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## What's New in R:BASE X UPDATE 3 Official Release Version Build: 10.0.3.11010

Requested Enhancements	08/01/2017 - 10/10/2017
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Item	Date Implemented	Description
01.	08/04/2017	Forms - Additional page to page navigation options have been implemented where switching between pages/tabs of the tab controls is also possible by selecting a tab control then pressing [Ctrl+Page Up], [Ctrl+Page Down], and [Ctrl]+<Number>, where the number key is the appropriate tab page.
02.	08/07/2017	Forms - In the Custom Form Action Designer, the Description column width should be smart enough to expand to the maximum width in the list of items, or it should retain the setting for the last expanded column(s).
03.	08/08/2017	Forms - Support has been implemented to assign the focus on a specific cell in the Enhanced DB Grid filter bar.  Syntax:  PROPERTY ComponentID FOCUSTOFILTERCELL ColumnIndex  The ColumnIndex is the zero based column index.  Example:  PROPERTY Customers FILTERS->COLUMN_NAME->CompNam 'A' PROPERTY Customers FOCUSTOFILTERCELL '0'
04.	08/10/2017	Data Browser/DB Grid Controls - When resizing the Data Browser window, or a form containing an Enhanced DB Grid, there is a behavior where the rows flicker.
05.	08/14/2017	Database Explorer - An enhanced "delayed loading" of all objects (tables, views, forms, reports, labels) has been implemented when connecting to a database. In the past, the objects were loaded immediately which can introduce overhead, especially if objects are compressed and slave tables are displayed. With the improved logic, these objects are read/loaded only when necessary and will improve CONNECT performance on databases.

06. 08/16/2017 Forms - The "Native Appearance" option has been implemented for all theme aware form controls. The description for existing and new controls reads "Native Appearance" within the Attributes/Settings, whereas prior descriptions read "Theme Aware", where applies.
- The controls include the Push Button, Bit Button, Panel, Group Box, Time Picker, Enhanced Calendar, DB Check Box, DB Radio Button, DB Slider, DB Spinner, DB Time Picker, Drop Down Menu Button, Enhanced DB Grid, Enhanced DB Calendar, Variable Check Box, Variable Radio Button, Enhanced Variable Calendar, Variable Spinner, and Variable Time Picker.
07. 08/16/2017 Forms - Can a multi-object recognition be implemented for "Native Appearance" and "XP Style", for when selecting multiple controls, to apply/remove the effects for all common objects?
08. 08/16/2017 Settings - When CHECKPROP is ON and an error message occurs, the message has been enhanced to include the control/object type.
09. 08/22/2017 Forms/Commands - When opening and closing datasets, additional checks were added when evaluating variables against a dataset to fix possible scenarios which can result in R:BASE failing to respond.
10. 08/23/2017 Forms - Added "Show Task Bar Button" option for MDI forms, which places the form as its own entry in the Windows task bar, making it easy to switch between forms.
11. 08/24/2017 Query Builder - When working in the designer, and choosing "Select Column..." it would be helpful to have this dialog increased in size vertically, and additional perhaps sizable.
12. 08/28/2017 Forms - When you select all or a group of columns in a DB/Variable Lookup List View, you should be able to change the Column Title (Caption Header Color and Font) and Column Header and Font.
13. 08/28/2017 Form/Report/Label Designers - It would be helpful if the designers support a universal multi-level "Undo" option to restore any unintended changes.
14. 08/30/2017 Report/Label Designer - It would be ideal for the Advanced Rich Text Editor to remember the environment layout as it was last used.
15. 09/08/2017 Data Dictionary - When selecting a column in the Data Dictionary, it would be helpful to know additional column attributes, such as, Indexed, PK, FK, Computed, Autonum, Not NULL, etc.
16. 09/08/2017 File Gateway/Commands - There is not an option in the File Gateway to "append" to an existing file for spreadsheets, like there is for other formats.
- The Gateway XLS/XLSX Export process has been enhanced to support "merging" data to an existing file, and will add a new sheet to the spreadsheet.
17. 09/11/2017 Forms - Sequence Mode has been implemented for Enhanced DB Grid controls which specifies to assign a field which controls the sequence order of rows in the grid. When Sequence Mode is checked the column headers are no longer click-able, meaning users cannot sort the columns. The "Sequence Field" column should be an integer, and is expected to have a value. Sequence Mode requires Drag and Drop is enable for the grid.
18. 09/26/2017 Form/Report/Label Designers - When using the Format toolbars in the designer, it would be easier to locate and select fonts if the font list responded to a walkmenu type of behavior. For instance, pressing "c" and then "o" should bring the font selection list to "Comic Sans", "Courier", etc., but it goes to the o-letter fonts instead.
19. 09/28/2017 Settings - When the Configuration Settings dialog is opened, and the CFG file path across the top is longer than the dialog itself, please allow for a hint to appear when the mouse hovers over the caption, which will display the full path.

In addition to the hint, the path can also be selected and copied to the clipboard.

20. 09/28/2017 Expression Builder - Can the Expression Builder be updated to include an additional Data Dictionary button? Even though the [F3] key can be pushed, newer users may not know they can.
21. 10/03/2017 Menus - Throughout R:BASE, it is very hard to determine whether the "toggle" buttons/menu items are enabled/checked or not. It would be helpful to use a check box or some other method to easily differentiate between when an option is on or off.
- All toolbar buttons and menu items have been updated to display an indicator to better recognize a toggle state in menus. An empty square is used for unpressed items and a filled square for pressed items.
22. 10/04/2017 Forms - The ability has been added to reference a column in the dataset for Enhanced DB Grid color mappings. Using square brackets "[xxx]" within the "Text Value/Expression" field, a column can be specified. For normal values, the field would be defined as "<=(50)". To reference a column, the field would be defined as "<=((LowerLimitField))".

Item	Date Fixed	Description
01.	08/01/2017	Functions/Views - When using the SUM and IFEQ functions within the definition of a view, incorrect data values are returned.
02.	08/01/2017	Reports/Labels - When you rename a column in the Data Designer, it updates the fields in the reports but not the break points.
03.	08/02/2017	Database Explorer, Find in Expressions - When replacing a column in my database the "Find in Expressions" did not find the searched column name in my compressed reports.
04.	08/02/2017	Commands - When using the LAUNCH command to launch a file and wait until the file is finished before moving on to the next command, R:BASE displays an error saying the specified file was not found.
05.	08/07/2017	Reports - Without a default printer installed, but both Print Preview and printing reports to the screen displays a blank page.
06.	08/14/2017	Forms - When resizing an Enhanced DB Grid that is Aligned to the Client and resizing of the form with the mouse on the bottom right corner, the form width and height does not follow the position of the mouse cursor with continued increasing and decreasing. The form size snaps to smaller and larger widths and heights when repeating.
07.	08/14/2017	Forms - On Windows 10 operating systems, it is noticed that the "Calendar" icon/image is half hidden behind the [v] arrow drop-down button.
08.	08/14/2017	Forms - When using the Object Inspector toolbar in the Form Designer, where the toolbar is undocked, the toolbar disappears when selecting the "Properties" tab on the toolbar.
09.	08/15/2017	Commands - When concatenating text including foreign characters with the SETVAR command, it is not possible to concatenate text messages reliably in the conversion from ANSI to UTF8 or vice versa depending on whether the value was text in the command, a column value, or a variable value.
10.	08/15/2017	Commands/Data Browser - When using the BROWSE command with an aggregate function, and the results are attempted to be Computed using the menu option, an error is displayed.
11.	08/16/2017	Reports/Labels - The border does not display for the Rotated Label control.
12.	08/18/2017	Reports/Labels - When a Rotated Label object with a Border defined is selected initially when opening the designer, the Draw toolbar displays the color and line options, which are correctly disabled later if another object (Shape) is selected.
13.	08/22/2017	Settings - When enabling the MIRROR setting for database replication, the mirrored database files fail to be created.
14.	08/25/2017	Commands - When NULL is set to a space and SHOW VAR is used, strange results are returned.
15.	08/30/2017	Report Designer - When opening the Position dialog for the Region and CrossTab controls, the width size is small and the text is cut off.
16.	09/08/2017	Reports - When printing a report containing rich text table data to a text file, the data does not appear in the report output.

17. 09/08/2017 Functions - The IFNULL and IFEXIST functions incorrectly interpret the value of zero as NULL when ZERO is set ON.
- \*\* Important \*\***
- The use of the IFNULL function, with the ZERO operating condition set to ON, may have adverse effects on variable calculations. Please understand that the correct logic is now used for the IFNULL function, as zero is not equal to NULL. Users are advised to take advantage of the built-in search utilities to locate any instances of the IFNULL function within forms, reports, labels, and command files, and evaluate the correct use:
- o Find in Custom EEPs... [Ctrl]+[F]
  - o Find in Control Properties... [Ctrl]+[L]
  - o Find in Expressions... [Ctrl]+[Shift]+[F]
18. 09/19/2017 Database Explorer - When saving a multi-table form as another form within the Form Designer, reviewing the form and tables at the Database Explorer displays only the single form table. After a refresh, the slave tables appear.
19. 09/19/2017 Forms - Group Box fields are not displaying properly, where the window behind the R:BASE form appears in Group Box background, when Native Appearance is checked.
20. 09/19/2017 Closing R:BASE - R:BASE will not close cleanly if the System Tables list is opened at least once.
21. 09/19/2017 Database Explorer - When saving a form as another form within the Form Designer, the compression icon appears on the new form name, even though the "Use Compression" setting is unchecked in the Form Properties and the original form was uncompressed.
22. 09/19/2017 Forms - After a new Tab Control is added to a form, it cannot be selected with a left mouse click.
23. 09/20/2017 Commands - When the @ character in table data is located at the beginning of a row, R:BASE adds a space in place of the @ during the LOAD process.
24. 09/25/2017 Forms - After deleting pages from the Enhanced Tab Control, when the Object Inspector is visible, R:BASE does not respond when saving the form, and closing the designer.
25. 09/27/2017 Data Designer - When editing or adding new columns to the Table Designer, the ability to walk through the data types using the keyboard does not work when WALKMENU is ON. The intent is to press "T" and go from TEXT to TIME, or press "D" and go from DATE to DOUBLE, etc. The functionality should work regardless of the WALKMENU setting.
26. 09/29/2017 Database Explorer - When selecting the "Convert Applications" menu option in the Database Explorer under "External Forms" the display is empty when initially opening the dialog. You must select another "File Type" radio button, then back to "APP", to see the APP files to convert.
27. 10/04/2017 Error Messages - When performing a record change which violates the conditions of a unique key constraint, there is no expected error message displayed.