Tree View and DB Tree View controls, to offer a right click popup menu to run procedures
84. Updated **LIST TABLE** and **LIST COLUMNS** commands including the next autonumber and increment values
85. Enhanced Character Map toolbar to view fonts and extended characters more easily
86. Support to **ATTACH** dBASE files when STATICDB, read-only database schema, is enabled
87. Enhanced Form Wizard with increased field widths and added help reference
88. Enhanced Data Dictionary with displayed ascending/descending order for indexes
89. Added Display Format, Input Format Mask, and Character Case options to the Enhanced DB Grid columns properties
90. Added drag/drop support for the DB Tree List control
91. Support to specify the root node path with JSON imports
92. Customized fonts supported for calendar/clock popup menus with the DIALOG command
93. New workbook export generation control, to specify whether R:BASE or Excel will be used to generate the output
94. Enhanced R> Prompt Command History option to display the date/time stamp to reference when the command was executed
95. Enhanced "Existing" tab of the Object List toolbar displays the Component ID with object names
96. New Unicode setting for Advanced Rich Text labels to display Unicode characters in rich text
97. Added Insert menu bar to the R:BASE Editor when launching Custom EEPs; to insert the date, time, a GUID, commands, or a file
98. Pixel coordinate display when resizing form objects with the mouse
99. Enhanced **FEEDBACK** setting with status information displayed for the **UNLOAD** command
100. New PDF Controls Tab Order menu in the Report Designer to specify the tab order for PDF output
101. Added "Apply" button to the Configuration Settings dialog
102. The Data Browser Layouts have been enhanced to apply display formats to numeric, date, and time values
103. Enhanced **Tab Set** control with new properties and an added EEP to make it possible for access to a tab to be prevented
104. Added table and column descriptions to field lists within property editors and table listing dialogs, to assist when placing database driven fields
105. New support to specify the browser engine (Internet Explorer/Edge) for Web Browser controls
106. Automatic zebra stripe coloring added for the Detail band dataset in reports created within the new Report Wizard styles
107. Enhanced dialog when running forms and printing reports/labels at the Database Explorer, where a "WHERE History" button is now displayed
108. New PNG image support for the Tree View and DB Tree View controls
109. New **PROPERTY** command parameter for reports/label, to auto-rotate images using EXIF file information
110. Added sub-directory support within the File List Box control to traverse folders
111. Enhanced Report Wizard with improved screen prompts and added help reference
112. Support to return a comma delimited string of the selected files for the File List Box control
113. Enhanced DB Tree List property editor including an additional "Band" column
114. New custom hint properties for hint type, message width, and Modern hint color options
115. Added "Fixed Columns" menu option for Enhanced DB Grids to specify the number of locked columns

116. Enhanced pop-up menu behavior, where the current value is assigned the default selection
117. Added setting to control the "keep alive" logic to limit situations when the OS tags R:BASE applications as "Not Responding"
118. Added CHOOSE command parameters to customize the button color, height, width, and text
119. Added R:Style setting to "not" check for a RETURN at the end of the command file
120. Enhanced R:Style with added detection of duplicate LABEL names within a single command file
121. Enhanced capture from video functionality to support silent/hidden camera snap shots
122. Added **BROWSE/EDIT** command option to display the field comments as a separate column in Row View mode
123. Added independent Date Picker and Time Picker options for Enhanced DB Grid controls
124. Added REC\_SEP parameter to the GATEWAY IMPORT command to specify custom record separator
125. New Default Values implemented at the form level for all table-based controls
126. Enhanced **PACK PASSWORDS** command now performs a "PACK TABLE SYS\_PASSWORDS" to internally remove deleted rows
127. Added Enhanced DB Navigator functionality to assign custom images to the buttons
128. Added version number to the output file name, when unloading forms, reports and labels
129. On Mouse Over and On Mouse Leave EEPs for Forms/External Forms
130. Added PROPERTY command to redraw an Enhanced DB Grid control after an update is performed
131. Added property to control fast accelerator character use within Group Bar controls
132. Added password encryption for spreadsheets exported using the File Gateway interface
133. New "Recreate Columns After Refresh" property for list view form controls to specify if the columns are preserved after the control is refreshed
134. Added Print Human Readable support for the QR Code and Data Matrix DB barcode labels
135. New **CHKTABLE** function to check if a table or view exists
136. Enhanced save file dialog with "R:BASE Files" included as a file type
137. New APPLICATION parameter for the **GETPROPERTY** command to return the operating system name
138. Enhanced **FEEDBACK** status dialog which displays the table name where rows are being inserted, updated, or deleted
139. Added descriptions for non-common data types within the Columns area
140. Updated Import Wizard to optionally specify custom record separator and text qualifier values
141. Find Previous support for Enhanced DB Grid searches
142. New internal **TreeBuilder** plugin to create a "tree table" with all necessary information to build tree-like presentation in reports
143. Additional "Password To Open" option when appending to existing password protected spreadsheets within the File Gateway interface
144. Added "On Cell Right Click" EEP to the Enhanced DB Grid and DB Tree Grid controls
145. Added **PROPERTY** command parameters to specify the default font for the BLOB Editor's Text tab
146. New "Jump to Line" functionality to jump to a specific line in the debugger
147. Ability to select from "Classic" and the new "Default" Styles tabs within the Report Wizard
148. Enhanced form Tab Order Settings with each listed control numbered with its current tab-order numeral
149. Sequence Mode support implemented for the DB Tree Grid and DB Grid controls
150. New **LASTMOD** function providing the last structure modification timestamp for a table/view
151. Enhanced GATEWAY EXPORT command to specify NONE as a valid value for the QUALIFIER parameter
152. New R:Style option to "individually" specify user-defined paths to the local R:Style files
153. Added password encryption for Excel document reports, including XLSX and 2003 formats
154. Added R:BASE Editor line, word, and character count statistics, for text selection and for an entire file
155. Pop-up Menu support implemented for the DB Tree Grid control
156. Added logical page number support for the PDF Viewer control

- 157. Enhanced **LIST** command show additional letters for the type of lock detected on tables
- 158. Added Structure Toolbar setting to exclude empty commands from the Output Structure content
- 159. Enhanced form/report conversion to automatically replace double quotes with single quotes
- 160. New GATEWAY **EXPORT** parameter to specify that an existing sheet with the same name will be overwritten with the new dataset
- 161. Added Database/Variable Lookup List View properties to specify background and font color for checked rows
- 162. Added option to reset a stored procedure version number
- 163. Added visual functionality for the PDF Viewer control to drag the document display in all directions with the mouse
- 164. New Comment column support for Commands Files, where braces {...} in the first line will be interpreted
- 165. New **REVERSE** function to return the reverse order of text in a string
- 166. Additional formats supported for REAL number values
- 167. New **GETPROPERTY** APPLICATION properties to capture the color and foreground of the Windows 10 title bar, to mimic the layout in applications
- 168. Added database "Integrity Check" option under the Utilities menu
- 169. Added password encryption for spreadsheets exported using the **GATEWAY EXPORT** command
- 170. Added DB/Variable Image camera capture property to use a low-resolution feed view finder, but take pictures using the target resolution
- 171. New APPLICATION property to check if data has changed prior to using SAVEROW in a form EEP
- 172. Enhanced DB Calc control to support a Tally to count the occurrences of identical values in a column
- 173. Enhanced **UNLOAD** STRUCTURE/DATA output placing stored procedure data in the structure before triggers
- 174. Added options to the **PAUSE** Builder Plugin for the Gauge Meter, Meter, and NO\_FOCUS options
- 175. Added STATUSHINTS parameter to specify if hints are displayed in the RBA application status bar
- 176. Enhanced "PROPERTY TABLE Search" functionality to use an EQUAL condition, in addition CONTAINS (default)
- 177. Enhanced Favorite Commands dialog allowing the tabs to be reordered by drag-n-drop with the mouse
- 178. New read-only properties for the DB Tree Grid control to capture the selected cell
- 179. Enhanced **GETPROPERTY** command to trigger required value checks manually upon form fields
- 180. Added Image label setting to determine whether the image is scaled proportionally when resized
- 181. Assigned hot keys to run the R:Style Setup configuration within R:BASE Editor
- 182. Added Query Wizard "Column Comments" option to toggle the display of comments for table columns in the wizard workspace
- 183. New Orientation option for the Enhanced DB Navigator, to display the navigator vertical or horizontal
- 184. Augmented "Record Search" dialog for Enhanced DB Grid controls to display the custom field names
- 185. New RBTI\_EXPORT\_FOLDER system variable to define a default folder location for Data Browser exports
- 186. The tile properties for Tile Menu form controls may now be dynamically altered by the Tile ID value
- 187. New "Duplicate" tile and "Edit Custom EEP" shortcut buttons to the Tile Menu Control as time-saving features
- 188. Enhances Database Explorer Property Bar including a "Find in Database Explorer" button
- 189. New **GETPROPERTY** FILTEREDROWCOUNT parameter to return the number of rows when an Enhanced DB Grid is filtered
- 190. New Lock Size option for the Form/Report/Label Designers where field settings for objects can be altered, but the size can be specifically preserved



191. Added "In Property Names" option for Control Property searches to locate the actual property in use
192. Added BLANK\_IF\_NULL parameter to the GATEWAY EXPORT command to assign NULL values as a blank
193. New APPLICATION property to allow custom fonts with the OUTPUT PDF command
194. Support to specify a replacement PDF substitution font for all reports/labels using the MS San Serif device font
195. Added PROPERTY command parameter to disable the Cancel button in the "Printing" progress dialog
196. Added DATASET\_FIELD\_ORDER parameter for **GATEWAY** Exports to define SELECT column order with Specification Files
197. New "Show VarChar Preview" Data Browser setting to specify how VarChar data is displayed
198. New application setting for Plugins to return a safe file/folder string
199. Added Wrap Text option for the MS Excel Spreadsheet/Workbook exports to wrap long text values
200. Updated **LIST DATABASES** command to display the current directory
201. Independent NOTE and Image hint Layout options for BLOB data
202. Added **GETPROPERTY** parameters to capture the current WHERE Clause and current sort for forms
203. Check the accessibility of camera devices from DB/Variable Image form controls
204. Added functionality to capture the Component IDs for an object being dragged, and for where that dragged object is dropped
205. New options to load R:Style files (global and local) within the R:BASE Editor
206. Enhanced R:Style status dialog with button to review newly added words to the RStyle.NEW file
207. Added Update Command History check box for when running external forms
208. Improved form "Document Custom EEPs" output to now follow the Tab Order of controls, to locate code easier
209. Added On DateTime Cleared EEP to Date And Time Edit Controls which is triggered if the date is set to NULL
210. Added Trace Debugger "Go to Line Number" functionality to the menu bar, and [F4] hot key, to easier place breakpoints
211. Added Highlight Text Color property for the Split View control to highlight text when the mouse cursor is hovered
212. Added MDI parameter with the **RBEDIT** command to launch BLOB Editor as modeless
213. Enhanced right click menu option for DB and Variable controls to "require a value" before the form may be closed
214. New Enhanced DB Grid progress bar properties allowing for a progress value to be hidden, displayed in different positions, and a color for the progress text
215. Enhanced Form Designer alignment guides when moving/dragging objects, allowing for centering controls to the parent object
216. Enhanced **DWRD** function for returning fractional whole dollars
217. Added "Find in Data Dictionary" search (Ctrl+N) to locate text within the active tab
218. Enhanced Jump List taskbar support including recent databases connections, command file, and external form file history
219. Enhanced Custom Table Relationships, where the graphic table/view layout is saved between sessions
220. Added property to verify if a photo was captured successfully
221. Enhanced Variable/DB Image capture image from video support to capture available cameras, and set the active camera
222. Added **PROPERTY/GETPROPERTY** command support to reset the Input Language, and capture the current language
223. Support for dynamic font properties for the Tile Menu Control tile captions
224. Enhanced Export Wizard allowing field reordering (drag-n-drop) for the column list
225. Enhanced Structure Toolbar context menu with refresh, jump to command, various output options, and settings shortcut
226. Added "NULL Values Export as Blanks" option for the File Gateway Export menus

- 227. Added Database/Variable Lookup List View property to synchronize the check box state and row selection
- 228. New **GETPROPERTY** command parameter to capture the state (ENTER, EDIT, BROWSE) of the current row of a table
- 229. Added form property to select/highlight a task item in the DB Task Tracker control
- 230. Added "Run" button to the Favorite Commands panel to immediately run a favorite command without modification
- 231. Added "search history" support for the Find in Custom EEP, Control Property, and Expression Searches
- 232. New **IFCASEEQ** function which provides a case-sensitive comparison of two string values
- 233. Enhanced new rule creation, which includes the possible rule violation error message on the initial screen
- 234. Enhanced recognition for report objects that cross the printable area (on the right side), where a red underline appears on the object
- 235. Added property to the list view controls to scroll the current selection into view
- 236. New SET\_ACTIVE\_CONTROL and DELAYED\_SET\_ACTIVE\_CONTROL parameters to gain focus with form controls in a more respectful way
- 237. Improved Enhanced DB Grid using Sequence Mode to fire the "On Drag Drop" EEP after a row is dragged and dropped and the sequence field is updated
- 238. Enhanced column definition interface to inform users if a reserved word is specified as a column name
- 239. Added **GETPROPERTY** parameter to capture the column name where the focus is clicked for the column filter in Enhanced DB Grids
- 240. Added Report Designer "Run (Live)" option to save and run the report using live data
- 241. New **GETPROPERTY** parameter GRIDHASROWS to return if there are valid rows in an Enhanced DB Grid control
- 242. Enhanced Variable/DB Image capture image from video support to capture/set the default resolution of the video feed
- 243. Added support to simulate a mouse click with form image controls
- 244. Enhanced R:Style Setup utility dialog allowing the file tabs to be re-ordered
- 245. Added GATEWAY\_IMPORT parameter for the XLS format, PERCENT\_MODE, to handle percentages stored in cells
- 246. Enhanced BLOB Editor for simplified file saving of image, text, and Unicode files
- 247. Added PROPERTY parameter to specify that (table and field) form controls with a will automatically be assigned the field's comment as the hint
- 248. Added slave tables to the Data Dictionary display under Forms and Reports
- 249. New ACTIVE\_INDEX parameter for exported workbooks to assign the active sheet when launched
- 250. New PROPERTY\_APPLICATION parameter to specify the Internet Explorer version to emulate when displaying Web Browser controls in forms
- 251. Enhanced Compare by Content utility to display the date and time stamps for the two files being compared
- 252. New form setting to determine the focus behavior when moving between form fields when a rules violation occurs
- 253. Added Enhanced DB Grid property to uses its font and background color, and not the columns
- 254. Enhanced **GETDATE** function to specify a default date, with an added option to hide the today's date circle
- 255. Enhanced Database Versions utility with various filters to limit the search
- 256. New (CVAL('VIEWLOCKS')) function to show locks upon views
- 257. Improved **TRACE** command where a file prompt is provided, when no file name or parameters are specified
- 258. Added Insert/Overwrite keyboard status to the available keys for the Status Bar control
- 259. Additional Split View and Tile Menu menu control types added as options for the application conversions
- 260. Available zero date setting for Enhanced DB/Variable Calendar controls
- 261. Added "List" (LISTOF) functionality to the Report Designer CrossTab control
- 262. Added **BROWSE/EDIT** command parameter to specify columns that cannot receive focus in Data Browser windows

- 263. Support to specify the QUALIFIER and SEPARATOR parameters with the **GATEWAY IMPORT** command to use custom delimiter and quote values
- 264. Enhanced R:BASE Editor settings where the default characters assigned to an inserted GUI value can be specified with or without brackets, quotes, and braces
- 265. Improved Enhanced DB Grid column properties where the AUTODROP setting is honored for Predefined Values
- 266. Added "On Drag List Item" EEP for DB/Variable Lookup List View control which will execute when an item is dragged within the list
- 267. Added **DIALOG** message window parameters for positioning the window at the right side or bottom of the display
- 268. Enhanced **LIST FKEYS** command to display the foreign keys with the column name references
- 269. Enhanced R:BASE Editor "Block Uncomment" option supports removal of command file comments for all comment types: "{...}", "\*(...)", as well as "--"
- 270. Enhance **LIST DATABASES** command to display associated date/time stamps
- 271. Added ability to specify the active view (day, week, weeks, year, Gantt, time grid) in the DB Task Tracker scheduling area
- 272. Added option to select the Default View (Grid, Row, or Tree Grid) in Data Browser Settings
- 273. New **PROPERTY** command parameter to have all reports displayed in the Print Preview to include the "Find Text" option
- 274. Support to modify the predefined Label color and description, and to add a custom Label, for tasks in the DB Task Tracker
- 275. New Show Hidden Items setting to toggle the display of hidden files
- 276. Added Data Browser "Export Results As" list includes an R:BASE option, with a sub-menu to choose between Data, and Data with Structure
- 277. New Hint property for the DB Task Tracker control to display a hint value when the mouse cursor is over a task
- 278. New **BOOLEAN** setting to specify that constants in expressions will be treated as type BOOLEAN values
- 279. Added Expand Direction property for Collapse Panel controls for the panel to expand up for panels placed on the lower portion of a form
- 280. Enhanced Variable/DB Image capture image from video support to specify a maximum image height
- 281. Added "Single" option for the "Item Check Mode" property in Tile Menu controls, where one or zero tile items can be checked
- 282. Enhanced "Find in Control Properties" (Ctrl-L) search now includes the Tree View and Drop-Down Menu Button "EEP File" properties
- 283. Enhanced Variable Lookup List View to recognize a right-click on a row, to set the focus upon that row
- 284. New **SSUBCD** function to capture text from a string containing sub-strings with by a custom delimiter
- 285. Enhanced R:BASE Editor "Copy Command" option to place a command within the clipboard without having to highlight the entire command
- 286. Enhanced field type and length details added to the Status Bar "Current Field" pane
- 287. Extended **FEEDBACK** dialog position support for PROPERTY APPLICATION parameters with variants for the right side, horizontal center, and vertical center
- 288. Added Trim Digital Clock property to trims extra spacing from the modern appearance Digital Clock
- 289. Enhanced R> Prompt Command History Panel to highlight the corresponding command, with the [Page Up] and [Page Down] keys synchronized to the input console
- 290. New PROPERTY command parameter that allows changing an object's parent control at runtime
- 291. New (**CVAL('ERROR MESSAGE')**) function to get the message when an -ERROR- occurs
- 292. Added Sort option for the DB Tree View form control to sort the nodes by the node text, or to assign no sorting
- 293. New property for the File List Box control to select a file based upon knowing part of the file name
- 294. Enhanced display appearance with legacy application to external form file conversions
- 295. New Page Setup setting allowing for a report to use the printer's default duplex setting

- 296. Enhanced R:BASE Editor Compare by Content toolbar allowing for file names to be typed directly into the field, followed by the [Enter] key
- 297. Ability to specify the precision and scale for the NUMERIC and BIGNUM data types when importing a new table
- 298. Adding Title Case character case option for Report Designer label-type controls
- 299. Additional **ICAP3** function for title casing, to only capitalize letters that start the string, and principal words
- 300. Added option to create a text log file when converting forms, reports, and labels from legacy releases
- 301. Additional font size options added to the DOS form conversion utility to allow the converted objects to fit accordingly
- 302. Added font names, styles, and sizes options to the DOS report conversion utility to allow the converted objects to fit accordingly
- 303. Synchronized Scrolling with Dual Command File Display in R:BASE Editor
- 304. Enhanced report Breaks allowing for the conditional display of the Break Footer if only a single row exists for the Detail band
- 305. Adding Title Case character case option for DB Edit and DB Memo controls, along with and Variable Edit and Variable Memo controls
- 306. New smart Layout handling in the Data Browser where layouts are preserved if only the WHERE Clause is modified
- 307. Increased field sizes when creating new keys/indexes and rules, to better display long column names
- 308. Enhanced PDF Combo Box and PDF List Box controls with a "Data Query" option to populate the control from a SELECT command
- 309. Enhanced rendering of drop-down type menus in all designers, menus, and controls, where the object appears similar to a button
- 310. Added "Current Folder" toolbar to the R> Prompt window
- 311. Added "search history" support for the Database Explorer, R> Prompt Output, Data Dictionary search utilities
- 312. Additional properties to recognize the mouse position by coordinates; for the current window, or the entire screen
- 313. Added setting to specify if the vertical scroll bar is displayed within the Enhanced DB Grid