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What's New in R:BASE X

UPDATE 2

Official Release Version

Build: 10.0.2.20411

Requested Enhancements	09/10/2016 - 04/11/2017

Item	Date Implemented	Description
01.	09/12/2016	R:BASE Instance - I often run more than one instance of R:BASE when doing development, all started from the same icon on the desktop, hence they all have the same 'name' as far as the Windows 7 task bar is concerned. This makes selecting the one that you want to use at any particular time a bit difficult. I was just wondering if it would be possible to have R:BASE assign a sequential number to the application Title for each instance, this to be appended to the name, so these can be differentiated. An additional "-Txxx" command line parameter has been implemented, where xxx is a custom text or "RandomID" to better identify the running R:BASE instance in the Task Manager. This is useful when running multiple instances of R:BASE. A recommended parameter is "-TRandomID" to use the current operating system TickCount value, which returns the number of milliseconds elapsed since the system started.
02.	09/12/2016	Form Wizard - Currently when using the Form Wizard, a Component Id is not assigned to controls. Using the Object Inspector one notes that a "Name" field is assigned a unique value similar to that assigned to the Component ID field when manually adding a field. Could the "Name" value also be inserted into the Component Id field when using the Form Wizard.
03.	09/14/2016	Commands - The SHARECPY command has been added to the R:BASE command syntax, to copy files, including databases, that are shared on a network. Once available as a utility with legacy R:Scope versions, the functionality is now available within R:BASE. Although you should not attempt to copy a database while users are actively making changes to it, the command allows you to copy it without having to make sure that all users have disconnected from the database.
04.	09/16/2016	R:Compiler - It would be helpful within R:Compiler X/XE (Version 10) if users could save and load the same color palette that is already defined for R:BASE X/XE (Version 10).
05.	09/16/2016	BLOB Editor - An additional option has been added to the BLOB Editor to acquire an image from a camera.

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06. 09/19/2016

Forms - Added support to allow form controls to accept dropped objects from external sources. External sources include file drops from Windows Explorer and email files from Microsoft Outlook. Once dropped, R:BASE retrieves the file names of the object. Form controls which can accept a dropped object include those which can accept focus (e.g. Edits, Memos, Enhanced Panels, etc.).

Dropped emails are saved as files in the TEMP folder. It is the responsibility of the R:BASE application to delete the files when no longer needed. The file names are captured in comma separated format. After the files names were retrieved and actions performed, the list must be cleared. This only clears the internal list of files that were dropped, not the actual files.

```
-- Allow a control to accept dragged files from Windows Explorer:
PROPERTY ComponentID ACCEPT_FILE_DROP TRUE

-- Allow a control to accept dragged emails from MS Outlook:
PROPERTY ComponentID ACCEPT_MAIL_DROP TRUE

-- Get list of files that were dropped to a control:
GETPROPERTY ComponentID DROPPED_FILES vDroppedFileList

-- Clears the internal list of files that were dropped:
PROPERTY ComponentID CLEAR_DROPPED_FILES ' '
```

07. 09/20/2016

Database Explorer - An EEP quick peek at the Database Explorer has been implemented as a helpful reference to review the EEP code for a selected form/report/label. The feature is similar to the "Document in EEP Editor" option within the Form/Report/Label Designers. The hot key combination is is [Ctrl+Alt+Q].

08. 09/22/2016

Forms - Is there a way to programmatically change the Enhanced DB Grid column order with PROPERTY and GETPROPERTY commands. I am ultimately trying to figure out a way for a user to change the order and the order will be "remembered" for the next time the form is opened without making the change to the order permanent.

PROPERTY and GETPROPERTY command support has been implemented with the "COLUMNS[nn]->INDEX" parameter to rearrange an Enhanced DB Grid column order at runtime.

```
-- The following moves the third column to the first position
   PROPERTY EnhancedDBGrid1 COLUMNS[2]->INDEX '0'

-- The following moves the FIRST_NAME column to the third position
   PROPERTY EnhancedDBGrid1 COLUMNS[FIRST_NAME]->INDEX '2'

-- The following captures the column index for the LAST_NAME column
   GETPROPERTY EnhancedDBGrid1 COLUMNS[LAST_NAME]->INDEX vLastNameIndex
```

09. 09/27/2016

Command Syntax - If would be ideal for R:BASE to check if an MDI form alias already exists and stops form processing if the provided alias already exists. For example:

```
EDIT USING Contacts MDI as MDI_C
EDIT USING CallNotesEdit MDI as MDI_C
```

Subsequent commands that use the duplicated alias (e.g., SETFOCUS and CLOSEWINDOW) may act on the wrong form. Also, a duplicate alias may be a symptom that some user-code has failed to "clean up" after its previous execution.

An added APPLICATION setting has been added to implement strict form alias names. The default value is OFF.

```
PROPERTY APPLICATION STRICT_FORM_ALIAS ON/OFF
```

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10. 10/13/2016 Forms - When using the "Color" feature to highlight columns based on the column value, I find that the highlight color for the focus row completely overwrites the color value for the individual columns. These are both important features, and the column color is a very powerful display tool. Is there a setting to allow the column colors to be persistent even if a row is selected and highlighted?

A new "Persistent Field Value Color" setting has been implemented which specifies whether the background will not be filled with the Highlight color, when a row is selected. The setting is only recognized when "Row Select" is also checked.

11. 10/20/2016 Trace Debugger - Please allow to sort (ascending/descending) when clicking on the column header, such as "Variable Name", "Type", or "Value" of the Watch Variables list view form.

12. 10/21/2016 Form Wizard - When creating a new form with the wizard, it would be nice if there was a "Use Form Default Settings" check box, so the new forms will use the customized defaults established by the developer.

13. 10/24/2016 Form Designer - The tab order of controls within the Form Designer, not at runtime, follows the alphabetical order of the control names. Since the use of the names for the tab order provides no real use, can the Form Designer instead use the sequence defined within the Tab Order settings?

14. 10/25/2016 Commands - Having an image within a Table or within a Variable, I need to save this image into a file programmatically, not with the BLOB Editor.

A PROPERTY command parameter has been added to save an image to a file from the Variable Image, DB Image, and Image form controls.

```
PROPERTY ComponentID SaveImageToFile VarName
```

15. 11/14/2016 Commands - It would be helpful to implement a PROPERTY command to save the Windows Clipboard contents to an external file.

A new PROPERTY command CLIPBOARD object has been introduced with the following:

```
PROPERTY CLIPBOARD SAVE_TO_TEXT_FILE 'FileName.txt'
PROPERTY CLIPBOARD SAVE_TO_BINARY_FILE 'FileName.bmp'
PROPERTY CLIPBOARD CLEAR 'TRUE'
```

Use SAVE_TO_TEXT_FILE for saving the clipboard contents to a text file.

Use SAVE_TO_BINARY_FILE for binary data like when pressing [Print Screen]. Note that not all clipboard contents can be saved as binary data because the clipboard does not dictate a specific format to be used.

Use CLEAR to clear the clipboard contents.

16. 11/14/2016 R:BASE Editor - Currently, the editor converts all text to UTF-8 before saving any changes (regardless of whether any net change has occurred). Is it possible to add a file encoding option?

17. 11/14/2016 Commands - Can you add the functionality to return the number of monitors connected to a system, and if they are mirrored or extended? This will make it easier to position forms on multi-monitor systems.

The following new GETPROPERTY command sets the variable to the number of monitors.

```
GETPROPERTY APPLICATION MONITOR_COUNT 'VarName'
```

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18. 11/15/2016 Commands - An added GETPROPERTY command has been implemented returning monitor screen size properties. The value for X is a zero based index.

GETPROPERTY APPLICATION MONITOR_PROPERTY[X] 'VarName'

The result is a comma separated list of values in the following format:

MonitorNumber, MonitorIsPrimaryYN,
MonitorLeft, MonitorTop, MonitorWidth,MonitorHeight,
MonitorWorkareaLeft, MonitorWorkareaTop,MonitorWorkareaRight, MonitorWorkareaBottom

The WorkArea properties is the monitor area less the taskbar area.

Example:
GETPROPERTY APPLICATION MONITOR_PROPERTY[0] vMonitor
0,Y,0,0,1920,1080,0,0,1920,1040

19. 11/22/2016 Database Explorer - When I search for text in a form with all forms selected, and only get one result, the resulting form does not show form name because the form list, which is displayed when multiple forms are found, is not open. The behavior is OK if I only search one form because I already know which form.

20. 12/05/2016 Forms - I would like to use the Variable Memo field so that I don't need to insert the data into a temp table first. The problem is that when you double click the Variable Memo field, a open file dialog box appears and the user has the ability to delete or rename files. If the BLOB Editor came up on the Variable Memo object, that would be helpful.

21. 12/06/2016 Forms - It would be very nice if the File List Box object could display the files in the directory with an icon view of the file,s similar to Window Explorer.

A new Extract Thumbnail Cache setting for the File List Box has been implemented to display images for listed files, along with a Item Height option to specify dynamic image sizes.

22. 12/12/2016 Forms/Commands - GETPROPERTY command support has been enhanced to capture a field name after a value changes for a field. This property is only assigned in the (recently introduced) table's "On Field Change" EEP. Using the syntax in any other EEP will return an empty string.

GETPROPERTY RBASE_FORM UPDATEDFIELDNAME 'VarName'

Example:

GETPROPERTY RBASE_FORM UPDATEDFIELDNAME 'vEditedColumn'

23. 12/12/2016 Forms - A new table-level "On Field Change" EEP has been added to Forms, to run the specified EEP once a field value changes.

24. 12/12/2016 Forms/Commands - New PROPERTY/GETPROPERTY command support has been enhanced to capture/update the value for a field.

GETPROPERTY Syntax:
GETPROPERTY TABLE_COLUMN[TableName->ColumnName] TEXTVALUE 'VarName'

Example to get the column value of a column:
GETPROPERTY TABLE_COLUMN[Customer->CustStatus] TEXTVALUE 'vStatus'

PROPERTY Syntax:
PROPERTY TABLE_COLUMN[TableName->ColumnName] TEXTVALUE 'Value'

Example to update the column value of a column:
PROPERTY TABLE_COLUMN[Customer->CustStatus] TEXTVALUE .vStatus

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25. 12/14/2016 Forms - Regular Expression support has been implemented for Variable Edit and DB Edit controls. A regular expression is a sequence of characters that define a search pattern, which can be used to validate user input within controls. Usually this pattern is then used by string searching algorithms for "find" or "find and replace" operations on strings. For example, the following can be used to validate an email address: \b[A-Z0-9._%+-]+@[A-Z0-9.-]+\.[A-Z]{2,}\b

26. 12/19/2016 Warning Messages - It would be helpful to add the number "2495" somewhere on the STATICDB warning message dialog box, so that any user/developer can better identify the number to suppress the message using the SET ERROR MESSAGE #### OFF technique, if they wish.

27. 12/29/2016 Reports/Labels - Is there any way to capture the height of a report band after it has been generated? I can read the HEIGHT property in the After Generate EEP, but it still returns the band's original, designed height, not the height after stretching.

Two new GETPROPERTY command parameters have been implemented for report/label bands, to return the final print height and final print width of the specified band.

```
GETPROPERTY BandCompID FINALPRINTHEIGHT VarName
GETPROPERTY BandCompID FINALPRINTWIDTH VarName
```

28. 01/03/2017 ROSK - The R:BASE On-Screen Keyboard (ROSK) hs been enhanced to support custom font sizes and alignment for the text on the keys.

The following PROPERTY command specifies the keyboard character font size:
PROPERTY ROSK TEXT_SIZE xx

The following specifies the horizontal alignment for the keyboard characters:
PROPERTY ROSK TEXT_HALIGN LEFT|CENTER|RIGHT

The following specifies the vertical alignment for the keyboard characters:
PROPERTY ROSK TEXT_VALIGN TOP|CENTER|BOTTOM

Example:

```
PROPERTY ROSK TEXT_SIZE 12
PROPERTY ROSK TEXT_HALIGN CENTER
PROPERTY ROSK TEXT_VALIGN CENTER
PROPERTY ROSK SHOW 'TRUE'
PROPERTY ROSK TYPE 'NUMPAD'
```

29. 01/09/2017 Forms - A new "ENTER as TAB" setting has been implemented for Enhanced DB Grid controls to process the user's input on that field and move on.

30. 01/11/2017 Database Explorer - When connecting to a database listed in the history, there is a feature where the listed history item will be removed if the database connection is unsuccessful, in the situation where a database is moved, and the path is no longer valid.

However, if a connection is attempted to a password protected database, and the user forgets the password or the password is mistyped, the history record item is removed, even though the database and path is still valid. The database connection history item must not be the first item in the list.

31. 01/20/2017 Forms - When using the DB Slider and selecting a value upon the track, it would be helpful to implement a new setting which allows the slider to jump directly to that value, rather than clicking several times where the indicator only steps across the track for each tick.

32. 01/20/2017 Views - When COLCHECK is OFF, the creation of a view will issue a warning (#1577) if the view column type does not match an existing table column type, rather than an error message, and will allow the creation of the view.

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33. 01/20/2017 Forms - When using the DB/Variable Lookup List View control there is not a method to alter the vertical alignment for column values or Row Numbers.

34. 01/24/2017 Commands - File encoding options (ANSI, UTF8) are now supported for the OUTPUT command, to properly implement extended characters in the specified output.

Examples:

```
OUTPUT Customer.dat ANSI

OUTPUT DB_ALL_BACKUP.ALL ENCRYPT pw1234 UTF8
```

35. 01/27/2017 ODBC - When an SQL Data Source SERVER table is attached, R:BASE X Enterprise now checks the data type of a column with that same name already in the database. If a column would normally be defined as SMALLINT, but a column already exists as INTEGER, then R:BASE will define it as INTEGER when SATTACHed. The same logic is also in place for the BIGINT, WIDETEXT, and WIDENOTE data types.

36. 01/31/2017 Settings - An added "-BASE" command line parameter has been implemented to initiate optimized Database Explorer settings for use in active server environments. The settings allow for faster use of R:BASE for Database Administrators who do not have the capabilities to copy an entire database locally just to perform a quick and important change. The values are set on load. This means that when R:BASE is closed the current "minimal" settings will be saved.

The following setting changes are performed during load:

. Use of "View As List" display, to omit displaying column details for objects
. Setting UINOTIF is OFF to turn off refresh notifications
. DB Explorer, do not enable Show Slave Table
. DB Explorer, do not enable Indicator For Compressed Forms/Reports/Labels
. DB Explorer, do not enable Show Row Numbers
. DB Explorer, disable custom Explorer Appearance settings
. For Startup Options, do not display product splash screen

37. 02/06/2017 Settings - A new PROPERTY APPLICATION parameter has been implemented to show/hide slave tables for forms, reports, and labels in an application startup file.

```
PROPERTY APPLICATION SHOWSLAVETABLES FALSE
```

The environment setting should be executed before the first CONNECT command, ideally within the RBASE.DAT as it is processed before the Database Explorer is displayed. Once the setting is enforced, the value will be saved for future sessions.

38. 02/15/2017 Forms - A new GETPROPERTY parameter has been implemented to capture the visible row count displayed within Enhanced DB Grid controls.

```
GETPROPERTY EnhancedDBGrid1 VISIBLEROWCOUNT 'vDispRowCnt'
```

39. 02/21/2017 Commands/Forms - New PROPERTY/GETPROPERTY command parameters form properties have been added to determine the monitor displaying a certain form, and the ability to center a form of a target monitor.

ActiveMonitor - gets/sets the monitor number where the form is shown. With the PROPERTY command, the form is moved to the target monitor and the top/left values are preserved.

```
GETPROPERTY RBASE_FORM ActiveMonitor vMonNum
PROPERTY RBASE_FORM ActiveMonitor vMonNum
```

CenterInMonitor - Moves the form to the center of the target monitor. The is in PROPERTY only.

```
PROPERTY RBASE_FORM CenterInMonitor 0
```

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40. 02/22/2017 Reports/Labels - I would like to rotate my DB Barcode control on a report so it prints on the side. It would be nice to right click on it and select "Orientation" to rotate the control.

41. 02/24/2017 Forms - Using a DB Tree View control, I am trying to highlight/position a specific node within the tree based upon the node ID that I want. However, when refreshing the table/control, the incorrect text is highlighted. I select "Level 1" in the control. I determine the node ID of Level 3 and want that node to be highlighted. I've used the FINDNODE property, but due to redundant text, the first occurrence of the text is highlighted. The other idea attempted is to use the FINDPATHNODE property. The path name passed to the property is correct, but the last item that I selected (in this case "Level 1") is highlighted not the "level 3" node.

The DB Tree View PROPERTY/GETPROPERTY command parameters have been enhanced for extended code functionality.

FindNextNode - specifies to find the next node after the FINDNODE parameter is used to search the control for a node value (PROPERTY only)

```
PROPERTY DBTreeControl FindNextNode ' '
```

SelectedID - selects the node with the specified ID (PROPERTY) and returns the ID of the selected node (GETPROPERTY)

```
PROPERTY DBTreeControl SELECTEDID .vID
GETPROPERTY DBTreeControl SELECTEDID 'vID'
```

SelectedText - captures the text/caption of the selected node. (GETPROPERTY only)

```
GETPROPERTY DBTreeControl SELECTEDTEXT 'vText'
```

SelectedLevel - captures the level of the selected node. (GETPROPERTY only)

```
GETPROPERTY DBTreeControl SELECTEDLEVEL 'vLevel'
```

ParentIDOfSelected - captures the ID of the parent of the selected node. (GETPROPERTY only)

```
GETPROPERTY DBTreeControl PARENTIDOFSELECTED 'vID'
```

RootID - captures the ID of the root node. (GETPROPERTY only)

```
GETPROPERTY DBTreeControl ROOTID 'vID'
```

ExpandAllItems - expands all tree nodes. (PROPERTY only)

```
PROPERTY DBTreeControl ExpandAllItems ' '
```

CollapseAllItems - collapse all tree nodes. (PROPERTY only)

```
PROPERTY DBTreeControl CollapseAllItems ' '
```

42. 03/06/2017 R:Backup - When using the "Dynamic list" option for backing up databases, a defined folder on my computer contained many unwanted databases in subfolders, and the populated list was quite large. Can an option be added to omit subfolders?

43. 03/08/2017 Data Dictionary - It would be really helpful if the Function list in the Data Dictionary had a Description column.

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44. 03/10/2017 Commands - Error Tracking has been added for Entry/Exit Procedures to log EEP names that are executed. New PROPERTY APPLICATION parameters allow users to capture and check the value for the last EEP executed to pin-point where an error occurred.

```
PROPERTY APPLICATION TRACE_LAST_EXEC_EEP ON/OFF
PROPERTY APPLICATION TRACE_ALL_EEP ON/OFF
PROPERTY APPLICATION LOG_EXEC_EEP ON/OFF
```

TRACE_LAST_EXEC_EEP - specifies whether to activate EEP name monitoring. When ON, R:BASE sets the RBTI_LAST_EXEC_EEP variable value to the last EEP code that was "executed", meaning only the EEPs with code. The EEP Name is "<CompID>|<EEPName>". If a CompID is not defined, the 'Caption' property is used in place of the CompID (if the 'Caption' property exists).

TRACE_ALL_EEP - specifies to set the RBTI_LAST_EXEC_EEP variable value to the last EEP that was "triggered", meaning all EEPs, containing code or not. If TRACE_ALL_EEP is OFF, the RBTI_LAST_EXEC_EEP variable value will have the last event "with code" that was "executed". If TRACE_ALL_EEP is ON, the RBTI_LAST_EXEC_EEP variable value will have the last event that was triggered (with or without code). For example, a button's "On Click" EEP will be triggered if you click it. If you have code assigned to it then it will be executed.

LOG_EXEC_EEP - specifies to log the value of RBTI_LAST_EXEC_EEP in the current output

The EEP tracking can add overhead to R:BASE, so it must be tuned ON/OFF with PROPERTY APPLICATION TRACE_LAST_EXEC_EEP ON/OFF. In most cases, users would have TRACE_ALL_EEP OFF to only be concerned with events where code is assigned. TRACE_ALL_EEP set to ON is helpful if you want to know more of the internal event sequence.

A startup file may have the following:

```
PROPERTY APPLICATION TRACE_LAST_EXEC_EEP ON
PROPERTY APPLICATION LOG_EXEC_EEP ON
```

45. 03/15/2017 Report Designer - As the reports module can result in the similar issue where data is not displayed when a column conflict occurs, can Custom Table Relationships be implemented in the Report Designer, like it is supported in the Form Designer?

46. 03/20/2017 Form/Report/Label Designer - While in the Expression Builder, it would be helpful and productive to provide some sorting method by clicking on the "Variable Name" column of the list.

47. 03/28/2017 R:BASE Editor - The "Open file" dialog for the R:BASE Editor has changed in regards to file types, where options were once available for "All Files" and "R:BASE Files", offering a range of file extensions.

48. 03/31/2017 Settings - Can there be an option to specify coordinates for the FEEDBACK message box, rather than being always in the center of the screen.

```
PROPERTY APPLICATION FEEDBACK_POSITION_TOP 35
PROPERTY APPLICATION FEEDBACK_POSITION_LEFT 35
```

49. 04/03/2017 Forms - It would be nice to have a property to rotate pdfs in the PDF Viewer control.

An added PageRotation parameter is supported using the PROPERTY command to rotate a file in the PDF Viewer control.

```
PROPERTY PDFViewer1 PageRotation 90
```

50. 04/03/2017 Label Designer - When selecting "File > Label Templates..." from the menu bar, the template in use is not selected, and there is no way to find it. The list defaults to the first item and not the original template used.

The Label Designer was updated where the Label Template selector will highlight the template in use. Note that this will only affect newly created labels or labels where the template was changed.

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51.	04/05/2017	R:BASE Editor - While writing code it would be nice to highlight a block of code and then just have that portion execute. This would be extremely helpful especially if the code is in the middle of a command file and you don't want to run the code from the beginning.

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Item	Date Fixed	Description
01.	01/02/1900	Functions - Please enhance the CVAL('SCREENSIZE') function for all monitors sizes. If the screen size is not recognized, the function returns 0,0.
02.	09/14/2016	Functions - When using the CVAL('TABLELOCKS') function, the list of tables is not being cleared after the table locks no longer exist, when using the VARCHAR data type to store the table list.
03.	09/14/2016	Commands - When using the GATEWAY EXPORT XLSW filename.xlsx syntax, the syntax does not support the pre-defined or global variables to be used as values for the HEADER_TEXT or FOOTER_TEXT parameters.
04.	09/14/2016	Help Files - The help entry for the GETPROPERTY command has a very minor typo. The text for the third bullet in the Tips section is shifted one place to the left (it looks like all the other entries have two spaces after the bullet, and this line only has one).
05.	09/15/2016	Functions - When using the FORMAT function with DATETIME value to display the full text for the day of the week and month, the results are inaccurate.
06.	09/15/2016	Data Browser - When using the German language version of R:BASE X Enterprise, the Data Browser truncates and does not display REAL data type computations correctly.
07.	09/19/2016	Help Files - The INT function entry within the help does not state that converted TEXT values will rounded and truncated. The help also does not include NOTE and NUMERIC data types which are also supported.
08.	09/19/2016	Form Designer - When placing a Tab Control on a form, the designer adds one Tab Control for each time you click on the form (as though the Tab Control selection button is stuck on), and the properties for the Tab Control is not accessible.
09.	09/20/2016	Report Designer - With a global variable defined that contains Unicode text within the variable name, the variable is not displayed correctly in the Edit toolbar when placing report controls.
10.	09/26/2016	Settings - Using default installation on Windows 8.1 and starting R:BASE as normal user, you are not allowed to save configuration setting changes. The error message "Cannot Save." is displayed. The default installation folder for the R:BASE/Oterro configuration file has been moved from the local "C:\Windows\" folder, where users may not have the necessary permissions, to the local Users folder. The new path is "C:\Users\Public\RBTI\" or is "C:\Users\<UserName>\RBTI\" based upon the selection made for the User Information dialog during the product installation.
11.	09/28/2016	File Gateway - When performing an data export where the CURRENCY setting uses the Euro (€), the Euro character is displayed as "â,¬" for all currency data.
12.	09/28/2016	Forms - When entering data into a DB Memo control based upon the WIDENOTE data type, the field does not allow more than eight characters.
13.	09/28/2016	Report Designer - The Control Palette does not recognize mouse clicks in the Report Designer. The Object List toolbar, on far right, still works fine.
14.	09/29/2016	Form Designer - An access violation error message is encountered by selecting a control, locking the control, then selecting the "Change Tab Order" menu option.

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15.	09/30/2016	Commands - When performing an INSERT ... SELECT from a query, an error is displayed as R:BASE interpreted a string "TR" as a boolean value for "TRUE".
16.	09/30/2016	Report Designer - When reviewing the Settings for a DB or Variable Check Box on a report, the "Style" drop down menu is blank, which when the dialog is closed, the check box is no longer visible.
17.	10/04/2016	Startup Settings - When the R> Prompt window is positioned in a non-visible location in a previous session, the main R:BASE window must be scrolled to make it visible.
18.	10/12/2016	Commands - When using "LOAD ... AS FORMATTED USING ...", an error is encountered with a file that has some end of file character (or missing extra hard return) at the end. If the end of the file is altered to remove the extra line or add a hard return, the LOAD ... AS FORMATTED USING does work.
19.	10/19/2016	Forms - I have a form with an Enhanced DB Grid and an Enhanced DB Navigator. When you click on a field and enter data and just click on the exit, it asks you to save but does not save the changes. The only way to save the changes is to hit enter after you type in the field.
20.	10/19/2016	Data Browser - When using the Data Browser and the "Update Query" option, any newly added WHERE Clause condition is lost if the column headers are sorted.
21.	10/20/2016	Forms - The Enhanced DB Grid Footer Calculations do not consider the conditions of the WHERE Clause, and the displayed results are incorrect.
22.	10/20/2016	Forms - When using a CURRENCY variable to perform a comparison and alter the Enhanced DB Grid background color for a column, the color is not applied.
23.	10/25/2016	Forms - An expression-defined drop-down menu for a column of an Enhanced DB Grid, to select from a list of options, is not populated.
24.	10/25/2016	R:Compiler - When running compiled applications where the BLOB Editor is launched from an Advanced DB Rich Text control, the "RTF" tab of the BLOB Editor does not display the tool bars and menu bar.
25.	10/25/2016	Commands - When a unique index is unloaded from a database, the created CREATE UNIQUE INDEX command syntax is missing a space and the command fails.
26.	10/27/2016	Reports - If I create a report with a Region and try to place a DB Label on it, nothing happens. I can place the same object if there is no Region present.
27.	10/27/2016	Commands/Data Browser - When using the BROWSE command with AS ... for renamed column header names, the calculate functions do not work as expected.
28.	10/28/2016	Commands/Settings - When using the LIST INDEX FOR TableName command for a table name that exceeds 18 characters, and where NAMEWIDTH is set to 18, an error is displayed.
29.	11/02/2016	File Gateway/Commands - When performing a GATEWAY EXPORT using the XLSW option, with the .xlsx file extension, the end result within the spreadsheet displays as date values, when the originating text data from the table contains a variation of date formatting.
30.	11/07/2016	Forms - When assigning code to run for the Static Text "On Double Click" EEP, the commands do not execute.
31.	11/11/2016	Help Files - If you enter BOOLEAN in the Type in the keyword to find search box of the Index tab of the help file, you get two results: Columns and Data Types. The word BOOLEAN does not appear in the Columns help file entry (Navigation: Data Designer (RBDefine): Columns).
32.	11/15/2016	Data Browser - After opening a table and sorting a column, the WHERE Builder located within the Update Query utility displays an incorrect table name.

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33.	11/15/2016	Functions - When using the (CVAL('LAST ERROR')) function to capture the last error, only zero is returned as TEXT.
34.	11/15/2016	Functions - There is an incorrect year interpretation in the RDATE() function when handling two-digit years, where 19xx is returned rather than 20xx.
35.	11/15/2016	Commands - When using the WRITE command to send VARCHAR variable data to a file with the CONTINUE parameter, an error occurs.
36.	11/15/2016	Data Browser - If you enter a BOOLEAN value in a table using the Data Browser by using a 1 or a 0, you will receive an error stating that 1 (or 0 as appropriate) is not a valid Boolean value for the field.
37.	11/16/2016	Commands - When running an UPDATE command to a BOOLEAN field using TRUE or FALSE and the new value (not 'TRUE' or 'FALSE' and not 1 or 0) and the command has a FROM clause, an error is generated.
38.	11/18/2016	Commands - When using FCONVERT to convert an ANSI text file with embedded null characters to a UTF8 text file, the end result file is empty.
39.	11/21/2016	Form Designer - When reviewing the list of properties within the Object Inspector Toolbar, and expanding the + button nodes for items, the expanded items appear in the list when the toolbar tab is switched to "EEPs".
40.	11/21/2016	Data Designer - When making table structure changes such as inserting a column, changing a column description, and then saving a table an error is encountered when the last column in the table is indexed and computed.
41.	11/28/2016	Forms - When using a large amount of data within a memo field and scrolling using the wheel mouse, or dragging the scroll bar, R:BASE stops responding and displays an error message regarding truncating data.
42.	11/28/2016	Stored Procedures - When a database is using double quotes (") for the QUOTES setting, an error is displayed when trying to Edit or Unload stored procedures.
43.	11/29/2016	Forms - We have some forms with Enhanced DB Grids. We use some columns with the Lookup Expression to show data. In version 9.5, they displayed quicker than version X.
44.	12/01/2016	Forms - After double clicking on an image and displaying the default image viewer for the computer, the "On Click" EEP for the File List Box no longer launches the defined code.
45.	12/06/2016	Functions - When using the ICHAR function with higher character sets the returned values are not correct.
46.	12/06/2016	Commands - When using extended characters within the FILLIN and DIALOG commands the returned variable at the R> Prompt appears to have trailing spaces that are displayed when used with WRITE ... CONTINUE.
47.	12/06/2016	Commands - When using FILLIN and DIALOG with the added parameter to limit the field size for entry, the returned value is unexpected for extended characters.
48.	12/08/2016	Functions - When using the (CVAL('NETLOCALGROUP')) and (CVAL('NETGROUP')) functions within a domain controller (not a workgroup), the returned value is a non-printable character string without the expected values.
49.	12/12/2016	Commands - When performing a SELECT and combining a TEXT column with a space and a colon character, the error message "TEXT cannot be added to TIME. (2151)" is displayed.

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50.	12/13/2016	Forms - When running a form with the Enhanced DB Navigator, the area around the navigator buttons becomes transparent, and whatever is behind the form is displayed in the button area.
51.	12/15/2016	BLOB Editor - When saving multi-page TIF images in the BLOB Editor, the secondary images are lost if the "Save Image As Format" button is not specifically used every time. If the "OK" button is pressed, even though the TIF format appears to already be recognized, opening the BLOB Editor again shows the secondary images were lost as the default JPG format was used to save the image. The OK button saving the TIF as JPG can be interpreted as confusing, as when "Save Image As Format" is clicked, TIFF is the default, meaning R:BASE does know some part of what image type is already displayed.
52.	12/16/2016	Commands - When using the CHOOSE command and passing a variable value to the INITVAL parameter, the initial value is not pre-selected if the passed variable value contains commas.
53.	12/29/2016	Forms - When an application progresses several form levels deep, the PROPERTY command does not recognize valid Component IDs for controls.
54.	01/02/2017	Forms - When using PROPERTY ComponentID VISIBLE 'FALSE', the Static Text for specified field stays visible.
55.	01/03/2017	Forms - When a System Variable control is added to a Variable Form, the values are not displayed when running the form.
56.	01/04/2017	Reports - When printing the reports to the screen where a System Variable object displays the page numbers (Page 1 of 6... Page 1 of 10) in the Page Header, the total page value increments but the prior values do not clear and the text characters overwrite one another.
57.	01/05/2017	Commands - When performing a SELECT upon WIDETEXT (or WIDENOTE) data, where the column is indexed and equal (=) is used as the operator, no results are returned.
58.	01/05/2017	Form Designer - The context menu for DB and Variable Radio Group Box controls incorrectly includes the "Convert to Enhanced Group Box" option.
59.	01/09/2017	Forms - When using a multi-table form with a scrolling region, a lookup variable used within the scrolling region does not display data for the unselected rows.
60.	01/10/2017	Form/Report Designer - The "Table Name" drop down field within the Expression Builder is not large enough to properly display long table/view names.
61.	01/11/2017	Trace Debugger - When testing an application which progresses several form levels deep, using many Custom Form Actions, the Trace Debugger gets lost in the application flow and is not able to complete.
62.	01/16/2017	Database Explorer - When reviewing listed views, the Date/Time column sort option does not reorder the views as expected.
63.	01/17/2017	Reports - I have a rmd file i run monthly for costing reports that I used in 9.5. When I run it in RBX it will slow down after the first report and by the time it gets to the 4th report it starts taking large amounts of memory and is very slow.
64.	01/17/2017	Views - Complex views can create temporary views with names like #1, #2, etc. when optimizing the underlying query. When the query is closed, the temporary views are not being dropped as expected.
65.	01/18/2017	Query Builder - When a view is opened with the Data Browser and another view is being designed in the Query Builder, the designed view is deleted by mistake after altering the WHERE Clause, then the ORDER BY, saving each change to the view.
66.	01/19/2017	Forms - When running a modal form that executes a command which sends output to the R> Prompt, the "More output follows..." dialog is not available, and the form does not respond to user events.

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67.	01/20/2017	Commands - When creating a new table with the PROJECT command, where a data type for a column is not compatible with other uses of that column name, an error message now displays and prevents the command from executing, rather than issuing a warning and creating the table.
68.	01/20/2017	Views - When COLCHECK is ON, view definition does not verify column names compatibility when aliases are specified.
69.	01/21/2017	Commands - When using the UNLOAD command to an OUTPUT file, the Euro and other extended characters are not displayed correctly.
70.	01/24/2017	Reports - When a different data type is specified for a lookup variable definition than that of the lookup table data, the values are not displayed as expected.
71.	01/24/2017	Form Designer - When launching the Variable Label Properties on a computer with a short screen and larger display settings, the lower portion of the dialog containing the OK, Cancel, and Apply buttons are not visible.
72.	01/30/2017	Forms - When the "Don't Show Delete Dialog" is checked within the Form Properties, the dialog still appears when deleting records using the DB Navigator and Enhanced DB Navigator controls.
73.	01/30/2017	Forms - When launching a form from another form where the same variable name is listed in both Form Variable lists, the second form is referencing the first form variable rather than the second, causing an incorrect lookup value.
74.	01/31/2017	Settings - When Runtime for R:BASE and specifying a custom R:BASE configuration file using the -O command line option an error message appears.
75.	02/02/2017	Forms - When displaying a Popup Menu for a DB Edit field, text is being cut off and where "..." is placed at the end of the popup values, even though the data fits in the dialog.
76.	02/02/2017	Forms - Data does not appear as expected within a multi-table form where the column relationship for the master table has a "Table.Field" column name format instead of simply "Field".
77.	02/02/2017	R:Style - When I change the Indenting setting to Unwrapping to True, errors are displayed when running R:Style.
78.	02/06/2017	External Forms - After locking a speed button on an external form, the button cannot be unlocked.
79.	02/10/2017	R:Compiler - When printing a report directly to the printer from a compiled application, the report incorrectly displays on the screen when the report is embedded in the project resources.
80.	02/14/2017	Help Files - The NOSCHEMA option for the UNLOAD command is listed within the syntax diagram for STRUCTURE, but is missing for ALL and DATA, where the parameter is also supported.
81.	02/15/2017	Forms - The column specified for Row Font Color within the Variable Lookup List View control is no longer determining the Row Font Color. The rows are not the specified color, but instead are whatever color is specified on the first Property tab.
82.	02/18/2017	Codelock - When unloading RTF table data to a file, the LOB output file is a smaller size and does not contain the expected data.
83.	02/18/2017	Forms/Reports - It is no longer possible to define a form/report variable with NULL as the value.
84.	02/18/2017	Reports - When using an operating system path as part of a report variable expression an error is displayed.

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85.	02/18/2017	Functions - When using the IIF function on a view, the data results are zeros. The same syntax works as expected on a table.
86.	02/18/2017	Commands - When unloading the structure for view with long SELECT syntax where line continuation is used (plus character), insufficient spacing is added to the line, which fails to recreate the view when the unload syntax is executed.
87.	02/20/2017	Commands - When preparing codelocked application files as source files, the generated output is invalid.
88.	02/21/2017	Commands - When projecting a temp table from a temp view, an error is displayed reporting a column conflict, when review of the database shows none.
89.	02/21/2017	Commands - When using the CHOOSE command with long text values with the FORMATTED parameter, the text is cuts off and not displayed by the dialog box.
90.	02/21/2017	Forms - When launching a form which uses a TIME variable created in a command file EEP prior to the form launch, an error is displayed, and R:BASE closes unexpectedly.
91.	02/22/2017	Commands - When an R:BASE session is launched using a UNC path, the DIR command changes the current directory.
92.	02/22/2017	Query Wizard - While dragging tables to define a query, the automatic T1, T2, T3, etc. alias values are assigned. However, without exiting the query wizard, if you decide to remove and add tables again, the alias numbers are no longer consecutive.
93.	02/27/2017	Commands - During a loop of processing data, R:BASE halts and returns to the R> Prompt or Database Explorer with no warning or messages.
94.	02/27/2017	Views - When creating a view and a column value is NULL, an incorrect NOTE data type can be assigned, that does not comply with the existing column name and data type.
95.	02/27/2017	Stored Procedures - When using the WRITE command to place VARCHAR data into a file from a stored procedure, an error is displayed and the data is not written. The same routine works when not a stored procedure.
96.	03/02/2017	Database Explorer - When reviewing the System Tables at the Database Explorer, the SYS_LAYOUTS3 table is not listed.
97.	03/03/2017	R:Backup - The backup utility does not display databases when set to Dynamic mode. The option should display the databases within the current folder.
98.	03/09/2017	Commands - Unlike other commands which temporary shut off notifications to run faster, the DELETE command is taking a long amount of time to perform. The DELETE command was updated to temporarily turn UINOTIF to off while running.
99.	03/13/2017	R:Compiler - When the UINOTIF setting is OFF, the R:Compiled executable does not follow the connected database TIME settings (FORMAT).
100.	03/20/2017	Forms - While using the Tree View control with nodes and items, if there is no EEP action assigned to an item, single clicking on an item makes the node text editable.
101.	03/22/2017	Forms - When using a scrolling region with Variable Label and Variable Edit controls with a defined display format, the format is not applied for unselected rows.

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102.	03/22/2017	Database Explorer - When searching EEPs across many forms, where too many matches are found, R:BASE does not finish the search, or can stop responding. When search results encounter a large number of matches, a batch approach has been implemented to review the results in a set of groups. Users are informed that a batch of results is available for review. The matched items can be reviewed (and save any changes) in the results window. After the results window is closed, the search continues to prepare the next possible batch of results. The batch approach for large amounts of search results is implemented in forms, reports, and labels.
103.	03/23/2017	Forms - When using a lookup expression with the stored result defined as a WIDETEXT variable, the value is not stored correctly.
104.	03/24/2017	Forms/Views - When using an Enhanced DB Grid based upon a view containing expressions for the column definitions, R:BASE is not restoring the saved expressions from the view before trying to fetch a row from the view.
105.	03/24/2017	Database Explorer - When copying a view at the Database Explorer, any defined alias names are lost when opening the new copy.
106.	03/24/2017	Commands - When using the R> Prompt to navigate to a folder with a database and then typing CONNECT with no database name, instances may occur where an error message would appear regarding a bad connection string after choosing the database from the dialog. The database was still connected, but the error message is confusing.
107.	03/27/2017	Forms - Using the Directory Tree control, changing the initial path to view a network drive using a UNC path does not open to that folder, but a local drive instead.
108.	03/28/2017	Commands - Upon the initial FETCH and also in subsequent fetches, the FETCH command is not handling a fetch from a WIDETEXT column correctly inside a WHILE loop.
109.	03/29/2017	Commands - When updating the captions for Radio Button items with the PROPERTY command, the caption text is truncated when the data uses the WIDETEXT data type.
110.	04/05/2017	Forms - For the List View control there is an "On Column Dragged" EEP that does not seem needed, as no visible columns are ever displayed.
111.	04/06/2017	Views - The view definitions that use JOINs are incorrectly displayed.
112.	04/06/2017	Forms - For the Tab Set control, there is an "Owner Draw" style option available, that when selected, removes the text from the defined items.
113.	04/06/2017	Forms - The Speed Button has a "On Double Click" EEP. But, the Enhanced Speed Button does not have this EEP option.
114.	04/07/2017	Forms - When displaying a multi-table form, where the relationship is based upon BIGINT data type columns, the WHERE Clause interprets the BIGINT value as text.

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