



What's New in R:BASE X.5 (Version 10.5)

UPDATE 5

Official Release Version

Build: 10.5.5.20615

Thursday, June 15, 2023

Requested Enhancements	12/23/2022 - 06/15/2023
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Item	Date Implemented	Description
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| 01. | 06/06/2023 | Forms - The DB Tree List Property Editor has been updated with an additional "Band" column. The column reordering is now more intuitive. |
| 02. | 05/29/2023 | Forms - Drag/Drop support has been implemented in the DB Tree List control. |
| 03. | 04/14/2023 | Commands - When importing JSON format data, it is now possible to use the NODE_PATH parameter to set the node path to the root with a backslash character (meaning the root). The change is applicable to JSON files where only the data row items are in the file.

GATEWAYIMPORT JSON CustResponse.json +
REPLACE CustResponse +
OPTION MESSAGES ON PROGRESS ON+
 FIRST_ROW 1 NODE_PATH \ |
| 04. | 03/30/2023 | Settings - When a database can be opened in exclusive mode (single user), any ".bit" file for that database associated with RBADMIN will be automatically deleted. The action allows for a clean bit file to be recreated, to clear users. |
| 05. | 03/13/2023 | Commands/ODBC - The SATTACH command was enhanced to allow a WHERE clause to be specified with the syntax. |

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| 06. | 01/09/2023 | Forms - Using the Enhanced DB Grid, the [Ctrl+F] search works for "Find" and [F3] works to "Find Next". However, [Shift+F3] does not work for "Find Previous". |
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07. 12/27/2022 Forms - It would be helpful if sub-directories could be included when listing files for the File List Box control. Currently there is no option to select a file that happens to be in a sub-directory within the main folder. And, once you select the sub-directory, there should be a method to go back to the parent directory.
- Using the Object Inspector, the FileType.ftDirectory option may be set to True, to specify that directories are listed within the control. The control was also updated to provide a '...' entry within the list box, to allow the user to move one folder up.

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08. 12/19/2022 Forms - A new "On Cell Right Click" EEP has been added to the Enhanced DB Grid and DB Tree Grid controls.
09. 11/08/2022 Forms - New read-only property parameters were added to the DB Tree Grid control to capture the selected cell.
- . SelectedColumn - returns a 0 based column index
 - . SelectedRow - returns a 0 based row index
 - . SelectedField - returns the field name associated with the selected field
- The "On Cell Click" and "On Cell Double Click" EEPs are available to use the new property parameters.
10. 11/01/2022 Forms - Pop-up Menu support has been implemented for the DB Tree Grid control, which enables the user to access a pop-up menu when the field is double-clicked.
11. 10/31/2022 Forms - Sequence Mode support has been implemented for the DB Tree Grid and DB Grid controls, which specifies to assign a column that controls the sequence order of rows in the grid.
12. 10/27/2022 Forms - When resizing form objects, the width and/or height coordinates used to appear as a hint once you select the object's handlebar. The coordinates would change as you drag the mouse, to change the size of the object. This helpful feature was in prior versions, but appears to be missing in Version 10.5. Can the coordinate hint be added back?
13. 10/17/2022 Forms - For accelerator characters with Group Bar controls, a new REQUIREALTONACCELCHAR property has been introduced to specify whether pressing the one character is enough to activate that menu option, without having to press the [Alt] key first. The property is False by default for backwards compatibility.
- PROPERTYGroupBar REQUIREALTONACCELCHAR 'TRUE'

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14. 10/11/2022 Forms - Currently, you can use Shift+Click or Shift+ Arrow to select multiple files from the File List Box control. However, you cannot use Ctrl+A to select all of the items.
- The Ctrl+A key combination will now work if MultiSelect is True.
15. 09/26/2022 Forms - In addition to the right click context menu option, the GETPROPERTY command has been enhanced at the form level to trigger the required value checks manually.
- The functionality checks if a field has a value (not empty), and displays a message if a required value is not present. When enabled, a value for the field is checked when the form is closed. With the GETPROPERTY command, an EEP may be defined as below:
- ```
GETPROPERTYRBASE_FORM CheckRequiredValues 'vState'
IF vState = 'OK' THEN
 SAVEROW
 CLOSEWINDOW
ENDIF
```

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- 16. 09/08/2022 Database Explorer - When using the main tool bar to run an external form, the dialog does not display an accelerator character for the MDI check box.
- 17. 09/05/2022 Query Builder - When the Expression Builder is displayed from the Query Builder > Columns area, please add a horizontal splitter between the Expression Text panel and the panels above it. The splitter will allow users with many columns to see the larger list, rather than just seven columns at a time.
- 18. 08/26/2022 Reports - When printing a report/label to a PDF file, the font changes to where characters are no longer displayed as expected.

The character size expansion is the PDF output font substitution. If report controls use MS Sans Serif (not TrueType) it is substituted with Helvetica (native PDF font). Other device fonts may also experience substitution. The substituted font is wider than MS Sans Serif, which may result in characters being truncated. The substitution logic is true for all device fonts, which is indicated by a monitor icon in the font drop-down within the Report Designer's Format toolbar.

R:BASE has been updated to optionally change the replacement font for all reports/labels using the MS San Serif device font, or any fonts in the Swiss font family, when printing to PDF output. Any TrueType font can be used for the substitution. The following command may be used at the R:BASE startup.

```
PROPERTYREPORT PDF_SERIF_FONT_REPLACEMENT 'Arial'
```

To clear a substitution, use the following command to pass a space as the font name.

```
PROPERTYREPORT PDF_SERIF_FONT_REPLACEMENT ' '
```

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- 19. 08/11/2022 ODBC - In the past, a user could select the column or columns that uniquely identify a row in the table, when attaching a foreign data source table in the GUI. One or more columns could be assigned as the QualKey, even though you only need the one primary key column. In the Attach Table(s) dialog with the ATTACH command, a "Assign QualKey" check box should be available, which would then give the user a dialog to select the QualKey column(s).

| Item                               | Date Fixed | Description                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Release Build: 10.5.5.20615</i> |            |                                                                                                                                                                                                                                                                                                                                                                                     |
| 01.                                | 06/08/2023 | R:BASE Editor - When the Editor is invoked via the "Edit All" button on the Favorites Commands panel, the Structure Toolbar does not honor the "Exclude empty command sections in Output Structure" R:BASE Editor setting. The symptom only appears when the Editor is invoked via the Edit All button on the Favorite Commands panel, not when editing an individual command file. |
| 02.                                | 06/08/2023 | Reports - When running a PRINT statement for a report, with an Advanced Rich Text control in the Report Footer, within the cursor loop, the routine should produce 2,666 pdfs, but only produces 85. Furthermore, when the script finishes, and R:BASE is closed, Windows reports an access violation.                                                                              |
| 03.                                | 06/07/2023 | Reports/Labels - When assigning a hyperlink to text, where the text string and URL target are not the same values, the hyperlink does not work (site is not launched) in the created PDF file.                                                                                                                                                                                      |
| 04.                                | 05/30/2023 | Database Explorer - The computer name value in the main status bar is truncated to 15 characters.                                                                                                                                                                                                                                                                                   |
| 05.                                | 05/26/2023 | Forms - A new PROPERTY command was introduced to redraw an Enhanced DB Grid after an update is performed to the dataset.<br><br>PROPERTYEnhancedDBGrid1 REDRAWGRID ' '                                                                                                                                                                                                              |
| 06.                                | 05/25/2023 | Forms - When a DB Memo control has a Read Only color assigned, the background color is displayed even though the control is not defined as read only.                                                                                                                                                                                                                               |
| 07.                                | 05/23/2023 | ODBC - Errors are displayed when opening a SATTACHed table if the external database contains foreign characters within table name or column names.                                                                                                                                                                                                                                  |
| 08.                                | 04/28/2023 | Commands - After performing database maintenance steps, and then using the AUTOCHK command, the Index statistic percent drops considerably when temporary tables are defined.                                                                                                                                                                                                       |
| 09.                                | 04/19/2023 | Commands - When using the "LOAD <TableName> ... END" command from an EEP, where a RETURN is not at the end of the EEP, the data is not loaded as expected.                                                                                                                                                                                                                          |
| 10.                                | 04/14/2023 | Settings - When checking indexes, the results display errors for when a database is rebuilt with FASTFK ON.                                                                                                                                                                                                                                                                         |
| 11.                                | 04/04/2023 | Functions - When using the SLOCP function to capture the last instance of a space, the returned position value is not correct.                                                                                                                                                                                                                                                      |
| 12.                                | 03/15/2023 | Commands - When using the RUN SELECT syntax and passing two TEXT parameters to table-stored code, the second parameter is not received within the table code.                                                                                                                                                                                                                       |
| 13.                                | 03/10/2023 | Forms - When double clicking in a cell for a memo column, the Blob Editor does not launch if the header is defined with a custom caption for DB Tree Grid and DB Tree List controls. The "Editing" option for the column should be unchecked for the double click to work.                                                                                                          |
| 14.                                | 03/10/2023 | Commands - When performing an UPDATE at the R> Prompt where the new value is the same as the old value, and changes are made, an additional message will display to inform the user how many rows were looked at, if the number of truly changed rows is zero.                                                                                                                      |
| <i>Release Build: 10.5.5.20309</i> |            |                                                                                                                                                                                                                                                                                                                                                                                     |
| 15.                                | 03/07/2023 | Commands/Functions - When using the STDCALL command and DLCALL function, the expected values are not returned.                                                                                                                                                                                                                                                                      |

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- 16. 03/01/2023 Functions - When using the BROWSE command with the IFNE function for a column data comparison, the results are incorrect.
- 17. 02/21/2023 BLOB Editor - When using the BLOB Editor, the font drop-down list on the Rich Text tab is not wide enough to see the full font names.
- 18. 01/31/2023 Forms - When an Input Format Mask is specified for the Variable Date and Time control, the display format when running the form is incorrect. Also, after adjusting the Input Kind setting, the value reverts to Regular Expression after closing and reopening the form in the designer.
- 19. 01/30/2023 Data Dictionary - The CVAL tab in the Data Dictionary displays an incorrect NULL/blank value for TABLELOCKS when there are no locks in place.
- 20. 01/30/2023 Data Dictionary - The Data Dictionary is not correctly displaying the icon for temporary ODBC tables.
- 21. 01/23/2023 Commands - When using the LIST COLUMN ColumnName command for a database column whose definition is not identical for all instances, where in one instance it is defined as an autonum column with formatting, the output results in an infinite loop of the column listing.
- 22. 01/11/2023 Database Explorer - When searching reports/labels for text criteria within EEPs and expressions, memory consumption for the R:BASE executable continues to rise and does not clear as expected.
- 23. 01/10/2023 Database Explorer - When searching reports/labels, the Find in Custom EEPs results does not include code located in the Page Style band.
- 24. 01/05/2023 Functions - When using the LMAX function inside of a IFGE function, the formula is not displaying the intended data.

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- 25. 12/09/2022 Database Explorer - When the right click EEP Quick Peek menu is selected for objects, the displayed EEP files are file encoded as UTF16, making it not easily compatible with the text file programs/utilities. Can the files be automatically generated as ANSI?
- 26. 12/09/2022 Database Explorer - When all forms for a database are selected, and then the right click EEP Quick Peek menu is selected, a thread error is displayed.
- 27. 12/02/2022 Utilities - When using the [Ctrl+Alt+I] key combination to display information for a label which is launched from a command, and not the Database Explorer, the dialog is missing the table name and version details, and also reads reports rather than label for the object.
- 28. 11/25/2022 R:BASE Editor - When a command file is hidden, the file cannot be saved. An "access is denied" error appears.
- 29. 11/22/2022 Default Printer - After installing the last update (10.5.5.11013) we had a recurrence of losing the default printer while using RDP.
- 30. 11/18/2022 Commands - When running an UPDATE command repeatedly, the feedback for the total number of columns being updated keeps increasing, when the number of rows in the temporary table remain well below the updated row count.
- 31. 11/18/2022 Database Explorer - When the R:BASE window is not maximized, connected to a database, and the current work space/area is on the Applications, the Group Bar's Side Bar buttons (on the left edge) no longer contain the full list if the R:BASE window height is decreased horizontally by dragging the bottom of the window up to the main toolbar, and then back down.
- 32. 11/18/2022 Commands - When using UPDATE command which references another table, the results are not completely successful as not all records are updated.

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- 33. 11/17/2022 Database Explorer - When search results are displayed for "Find in... Expressions" the secondary focus (gray) is not placed on the first matched criteria on the right panel, and the "Edit..." button is not enabled when the form is first displayed. The missing focus differs from Find in EEPs and Find in Object Properties, which do have the secondary focus.
- 34. 11/10/2022 Report/Label Designer - When a 2D barcode is added to a report from the Scrapbook utility, an error is displayed when the barcode is then selected in the report.
- 35. 11/07/2022 Searching in Control Properties - After performing a search within the Advanced Rich Text Editor, locating several instances, and declining to continue at the beginning of the document, a dialog incorrectly appears stating the search string was not found.
- 36. 10/26/2022 Report Designer - When reviewing tables added to a report and opening the Custom Table Relationships interface, a table can be listed above the top of the displayed panel, making it impossible to see the table name and to make proper column links to those columns listed in the hidden area.
- 37. 10/26/2022 Forms - On a form containing an Enhanced DB Grid and a Web Browser, it is not possible to switch the focus from the browser to the grid after using the browser.
- 38. 10/24/2022 Forms - When double clicking in a cell for a rich text column, the Blob Editor does not launch if the DB Tree Grid header is defined with a custom caption.
- 39. 10/18/2022 ODBC - When using the R:BASE ODBC driver the correct DLL file name is not returned when the data source information is reviewed. The driver is also not looking for the correct configuration file.
- 40. 10/17/2022 Forms - With a Group Bar control application that uses accelerator characters, where pressing the one character used to be enough to activate that menu option, without having to press the [Alt] key first.

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- 41. 10/12/2022 Commands - When connected to a password protected database, as the Owner, and entering the SET USER PASSWORD command at the R> Prompt, a dialog appears for a new password. If the dialog is canceled, a new user incorrectly appears at the User Privileges dialog with the Owner name as the User name.
- 42. 10/10/2022 Data Designer - When the Columns group is opened and the focus is on the "Length" column (use an Integer column) the accelerator character menu options behave as if the [Alt] key is already pressed. For example, if you press the [r] key, the "Restore Deleted Columns" dialog appears. The accelerator characters should only work if [Alt] is pressed.
- 43. 10/10/2022 Reports - When printing a report using Custom Table Relationships where NULL foreign key values exist, all rows in the slave table are incorrectly retrieved.
- 44. 10/07/2022 External Forms - When adding a Variable Unicode Memo object to an external form, the control is not added, and nothing happens.
- 45. 10/07/2022 File Gateway - When importing an Excel file containing 22 sheets, each sheet containing 30 rows and perhaps 160 records with a total size of 695 KB, a "The input file has reached the limit of Excel cells that can be processed." message is displayed. If there is only one sheet, it works.
- 46. 10/06/2022 Form Designer - If you change the "Display Format" for different columns and save it, it works fine. But when you open "Display Format" again, the already configured settings are gone. Users must remember each customized display format of each column and enter it again even if you want to change only one, which is very tedious if you have configured many columns. The expected behavior is for the utility to retain already configured formats.
- 47. 10/04/2022 File Gateway - When exporting data to Excel with the RAW\_GEN parameter, the column and header for single character columns is truncated in the output.

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- 48. 10/04/2022 Form Designer - When resizing the property editor for the Tree View control, the contents within the "Popup Menu" tab do not expand as expected.
- 49. 09/28/2022 Database Explorer - When compressing and uncompressing forms, reports, and labels, the text caption for the form/report/label name is truncated to around 31 characters.
- 50. 09/26/2022 Forms - After margins are defined for a panel object on a form which is aligned to the top, the form is not made dirty, even though the panel object alters to reflect the defined margins.
- 51. 09/26/2022 Form Designer - The "Expand All" text caption on the Form Designer EEP Map can be truncated, where the characters are not visible, when the EEP Map dialog is decreased in width.
- 52. 09/22/2022 Form Wizard - When adding columns to the form during the Form Wizard, "all" columns are incorrectly moved to the "Ordered Selected Fields" panel, when a column is double clicked within the Ordered Selected Fields list.
- 53. 09/19/2022 BLOB Editor - When the BLOB Editor is opened, it is possible to drag the menu bar below the button toolbars.
- 54. 09/15/2022 Forms - When EEPs are defined for a Push Button object, the Existing tab of the Object List toolbar does not display the yellow star as expected.
- 55. 09/13/2022 User Privileges - After attempting to assign permissions for a view to a user account, errors are encountered, which are then displayed to each user as they connect to the database.
- 56. 09/06/2022 R:BASE Editor - When multiple command files are opened, with a file opened in the dual view, the area in which dual view was displayed does not disappear/clear when the command file in the dual view is closed specifically with the Ctrl+Alt+F4 key combination. The area remains with a gray background, and the other command files do not automatically assume that space.
- 57. 08/31/2022 Data Designer - When defining a rule for a table and selecting the rule column, the fields are incorrectly listed in alphabetical order. The list should be in the order that they are defined in the table.
- 58. 08/31/2022 Data Designer - When defining a rule for a table and switching between rule types, the available field options do not clear/become hidden as expected.
- 59. 08/30/2022 Database Explorer/Printer - R:BASE used to automatically recognize the default printer when the default printer changes. The feature is no longer working.
- 60. 08/30/2022 Forms - When there is a large amount of text in an Advanced DB/Variable Rich Edit control and all of the text must be placed in the clipboard, the object does not support [Ctrl+A] to highlight all of the text. The non-advanced DB/Variable Rich Edit does support [Ctrl+A] to select all of the text.
- 61. 08/19/2022 Data Designer - When assigning a table to be temporary, an error appears stating the user NONE does not have access.

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- 62. 08/09/2022 Commands - When using the SDISCONNECT command, a foreign data source name must be specified. It should be that if SDISCONNECT is entered with no DSN, the dialog should appear prompting the user to select a data source to disconnect.
- 63. 08/09/2022 Forms - When an "Opening Behavior" is defined for a form, from the Form Properties > Miscellaneous tab, the behavior does not take place.
- 64. 08/09/2022 Commands - When using the SDETACH command, a foreign data source table name must be specified, or an error is displayed if the command name alone is used. It should be that if SDETACH is entered with no table, the dialog should appear prompting the user to select a foreign data source table to detach.

65. 08/09/2022 Forms - When enabling the "Use New Form Behavior" and "Animation" options within a form's "New Form Behavior" tab, the form just opens, with no animation.
66. 08/01/2022 Settings - Even though the WIDTH setting can be up to 5000 characters, there are instances where R:BASE does not allocate enough storage to actually produce all 5000 characters.
67. 07/29/2022 Commands/Settings - When using the LIST command at the R> Prompt, the WIDTH and NAMEWIDTH settings have no effect on the "Comments" portion, where long comments bleed over to Name area of the tables. The same issue is encountered with long comments for views, forms, reports, labels, etc.
68. 07/27/2022 Forms - When the "Display Dynamic Caption" check box is enabled, and the "Field" radio button is selected, the Table drop box does not include the table "Comment" with the name. The Field drop down does have the comments.
69. 07/25/2022 Oterro - When using inserting data with DATETIME datatype values, the seconds precision is not retained.
70. 07/25/2022 Data Dictionary - The TabSet is missing from the list of controls.
71. 07/25/2022 Oterro - When reading, inserting, and updating BOOLEAN data type values, unexpected results are returned.
72. 07/21/2022 Form Designer - When converting a DB Rich Edit control to an Advanced DB Rich Edit control, the DB Rich Edit control scroll bar settings are not transferred. The DB Rich Edit control has only the vertical scroll bar specified, but when converted to an Advanced DB Rich Edit, both vertical and horizontal scroll bars are enabled.
73. 07/20/2022 Oterro - An application issue has been encountered where queries containing Sub-SELECT statements lead to access violations and memory dumps in the Java runtime environment.
74. 07/20/2022 Forms - When double clicking on a DB Rich Edit object to launch the BLOB Editor, the BLOB Editor incorrectly appears a second time after the first BLOB Editor instance is closed.
75. 07/19/2022 R:BASE Editor - When the "Semi" check box is toggled in the R:Style Setup, the "Error Checking" combo box becomes disabled.
76. 07/18/2022 Oterro - When using date and time values as bound values in UPDATE statements, a "Driver not capable" error is returned.
77. 07/15/2022 Commands - When using the UPDATE command upon SATTACHED tables, the column values are not updated.
78. 07/13/2022 Reports - When using the currency setting PREF 2 A, reports do not print.
79. 07/13/2022 Database Explorer - When searching for text in R:BASE, the stored values for the search history (drop-down) are not retained in their case-sensitive search values. When searching for "LICENSE", then "License", and then "license", the history drop-down incorrectly overwrites the search criteria with the most recent search. Since "Case Sensitive" is an available option for all searches, each case-sensitive search value should be uniquely kept in the history. Otherwise, users must keep retyping the various case-sensitive search values when using the "Case Sensitive" option.
80. 07/12/2022 File Gateway - When specifying an invalid syntax for the WHERE clause in the GUI, there is not a message status provided to the user when the "Start" button is selected. Nothing appears to be happening. When the R> Prompt is displayed first, then the File Gateway is launched, and the invalid syntax in the File Gateway is used, the engine error messages are visible in the background.
81. 07/12/2022 BLOB Editor - When using a custom icon for the BLOB Editor with the 256x256 dimensions, an error message is displayed.



- 82. 07/11/2022 R:BASE Editor - When reviewing Code Templates to paste into a command file, a Code Template item may be double clicked to review the template. After a Code Template is double clicked and closed, the focus is lost from the upper panel list. The Code Template which was just double clicked is no longer highlighted. The user must select the item again in order to use the "Paste Selected Template" button.
- 83. 07/01/2022 Forms - When launching a form in Edit mode, a Variable Radio Button displays the true/checked status as expected. However, when the same form is launched in Enter mode, the Variable Radio Button does not display the true/checked status.
- 84. 06/30/2022 Commands - During the RELOAD and PACK command's data reload process, all table names are truncated to 18 characters in the output display.
- 85. 06/20/2022 Forms - When right clicking on an Image control and reviewing the EEP options, the order is different from the EEPs tab in the Properties Editor, where "On Mouse Enter" and "On Mouse Over" are reversed.