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# What's New in R:BASE X

## UPDATE 4

## Official Release Version

## Build: 10.0.4.11113

| Requested Enhancements | 07/11/2018 - 11/13/2018 |
|---|---|

| Item | Date Implemented | Description |
|---|---|---|
| 01. | 07/11/2018 | Data Browser - A new hot key [Ctrl+Shift+C] was added to the Data Browser to copy the field name of the highlighted cell/field. |
| 02. | 07/19/2018 | Forms - The "On Click" EEP in a Radio Group fires when clicked anywhere in the box, even if the button has not been activated. I would have assumed it should only fire when one of the radio buttons was clicked on.<br><br>An added "Click Only In Item" setting has been added for DB/Variable Radio Group controls, where a mouse click only registers when the action occurs upon a radio button item. The default is unchecked/false. |
| 03. | 07/24/2018 | Database Explorer - When report search criteria is found within the Rich Text or Advanced Rich Text controls, the Advanced Rich Text Editor is displayed to review the matched text. Also, the "Find" and "Replace" dialogs in the Advanced Rich Text Editor will display with the searched criteria automatically populated, with the search criteria highlighted in the editor background. |
| 04. | 07/25/2018 | Database Explorer - When searching for text in the Database Explorer using the Find in... Custom EEPs, Control Properties, and Expressions, can the search dialog be enhanced to include "case sensitive" and "whole word" options? |
| 05. | 08/01/2018 | Database Explorer - A file selection mask to expand/shrink what files are selected, based upon the file name and/or extension, has been implemented. The expand/shrink feature works specifically to change the Command Files selected in the Database Explorer, so users can easily review and specify to edit that file group.<br><br>Press the minus (-) key to display the Shrink Selection dialog, and enter "*service*.rmd" to limit all file selections to RMD files that contain the word "service".<br><br>Press the plus (+) key to display the Expand Selection dialog and enter "*serv*.rmd" to expand the file selections to RMD files that contain the word "serv". The expand selection defaults to *.* to easily restore the original mask to select all files. |

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06. 08/30/2018 Data Browser - When the Data Browser is opened and a column is selected with a defined comment, the text is truncated for longer descriptions, even though there appears to be sufficient space to display the characters. Can the extra space be used?

07. 09/04/2018 Forms - It would be beneficial if you could fire a node's On Click event from outside the Tree View.

The MAKECLICK parameter is now supported in Tree View controls to fire the "On Click" EEP for a node. The last parameter will accept any value for the PROPERTY command. Example:

```
PROPERTY NodeCompID MAKECLICK ' '
```

08. 10/04/2018 Reports/Labels - The Advanced Rich Text, Advanced DB Rich Text, and Advanced Variable Rich Text controls now support the ability for the object to become transparent to a background object.

09. 10/30/2018 Commands - Is there a way to get the position of the mouse pointer on a right click, click, etc?

Four addition properties were added to support the ability to recognize the mouse position by X,Y coordinates, for the current window, or the entire screen.

. MOUSE_FROM_SCREEN[X]
. MOUSE_FROM_SCREEN[Y]
. MOUSE_FROM_WINDOW[X]
. MOUSE_FROM_WINDOW[Y]

Example:

```
GETPROPERTY APPLICATION 'MOUSE_FROM_WINDOW[X]' 'vFormX'
GETPROPERTY APPLICATION 'MOUSE_FROM_WINDOW[Y]' 'vFormY'
```

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| Item | Date Fixed | Description |
|---|---|---|
| 01. | 07/11/2018 | Database Explorer - When searching for text within report control properties, R:BASE does not locate the text within Advanced Rich Text controls. |
| 02. | 07/25/2018 | User Privileges - An error is displayed when a USER account creates a temporary table in STATICDB mode. |
| 03. | 07/25/2018 | Query Builder - When a view with multiple UNIONs and the IS NOT NULL criteria is defined, the syntax incorrectly displays a "U" in the commands. |
| 04. | 07/26/2018 | Command Syntax - An permissions error is displayed when creating a temporary table in STATICDB mode. |
| 05. | 07/26/2018 | Forms - When I check the box "Read Only Filter" in the Column properties of the Enhanced DB Grid, the user should not be able to type in that column's filter box. However, the setting appears to not be recognized as the user can alter the column filter. |
| 06. | 07/30/2018 | Settings - An error message is displayed when saving a form if the SCRATCH folder path contains an apostrophe. |
| 07. | 07/31/2018 | Temporary Files - In some cases an empty $$$ temporary file can be left over in the scratch folder. |
| 08. | 07/31/2018 | User Privileges - After removing the CREATE privilege for a user, the SELECT privileges for a table is also removed. |
| 09. | 07/31/2018 | Forms - After clicking a column to sort a DB Grid by that field, the display then reorders follow-up clicks on the grid and moves the selected row to the top of the grid. |
| 10. | 08/01/2018 | Data Browser - When selecting to export the Data Browser results of a large table with many columns to the MS Excel Workbook (*.xlsx) format, an error is displayed. |
| 11. | 08/02/2018 | Commands - When using the PACK command on an individual table, where the new location is in the same block as the old location, corruption can occur. |
| 12. | 08/09/2018 | Database Explorer - When forms and reports are loaded into a database from external files, and stepping through a list of forms and reports one at a time, R:BASE stops responding when the last item is loaded. |
| 13. | 08/13/2018 | Commands - A mistyped WHERE Clause condition using BETWEEN (as BEETWEEN) is not reported as an error, and the incorrect syntax produces wrong results. With the addition of parenthesis for mistyped BEETWEN condition, the syntax is detected as an ERROR, but as unbalanced parenthesis, not the incorrect condition. |
| 14. | 08/13/2018 | Views - When a view is created based upon Server tables using WIDETEXT data types, the expected data is not populated when opening the view. |
| 15. | 08/15/2018 | Reports - I have a report that has a total at the bottom. When I print the report to a pdf, the total amount is not properly right justified. |

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| 16. | 08/21/2018 | Commands - When opening and closing a data set within a WHILE loop, which is within a DECLARE CURSOR routine, the FETCH query optimization retrieves the incorrect data. R:BASE was updated in the setup of FETCH commands for the WHILE loop optimization to NOT optimize the FETCH if the cursor is not the first one in the list of opened cursors. Now, if the cursor is the first one, then the drop of another cursor inside the WHILE loop will not impact its position in the list. The described scenario is specific to when WHILEOPT is ON. |
| 17. | 08/21/2018 | Forms - In some situations, an Enhanced DB Grid with a custom hint expression can leave the hint displayed on the screen after the form was closed. |
| 18. | 08/23/2018 | Reports - In a report, I have colored shape object on which I am printing a PNG image that was created with a transparent background. When the report is displayed in the preview window, the image (a signature) is displayed without a background. But when the same report is sent to the printer, the signature is printed with a white background. |
| 19. | 08/24/2018 | Query Builder - When a view is defined with multiple DISTINCT keywords in the Query Builder, the multiple DISTINCT values are gathered in the front of the first column of the SELECT statement, rather than once before the first column. |
| 20. | 08/27/2018 | External Forms - After opening the External Form Designer, and saving the RFF as another name, when the new external form is run as live "Run Form (Live)" from within the designer, the form file listed is the prior form file, not the current RFF. |
| 21. | 08/30/2018 | ODBC - When attaching a SQL Data Source table with a computed column containing extended characters, the WIDENOTE data type was assigned when WIDETEXT is needed. |
| 22. | 08/31/2018 | Forms - When you double click inside a Variable Memo control, it opens a file selection dialog box pointing at your current default directory. This behavior is different from previous versions and will interfere with a smooth conversion for a large application. |
| 23. | 09/12/2018 | Forms - I have a form with multiple DB Grids. The height of each grid is 122 which displays 4 rows of data onscreen. I need to increase height to 140 to display 5 possible rows of data. When I do that it duplicates rows of data. |
| 24. | 09/13/2018 | Data Browser - When opening a table in the Data Browser there are two or three duplicates at the bottom of the grid. In other grid instances, an extra NULL value row, plus duplicates is listed at the bottom. |
| 25. | 09/13/2018 | External Form Designer - When running a form from the External Form Designer, where the form being designed is in a different folder than the current folder, the form will not run. |
| 26. | 09/13/2018 | Forms - When performing glyph changes to Bit Buttons, there are instances where the updates are not applied immediately after changes from property editor. |
| 27. | 09/14/2018 | Settings - Under the main menu bar > Settings >Data Browser Settings > General tab, the bottom panel/box incorrectly lists "Include SQL Statement in Printout" as the caption. |
| 28. | 09/14/2018 | Form Designer - When using the Form Preview in the Designer and after making a change and then pressing Undo, there undone action is not reflected in the Form Preview. |
| 29. | 09/14/2018 | Forms - In some instances, the initial position of forms may not be perfectly centered, and will be off by a few pixels. |
| 30. | 09/27/2018 | Forms - I have an Enhanced DB Grid with an email address field. If I have one email address and click on it, it opens up my email client with a new email. If I have multiple email addresses it does not work. |

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| 31. | 09/28/2018 | Forms - I have a one-to-many form, where the slave table is defined as a single-table editable view. For an Enhanced DB Grid using the view, the column properties are defined to use a pop up menu. However, when running the form the pop up menu does not return the value to the column. If I change the grid to use a table, the update from the pop up menu works. |
| 32. | 10/03/2018 | Reports - When printing reports with images set with transparency for watermarks, the images can be distorted or do not display at all, depending on the output and transparent setting. |
| 33. | 10/04/2018 | Commands - When importing an HTML file into an R:BASE table with the GATEWAY command, the column name is incorrectly loaded as values instead of an expected NULL value. |
| 34. | 10/04/2018 | Commands - In a DOS to Windows application conversion, there is a CHOOSE command block of code that works fine in DOS, but behaves differently in Windows where the [F2] key is not recognized when the CHOOSE options appear. The [F2] key behave as [Enter], but as an option if no items in the CHOOSE are satisfactory, and the user does not wish to close with [Esc]. The [F2] status is then captured with the LASTKEY function for additional program control. |
| 35. | 10/05/2018 | Forms - I am experiencing some odd form behavior which is triggered by moving up and down in a Scrolling Region or an Enhanced DB Grid.<br><br>When moving up or down in the region or the grid, sporadically the message "Data Has Been Changed By Another User Since Last Refresh. Do You Want To Save The Changes?" appears. Regardless of your response, Yes or No, the rows above the row focused on will populate with the last value entered. It happens seemingly randomly when using the up and down keyboard arrows but can be made to happen very frequently if you use the mouse wheel to move up and down. |
| 36. | 10/05/2018 | Data Dictionary - When I click on the Reports, Forms, or Labels tabs and click on Date/Time column, the values are sorted in alpha order, not by date/time. |
| 37. | 10/08/2018 | Commands - When generating output to a PDF file with the OUTPUT command, the first line on the second page, and all additional pages, is incorrectly wrapped when sufficient space is available to display the information. |
| 38. | 10/08/2018 | Commands - When unloading a database with the ALL or STRUCTURE criteria the command "SET USER NONE NONE" is incorrectly added to the output in some instances. |
| 39. | 10/11/2018 | Trace Debugger - When displaying the Call Tree there is a disabled "Properties" button and check box which do not apply for the call tree use. |
| 40. | 10/12/2018 | Report/Label Designer - When displaying the Table Settings for slave tables in the designer, the dialog is incorrectly displaying row settings and EEP details. |
| 41. | 10/17/2018 | Query Builder - When a view with multiple UNIONs is defined, an extra "U" character is displayed in the Query Builder for the added UNIONs after the first UNION. |
| 42. | 10/24/2018 | R:BASE Editor - R:Style, the programmer's friend, is not recognizing the NO_FOCUS option in PAUSE commands, and is adding the keyword to the RStyle.new file. |
| 43. | 10/29/2018 | Commands - When using #WHERE to define a predefined WHERE Clause for the CHOOSE command, the quotes are stripped from the specified criteria. |
| 44. | 10/30/2018 | Help Files - The PAUSE command syntax diagram does not include the BUTTON option. |

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