



R:BASE Technologies, Inc.  
3935 Old William Penn Highway  
Murrysville, PA 15668-1854 USA  
1+724.733.0053 Phone  
1+724.733.0196 Fax  
<https://www.rbase.com>

Thursday, October 13, 2022

## What's New in R:BASE X.5 (Version 10.5) UPDATE 5 Official Release Version Build: 10.5.5.11013

Requested Enhancements	06/17/2022 - 10/13/2022
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Item	Date Implemented	Description
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*Release Build: 10.5.5.11013*

01. 09/26/2022 Forms - In addition to the right click context menu option, the PROPERTY 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 PROPERTY command, an EEP may be defined as below:

```
GETPROPERTYRBASE_FORM CheckRequiredValues 'vState'  
IF vState = 'OK' THEN  
  SAVEROW  
  CLOSEWINDOW  
ENDIF
```

02. 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.

03. 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.

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04. 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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05. 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 SATTACH 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: 10.5.5.11013</i>		
01.	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.
02.	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.
03.	10/07/2022	External Forms - When adding a Variable Unicode Memo object to an external form, the control is not added, and nothing happens.
04.	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.
05.	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 behaviour is for the utility to retain already configured formats.
06.	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.
07.	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.
08.	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.
09.	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.
10.	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.
11.	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.
12.	09/19/2022	BLOB Editor - When the BLOB Editor is opened, it is possible to drag the menu bar below the button toolbars.
13.	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.
14.	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.

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15. 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.
16. 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.
17. 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.
18. 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.
19. 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.
20. 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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21. 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.
22. 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.
23. 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.
24. 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.
25. 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.
26. 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.
27. 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.
28. 07/25/2022 Oterro - When using inserting data with DATETIME datatype values, the seconds precision is not retained.
29. 07/25/2022 Data Dictionary - The TabSet is missing from the list of controls.
30. 07/25/2022 Oterro - When reading, inserting, and updating BOOLEAN data type values, unexpected results are returned.
31. 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.

- 32. 07/20/2022 Oterro - An application issue has been encountered where queries containing subselect statements lead to access violations and memory dumps in the Java runtime environment.
- 33. 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.
- 34. 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.
- 35. 07/18/2022 Oterro - When using date and time values as bound values in UPDATE statements, a "Driver not capable" error is returned.
- 36. 07/15/2022 Commands - When using the UPDATE command upon SATTACHed tables, the column values are not updated.
- 37. 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.
- 38. 07/13/2022 Reports - When using the currency setting PREF 2 A, reports do not print.
- 39. 07/12/2022 BLOB Editor - When using a custom icon for the BLOB Editor with the 256x256 dimensions, an error message is displayed.
- 40. 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.
- 41. 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.
- 42. 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.
- 43. 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.
- 44. 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.