R:BASE

Technologies, Inc.

What's New in R:BASE 11 (Version 11.0)
UPDATE 1
Official Release Version
Build: 11.0.1.41008
Tuesday, October 08, 2024

Requested Enhancements	10/25/2023 - 10/08/2024

Item	Date Implemented	Description
		Release Build: 11.0.1.41008
01.	09/30/2024	Commands - When a TRACE command is entered without a file name, it displays a convenient "File name to TRACE" dialog. The same dialog should be applicable to a RUN command without a file name, rather than displaying the "Unable to open file" error message.
02.	09/27/2024	BLOB Editor - The editor should identify the file being edited in the title bar.
03.	09/26/2024	Forms - Optimizations have been implemented when loading form and external forms. The optimizations encompass the loading of internal program forms including: Property Editors, Settings, Plugins menu, etc.
04.	09/23/2024	Forms - The Enhanced DB Grid and DB Grid controls have undergone rendering optimizations to boost the initial loading and dataset navigation, with row and background "flickering" decreased.
05.	09/23/2024	Reports/Labels - Similar to the Form Designer and converting Legacy Controls to Advanced Controls, it would be cool to have a feature in the Report/Label Designer that converts an existing Rich Text control to an Advanced Rich Text control, as part of the speed menu (right-click) options.
06.	09/20/2024	Reports - A Prevent Orphans setting is available for report breaks which specifies whether break headers/footers can print alone at the bottom/top of the page. When Prevent Orphans is checked/true, break headers that would appear at the bottom of a page without corresponding detail, will be moved to the top of the next page. Break footers that would print alone at the top of a page, will have the last detail of the prior page moved to the top of the page, followed by the break footer. The default is unchecked/false.
07.	09/20/2024	Commands - When adding new records to a table using the INSERT and LOAD commands, a new REINDEX parameter may be added to the end of the syntax to boost the performance. The REINDEX value specifies that R:BASE will temporarily add the new rows without updating every non-constraint index row by row, and only updates constraint indexes row by row. When the new rows are done being added, the non-constraint indexes are then rebuilt. The rebuilding of the non-constraint indexes after the rows are added increases the overall speed of the operation.

08.	09/19/2024	Trace Debugger - The Live Variables panel does not support sorting by clicking on the column headers, unlike the Watch Variables panel, which does. Also, since the Live Variables panel is populated dynamically, it would be useful for the Variable Name list to toggle among ascending, descending, and most-recent ordering.
09.	09/19/2024	Menus - The BLOB Editor was added within the "Tools" main menu bar options.
10.	09/19/2024	Forms - The DB Tree Grid properties have been enhanced to toggle what buttons may be displayed on the Navigator, including whether to display the button hints.
11.	09/19/2024	BLOB Editor - When launching the editor with the RBBEDIT command, the default tab logic was improved, where specifying the default selected tab is now applied regardless of the file type of the file. For example, if the intent is to open a rich text file in the Hex Editor, the following may be used: RBBEDIT FileName.RTF HEX
12.	09/17/2024	Data Browser - When the Tree Grid mode is displayed, a Find Panel may be enabled to provide fast record filtering, to locate values that match the entered criteria and limit the displayed results. The data filtering is not performed on a specific column but is carried out on all columns. The most recently used searches are retained in the Find Panel drop-down. The Find Panel may also be toggled with the [Ctrl+Shift+F] keys.
13.	09/02/2024	Commands - When using AUTOCHK to check an index, it finds the first leaf and walks all the leaves in a forward direction through the B-tree index structure. The AUTOCHK command was enhanced to check the index in descending order, by finding the last leaf and walking backwards. AUTOCHK INDEX IndexName DESC
14.	08/22/2024	Forms - List view controls were optimized, where a list view with many items, will load much faster. The optimized list view controls is also more responsive.

15.	07/31/2024	Forms - Check box support has been implemented for the Tree View and DB Tree View controls, where a check box column is displayed at the far left of the list. The following PROPERTY and GETPROPERTY command parameters are supported.

```
-- [CHECKBOXES - specifies to display check boxes]
PROPERTY TreeViewID CHECKBOXES <TRUE/FALSE>
GETPROPERTY TreeViewID CHECKBOXES 'vCheckBoxState'

-- [CHECKEDITEMS - comma separated list of checked nodes]
PROPERTY TreeViewID CHECKEDITEMS <NodeIDs>
GETPROPERTY TreeViewID CHECKEDITEMS 'vNodeIDs'

-- [CHECKITEM - check the vNodeID node]
PROPERTY TreeViewID CHECKITEM <NodeID>

-- [UNCHECKITEM - uncheck the vNodeID node]
PROPERTY TreeViewID UNCHECKITEM <NodeID>
```

Note: With the Tree View, the node identifiers are the Component IDs of the nodes. For the DB Tree View, the node identifier is the Field ID.

The [ALL] and [NONE] values are also supported in the tree view controls to check all/none items.

```
-- places check marks in all items
PROPERTY TreeViewID CHECKEDITEMS '[ALL]'

-- removes check marks from all items
PROPERTY TreeViewID CHECKEDITEMS '[NONE]'
```

16.	07/30/2024	Data Designer - When structural changes are made to a table in the Data Designer, a progress dialog for the save process would help to keep the user informed.

17.	07/29/2024	Query Builder/Query Wizard - Insert a [<space> +] continuation at the end of each line, either by default or toggled via user checkbox, to allow the easy SQL code recycle into a command file.

A "Continuation Character" setting has been added to the Query Wizard "SQL" tab, and also to the Query Builder Settings, to toggle the automatic placement of the plus character for command continuation.

18.	07/29/2024	Settings - When a TIMEOUT occurs, and R:BASE closes, a command file can be run with the RBTI_TIMEOUT variable. But if the network must be kept with little or no external files, is there a way to run the routine without an external command file?

Enhanced RBTI_TIMEOUT variable functionality to execute a routine in the form of a RUN SELECT or CALL to a stored procedure when a TIMEOUT occurs, in addition to launching a command file.

    SET VARIABLE RBTI_TIMEOUT TEXT = 'CALL TimeOutCode()'

19.	07/18/2024	Data Dictionary - When sorting a module in the Database Explorer there is a faint background color added to the sorted column. When sorting a column in the Data Dictionary, there is not the faint color applied to the column.

20.	07/17/2024	Data Browser - When using the Data Browser in edit mode and a cell value is modified, if the [Esc] key is pressed, the "Changes to the field were not saved." dialog appears and the grid closes. However, what if the closing with the [Esc] key was not intended. Shouldn't a "Cancel" or "Are you sure you wish to close?" option be available prior to closing the Data Browser?

21.	07/17/2024	Trace Debugger - A right click menu option to copy highlighted text while debugging code has been implemented.

22.	07/17/2024	Status Bar - In previous R:BASE versions the Date and Time pane was at the bottom of the screen. It would be nice to have it back in R:BASE 11 as when at the R> Prompt I can see when it is processing and when it is done because the time will freeze and then unfreeze when completed.

23.	07/15/2024	Commands - The size limit for the SELECT...LISTOF function return value has been increased to 30,000 characters from 10,000.

24.	07/12/2024	Commands - SELECT functions like MIN, MAX, and LISTOF will now use up to the first 2,000 characters for each NOTE value instead of the prior limit of the first 80 characters.

25.	07/12/2024	Functions - Functions like SFIL can now fill a NOTE data type value to the maximum size limit of 10,000 characters rather than the old limit of 4092 characters.

26.	07/09/2024	Form/Report/Label Designer - When in the designers and selecting "Document Custom EEPs > In Text Editor" the file extension was updated to use ".EEP".

27.	05/28/2024	Reports/Labels - An Opacity setting was added for PDF Annotation objects to decrease how much of the icon/stamp is visible.

28.	05/21/2024	Query Wizard - When using tables with many columns, it is not easy to perform relational links when a desired column is located at the bottom of the column list. A feature was added where when if the field is dragged to the Table Name (the header), a popup will be displayed. If a column match is found, it is selected by default. A filter box is also available to narrow the column list.

29.	05/10/2024	R:BASE Editor - Default Font options have been added to the Display settings to assign a font type and size to all word types (comments, strings, numbers, identifiers, keywords).

| 30. | 05/09/2024 | Forms - A "Show Check Box" setting was added for the Enhanced Group Box control, which specifies if the group box content is enabled/disabled. The check box appears on the control's border. The check box may be displayed/hidden, and checked/unchecked in EEPs: |

   PROPERTY EGroupBox1 SHOWCHECKBOX TRUE/FALSE
   PROPERTY EGroupBox1 CHECKED TRUE/FALSE

| 31. | 05/09/2024 | Forms - To assist during layout of controls, provide a "Show Grid" property for the Enhanced Group Box, similar to that of the Enhanced Panel. The property may also be in EEPs: |

   PROPERTY EGroupBox1 SHOWGRID TRUE/FALSE

| 32. | 05/08/2024 | Data Browser - A new "Enforce MDI Mode" option has been added to the Data Browser Settings, which opens the Data Browser in MDI mode by default, even if the MDI parameter is omitted from the EDIT or BROWSE command, or if the MDI setting is OFF. Enforcing MDI mode in the Data Browser may also be controlled with the PROPERTY command to turn the feature ON/OFF in code. |

   PROPERTY DATA_BROWSER MDI ON/OFF

| 33. | 04/26/2024 | Reports/Labels - The Title and Contents properties of the PDF Annotation object can now accept a variable in (.VariableName) format. Users may specify a report variable for the annotation title and content. If the Title or Content property is in the (.VariableName) format, the value will be expanded, otherwise, it will be treated as a normal text. |

| 34. | 04/26/2024 | Reports/Labels - The PDF Annotation object was enhanced to include ten (10) additional annotation types: Check, Checkmark, Circle, Cross, Cross Hairs, Right Arrow, Right Pointer, Star, Up Arrow, and Up Left Arrow. |

| 35. | 04/18/2024 | Reports/Labels - The "Use Printer's Duplex Setting" option has been moved to the "Duplex" drop-down menu. The Duplex drop-down menu specifies what type of two-sided printing should occur. The options include None, Vertical, Horizontal, and Default. Default specifies to use the printer's default duplex setting. |

| 36. | 04/17/2024 | File Gateway - When exporting to an Excel .xlsx file using the GATEWAY EXPORT XLSW option, extra sheet tabs (Sheet2, Sheet3) are displayed. The extra sheets are not always desired, where a new EXTRA_SHEETS parameter may be toggled ON/OFF to control the output. |

| 37. | 04/15/2024 | Data Browser - The Update Query feature has been enhanced with a Query History to retain table queries. The Query History allows for any query to be reused for any table. A filter is available to limit the displayed queries that match the specified criteria. The Update Query may also be reset to the state when the Data Browser was opened initially. Query History action buttons across the bottom may be used to manage listed queries. |

To enable a query displayed within the Query History, double click on the query within the list, which will display the query in the left panel, and then press the OK button.

The Query History is separate from the R> Prompt Command History. With the "Update Command History" check box enabled, the commands are automatically inserted into the R> Prompt Command History for later use. The "Update Command History" check box recognizes the CMDHIST setting.

| 38. | 04/08/2024 | Database Explorer - A "Save EEP To Folder" menu option has been added to Forms, Reports, Labels. and External Forms where the EEP code for the selected objects may be saved to a folder. Prior to saving, a prompt for the destination folder will be displayed. |

| 39. | 04/08/2024 | Forms/Commands - When using the Character Case property in form Edit/Memo controls, the Title Case option does not capitalize the second value in a hyphenated string. An application PROPERTY was implemented to alter the behavior of Title casing, where the first letter in the second value of a hyphenated string is made upper case. The default value is OFF. |

   PROPERTY APPLICATION HYPHEN_AS_WORD_SEPARATOR ON

40.	03/27/2024	Functions - The CTXT function has been enhanced to support capturing VARCHAR data to a TEXT string.
41.	02/20/2024	Settings - Users may now switch between Delphi or HTML RGB Hex notation for Custom Colors. The default is Delphi notation. Most colors (online color combinations) are presented in HTML format (#AARRGGBB), where being able to accept that format directly from a copy/paste source can save time in active development. In Delphi mode, the Color Editor will appear as "$ [.....]" in the bottom right corner. In HTML mode, the Color Editor will appear as "# [.....]".

42.	01/18/2024	Query Builder - When selecting to save a query as a new name, the Name and Comment field should be populated with the existing view name and comment values.
43.	11/02/2023	Data Browser - Please include a .xlsx file extension option for exports to Spreadsheets, similar to what is currently offered for Workbooks.
44.	10/27/2023	Plugins - The EXTFORM plugin was enhanced to include a SET_VERSION_NUMBER parameter, where the version number can be adjusted/reset in code.

```
PLUGIN EXTFORM vResult|FILE TileMenu.rff +
|ACTION SET_VERSION_NUMBER|VERSION 101
```

45.	10/26/2023	File Gateway - When exporting data to Excel, errors may be encountered when equal characters in table values are incorrectly evaluated as a formula.

A new DETECT_FORMULA ON/OFF parameter was implemented. The default is ON (the current behavior). For exports to work as expected, when equal characters exist in table values which are not actual formulas, formula detection should be turned off (DETECT_FORMULA OFF).

46.	10/26/2023	File Gateway - When performing an XML import, not all columns may be populated from the XML file after the data packet is selected, as the data resides in different data nodes.

Enhancements were made to flatten the structure and process attribute options for XML imports. When the Data Packet prompt is displayed, new "Flatten Structure" and "Process Attributes" options are available to load all of the data nodes.

. Flatten Structure - specifies the structured records to be flattened, so that the related data appears as one row
. Process Attributes - specifies to process the XML data where attributes are contained within each element

The GATEWAY IMPORT command also includes two new parameters to support the enhanced options:

```
GATEWAY IMPORT XML ShipmentLoad.XML REPLACE Shipments +
OPTION NODE_PATH \FILE +
|PROCESS_ATTRIBUTES ON +
|FLATTEN_STRUCTURE ON
```

47.	10/26/2023	Database Explorer - While connected to a database and unloading table structure, view structure, stored procedures, forms, reports, or labels, R:BASE always defaults to the initially connected database folder, regardless of the current folder location.

For example, after you connect to a database, and then manually adjust the Working Directory to another folder, if you unload any object, it always defaults to the database folder. For each unload, you have to navigate to the desired "unload" folder to save the file. With a dozen individual unloads, you must repeat the same procedure a dozen times, which is time consuming.

Like other Windows programs, saving/unloading objects should be for the current working folder. In R:BASE, it should be the Database Explorer's "Current Folder", whether by default after connecting to a database or by manually changing the current folder.

48.   10/26/2023   Settings - The AUTONUM is now included in the list of commands which will show feedback if the FEEDBACK setting is on.

Item	Date Fixed	Description

01.	10/02/2024	R:BASE Editor - Opening an encrypted file results in the wrong password message, even though the password is correct.
02.	10/02/2024	Database Explorer - After adjusting the Database Name column to a wider length, the adjusted width is not retained when R:BASE is restarted.
03.	10/02/2024	Settings - When a TIMEOUT occurs the "Illegal command in Entry/Exit Procedure." error appears just before the session closes.
04.	10/01/2024	File Gateway - When a multi-tab spreadsheet is specified for Import into an "existing" table the available tabs are presented within the screen prompts initially but disappear when one of the additional tabs is selected.
05.	10/01/2024	R:BASE Editor - When using the editor which is launched for Custom EEPs and Custom Form Actions, the "Insert GUI" button image is different from the image used in the R:BASE Editor launched for command files.
06.	09/30/2024	Report/Label Designer - When altering the font for the CrossTab object within the "Configuring CrossTab" dialog, the old Font dialog is displayed.
07.	09/30/2024	Data Designer - When a large table is modified, the "Saving changes ..." oscillating progress gauge is incorrectly displayed behind the confirmation dialog when the table changes are completed.
08.	09/30/2024	Commands - When attempting to use the TRACE command without a file name, after using the TRACE command without a file name and cancelling the operation, an error is displayed reporting "Resources required by command are not available."
09.	09/27/2024	Data Designer - When viewing the Keys/Indexes area, "Label27" is listed in the lower message panel.
10.	09/27/2024	BLOB Editor - The editor should support the standard keyboard shortcut [Ctrl+Z] to undo a change, just like in the form/report/label designers.
11.	09/27/2024	Database Explorer - When right clicking on a report or label, the popup menu's "View Options > View as..." items are using the old images.
12.	09/24/2024	Label Designer - When an object is selected in the designer, and the help is launched (Help button on the Standard toolbar or [Shift+F1], the Report Designer help is incorrectly opened. In the Label Designer, the Labels.chm file should be opened.
13.	09/24/2024	Label Designer - The designer contains "report" menu options which are not supposed to be available in the labels.
14.	09/24/2024	R:Style - For the DIALOG and PAUSE command, the ICON parameter values are lower cased, but should be preserved like other static command values.
15.	09/23/2024	Data Dictionary - When viewing Columns in Detail mode, if the Name header is clicked on to sort the column listing in ascending order by name, and then a different Table is selected from the left-panel Table/View list, the resultant Column listing is not sorted, but the sort-order arrow-icon in the Name header is not cleared; it continues to show that sorting has been applied.

16.   09/20/2024   R:BASE Editor - When assigning bookmarks to a command file, the hot key [Shift+Ctrl+0] to toggle Bookmark "0" has no effect.

Since the [Shift+Ctrl+0] hot key is owned by the operating system, Bookmark 0 was removed from the toolbar.

17.   09/19/2024   Data Browser - When scrolling table records Grid view, there is a noticeable flickering of the text characters.

18.   09/19/2024   BLOB Editor - When the BLOB Editor is opened on its own without a file name specified in the RBBEDIT command, it presents only the Image and Hex tabs, omitting the Text, Rich Text, and Unicode tabs.

19.   09/19/2024   BLOB Editor - The RBBEDIT MDI command does not honor the MDI parameter, whether an explicit file name is included in the command or not.

20.   09/18/2024   Data Browser - When selecting "Replace All Column Values" for an integer column, the Confirm dialog incorrectly sorts the values as if they were text (e.g., 0,1,10,11,12,2,3).

21.   09/18/2024   R:BASE Editor - Lines which have been marked read-only lose that attribute once the file has been scanned by R:Style.

22.   09/17/2024   Report/Label Designer - When viewing a large report in the designer and selecting the Preview tab, R:BASE becomes unresponsive. The Report Designer appears to be locked, and R:BASE itself can not be closed.

23.   09/17/2024   Data Browser - With the Data Browser in BROWSE Mode, if FEEDBACK is set ON, selecting Calculate > Duplicates misleadingly reports a deletion (in both a popup and on the Output Console), even though the database is read-only and has not been modified. Also, that message is improperly formatted: "Deleting rows from : 1 row deleted".

24.   09/17/2024   Functions - When using the LISTOF function in form/report expressions, data truncated errors are encountered.

25.   09/16/2024   Reports/Labels - Double quotes are incorrectly added to the TXT report output.

26.   09/13/2024   Printing Reports/Labels - When printing large Two Pass reports with over 2,500 pages to the screen the response time is slow.

27.   09/12/2024   Data Browser - When a table is opened in the Data Browser and the [Shift+F6] keys are pressed, the view mode changes between grid, row, and tree grid. However, the active tab across the bottom does not follow the displayed view mode.

28.   09/12/2024   Print Preview - When printing a report with a long name, the name is truncated in the Print Preview status bar.

29.   09/12/2024   Settings - When closing R:BASE unexpectedly while minimized, may leave the program in a state where new sessions also open as minimized, which cannot be normalized/maximized. An application menu system with a desktop shortcut may be accessed, but not the development environment.

30.   09/11/2024   R:BASE Editor - The Structure Toolbar panel may list some commands redundantly. For example, each BROWSE USING command appears twice, once under "BROWSE Statements" and again under "BROWSE USING Statements".

31.   09/11/2024   R:BASE Editor - In the Character Map toolbar, there is a gap of blank squares from 128 to 160.

32.   09/11/2024   R:BASE Editor - In the Character Map, the Font Name drop-down is too narrow to display the full name for when a selected font has a longer name. As a result, the truncated names in the drop-down cannot be distinguished from other similar long font names.

33. 09/10/2024 Data Browser - Although a BROWSE command accepts an ORDER BY clause to sort a NOTE column, once in the Browser, it is not possible to re-sort by a column having a NOTE datatype.

34. 09/10/2024 Data Browser - In View as Tree Grid mode, the Custom Filter text comparisons are strictly case-sensitive, contrary to the matching algorithm used throughout R:BASE.

35. 09/09/2024 Trace Debugger - When tracing application code with table-stored routines, the tab in the debugger can be assigned incorrect values after a routine is run for the "On Connect" database event, or if arguments are passed with a RUN SELECT.

36. 09/09/2024 Functions - A SELECT command does not return the results when a mixture of SELECT functions (SUM, LISTOF, AVG, MAX, COUNT, etc.) are used.

37. 09/06/2024 Database Explorer - When applying a darker color with white text to create a "nighttime" Appearance option, there are instances of text, fields, panels, and toolbars which do not follow the expected assignments.

38. 09/03/2024 Index - A table index becomes corrupt when many records are inserted and all, but a few are deleted.

39. 09/03/2024 Commands - A SELECT command does not return the expected results when more than one LISTOF function is used in a single command.

     With the fix, code may still use the available 30,000 characters in a single LISTOF, but if there is two LISTOF functions, each will be limited to 15,000 characters. If there are three, then each LISTOF function is limited to 10,000 characters. Basically the 30,000 character limit is spread out over all of the LISTOF functions in a single SELECT.

40. 08/26/2024 R:Compiler for R:BASE - The new Color Editor Palette is not implemented in R:Compiler when the Custom... option is selected from the list of colors. It is also expected that the R:Compiler color palette recognizes the custom colors defined in R:BASE.

41. 08/26/2024 Data Browser - When performing two different searches upon two different tables simultaneously, one Find dialog and spinning gif gets stuck on the screen.

42. 08/23/2024 Query Builder/Wizard - The "Continuation Characters" setting inserts the plus character regardless of the defined PLUS setting. The PLUS setting is + by default. However, if the PLUS setting is reassigned to @ for the code continuation character, the "Continuation Characters" setting is not helpful. It would be ideal for the "Continuation Characters" setting to recognize the PLUS setting, and insert "that" character, rather than always +.

43. 08/22/2024 Query Wizard - Following a lasso drag operation, after left-clicking outside the bounds to drop the lasso, several columns - highlighted when lassoed - remained highlighted after all table headers have refreshed.

44. 08/21/2024 R:BASE Editor - The "rbase.sch" file specifically is not loaded into the editor if other rbase_backup.sch files exist in the SyntaxSchemes folder, which causes confusion as to what scheme is loaded.

     Syntax scheme handling was updated where R:BASE now has better identification routines for duplicate schemes. A dialog was also added to let the user know about possible scheme file name conflicts. The dialog will display every time the editor is opened.

45. 08/20/2024 Database Explorer - When connecting to some databases, the time taken to display the list of tables takes over a minute.

     The Database Explorer performance was updated with speed improvements. Noticeable changes include when "Show Slave Tables" and "Show View Tables" are enabled, sorting lists using column headers, and for many views with advanced definitions and views with numerous dependencies.

46.	08/06/2024	Form Designer - While in the designer and with grid lines on, selecting a control will cause a flicker for other controls on the form. The same behavior will also occur when moving a control.
47.	08/06/2024	Reports/Labels - Transparent PNG image rendering was updated to improve the report/label output.
48.	08/05/2024	RDCC Client - After launching the RDCC Client (Help > RDCC Client), and then closing R:BASE, the RBG11.EXE session will remain running in the Task Manager.
49.	08/02/2024	Report/Label Designer - The "Grow Height to Largest" button for the "Size" toolbar icon has a typo in the hint with "Grow" misspelled as "Grom".
50.	08/02/2024	Database Conversion - When converting several forms from 6.5++ the variables and DB Edit field are corrupted.
51.	07/31/2024	Query Wizard - When dragging a table in the workspace, the grid destination square does not match/line up with where the table/view is being dragged and dropped. For instance, if you attempt to drag a table/view into the top left corner just inside the corner, dropping the table in the expected grid square does not line up.
52.	07/29/2024	Commands - When an AUTOCHK INDEX is performed on a database with indexes defined for temporary tables, the process would go through the temporary table index getting each row pointer, but then incorrectly looked for that row pointer in the real file 2, not the temporary file equivalent. The result would be reported errors as the review was not looking for the rows in the correct place.
53.	07/26/2024	Forms - When moving between rows in a list view controls, a blinking behavior is noticed for the highlighted row.
54.	07/25/2024	Commands - The CHOOSE command's button images are not transparent.
55.	07/25/2024	Form Designer - The transparency setting for Static Text objects is not recognized when the form background color does not match the static text background color.
56.	07/24/2024	Database Explorer - The highlighting item display logic, after an object is changed in another module, was improved to maintain the visibility of all objects prior to the object change. Previously, some items in the Database Explorer may be out of the displayed view, where the display must be scrolled to see the full list.
57.	07/23/2024	Forms - Cases may exist where the assigned color to a form will be lost.
58.	07/17/2024	Forms - When launching a form where the several DB Navigator buttons are hidden in the "On After Start" EEP using the VisibleButtons property, the control background appears to still display the undesired buttons.
59.	07/16/2024	Reports - When running a report with a Variable Label defined with AutoSize enabled within the Page Header band which is defined with Dynamic Height enabled, a gap appears on the report. The gap is not on the report in prior versions.
60.	07/16/2024	Functions - The value returned from the CVAL(PRINTERS) function incorrectly includes quotes characters.
61.	07/10/2024	Commands - An index corruption can occur after repeated DELETE/LOAD commands.
62.	07/08/2024	Database Explorer - The output from the Save EEP to Folder option may omit code from some EEP sources.
63.	07/05/2024	Commands - When using the CLEAR VARIABLE command with a wildcard to remove a list of variables, the wildcard list also incorrectly clears static variables which match the wildcard criteria.
64.	07/05/2024	Report/Label Designer - When a report is open in the designer, switching from to another module (DB Explorer) and back to the designer makes the report dirty, even though no changes were made.

65.	06/20/2024	Functions - When running an UPDATE command with a nested IFF function the expected column updates are not performed.
66.	06/13/2024	Commands - When issuing the PRNSETUP command from an EEP followed by a PRINT command with OPTION PRINTER, the report does not go to the PRNSETUP selected printer.
67.	06/13/2024	Report/Label Designer - When a line object is selected and the thickness options are reviewed from the Draw toolbar, the thickness option values are obstructed by the check box.
68.	06/12/2024	Forms - When captions are padded for DB Radio Group options, the values are not horizontally aligned with the control's borders.
69.	06/12/2024	Forms - When using the PROPERTY command to maximize a form from the "On After Start" EEP, the form only partially maximizes.
70.	06/06/2024	ODBC - When attaching a SQL data source table containing BSTR information, the BSTR data is missing.
71.	06/05/2024	Reports/Labels - When using the Text or Report Emulation Text options for reports/labels, the output is zero kilobytes.
72.	06/03/2024	Commands - When using the DIR command with a wildcard and file extension, the results show an incorrect number of files. The results are double what the count should be.
73.	05/28/2024	Utilities - When using the "Utilities > Convert Extended ASCII In Objects To UTF-8" menu option for a database, several errors are encountered from ODBC databases which are not currently available.
74.	05/24/2024	Forms - After pasting several objects from the Scrapbook utility into a new, empty form, the objects cannot be selected by the mouse, or the Object List toolbar.
75.	05/24/2024	Commands - When passing a variable to a DIALOG command and attempting to add spacing to align the DIALOG message contents, if your NULL value is a blank (4 spaces instead of -0-), the frontend can receive an empty message.
76.	05/24/2024	User Privileges - When a database USER with CREATE permissions creates a new table, the USER does not have all privileges on the newly created table.
77.	05/22/2024	Commands - Queries are not returning the expected results when the WHERE clause contains 'colname is null'
78.	05/22/2024	Commands - When using SELECT COUNT(*) on a multi-column index the expected value is not returned.
79.	05/21/2024	Installation - When performing a Server installation type, the rbase.sch schema file is incorrectly located within the destination folder. The installation type was corrected to create the required SyntaxSchemes sub-folder in order for R:BASE Editor to load the syntax highlighting.
80.	05/21/2024	Forms - When sorting currency data in a List View when the operating system is in a France locale, the order of the data is incorrect.
81.	05/20/2024	User Privileges - When viewing privileges, the true state of the CREATE TABLE check box is only accurate in a new R:BASE session. Reviewing users with the CREATE TABLE privilege incorrectly carries over the users without the privilege.
82.	05/17/2024	Forms - The Sum totals in Enhanced DB Grid footers do not calculate for all columns.
83.	05/17/2024	Forms - The DB Label "On Double Click" EEP does not fire when the object is double clicked.
84.	05/17/2024	Printing Reports/Labels - The EMAIL parameter 'EMAIL_DELETE_AFTER_SEND' ON does not delete the generated report files as expected.

85.	05/15/2024	File Gateway - When using the "QUALIFIER NONE" syntax for the GATEWAYEXPORT syntax, a "N" for "NONE" is incorrectly being used to enclose text strings in the exported file.
86.	05/09/2024	Commands - When comparing a TEXT (or WIDETEXT) variable result from a CHOOSE command with extended ASCII characters versus a static text value, the same values are not recognized as equal.
87.	05/06/2024	Forms - When using the mouse on a DB Tree List control, the font will be become bold automatically.
88.	05/02/2024	Forms - DB Edit controls with values placed on a Scrolling Region are only visible on the active row and not all rows in the Scrolling Region.
89.	05/02/2024	Reports/Labels - When printing a report to a PNG image the first page of the output is not readable when the operating system display setting scale is set to 125%.
90.	05/02/2024	Reports/Labels - When printing a 2-page report to a duplex supported printer the document is printed correctly on the first page, but on the back of the paper, the 2nd page of the report is printed up-side down.
91.	05/02/2024	Database Explorer - When the Database Explorer is displayed with the Date/Time column sorted in descending order, so the latest object is displayed at the top, the focus on the object is being lost when entering a designer, making and saving changes, and returning to the Explorer.
92.	05/01/2024	Forms - When running a form with List View controls with zebra stripes enabled, the zebra striping does not appear for the list views.
93.	05/01/2024	Forms - The LED Text Label control can experience a timing problem that can cause issues in slower systems.
94.	05/01/2024	Commands - The PACK command was updated to ensure that indexes are recreated at a new starting location.
95.	04/30/2024	External Forms - When a .APP file is converted to a Tree View External Form, and images are loaded into the control, the first image added is incorrectly assigned to every sub-item node.
96.	04/30/2024	Database Explorer - When the R:BASE date format is set to DD MMM YYYYHH:SS the "Date/Time Modified" column within the Find in Files utility incorrectly sorts the list alphanumerically, rather than by date/time.
97.	04/30/2024	Forms - After static text is added to a form with the AutoSize property enabled, the object does not increase or decrease when the text value changes.
98.	04/29/2024	R:BASE Editor - In manually tweaking the rbase.sch file, the editor fails to uniformly apply the Default Background color to text objects.
99.	04/26/2024	R:BASE Editor - When the EEP editor is docked on the left/right side of the screen and is supposed to take up 50% of the screen, the size is more than 50% of the screen width.
100.	04/25/2024	Forms/Reports/Labels - When the Expression Builder form is maximized, the list view flickers (especially the column headers).
101.	04/25/2024	Report/Label Designer - After a text label is selected, and the Edit toolbar displays the characters for the label, the entire text string is incorrectly auto-selected when the mouse is clicked within the toolbar.
102.	04/25/2024	Forms - When a form contains several group box controls with check boxes, the display of the check box caption may appear dithered or will lose the background color.
103.	04/25/2024	Report/Label Designer - When working with variables in the Expression Builder, a selected variable in the list should be highlighted (blue handlebars) in the designer background.

104.	04/24/2024	External Forms - R:BASE can close unexpectedly when opening an external form in the designer.
105.	04/24/2024	Application Designer - The "Use Themes" menu option is missing from the Properties tab.
106.	04/23/2024	User Privileges - When switching from the database OWNER account to a USER account which exists without a password, R:BASE will assign the specified password in the SET USER/CONNECT command.
107.	04/22/2024	Data Browser/Settings - When LAYOUT is ON and a custom Data Browser color layout is applied to a table, the layout does not display when the WHERE clause changes.
108.	04/22/2024	Settings - When using dynamic CHOOSE options in an ampersand variable, the parameters do not pass to the CHOOSE for the initial command run for the R:BASE session after FEEDBACK is toggled.
109.	04/16/2024	Forms - When running a form with a DB Check Box in a Scrolling Region R:BASE stops responding.
110.	04/15/2024	Database Explorer - With "Save Form with Preview" enabled, and the form is changed and saved, a miniature preview of the form is not displayed.
111.	04/12/2024	User Privileges - When a USER with CREATE privileges connects to a password protected database, the password is not checked if it is correct.
112.	04/09/2024	ODBC - When working with large NOTE data in ODBC tables, the data is incorrectly truncated.
113.	04/09/2024	Database Explorer - When altering the Appearance, and changing the Database Explorer > Object List color to something darker, the color reverts back to the prior Window color after selecting OK. The newly assigned color does not appear until a form or report is launched, or when switching to another Windows program with [Alt+Tab], where the color is then displayed in the background.
114.	04/09/2024	Oterro - The UPDATE command is not performed when referencing multiple tables.
115.	04/09/2024	Trace Debugger - When a command entered at the T> Prompt references an incorrect file name two of the same error message is displayed.
116.	04/08/2024	Trace Debugger - When tracing a command file where errors are encountered, the error is not displayed in the debugger. The error message should appear in the debugger, even if "ERROR MESSAGES" is SET to OFF.
117.	04/08/2024	File Gateway - When importing data into NOTE columns, the data is truncated at 4,000 characters.
118.	04/05/2024	Forms - When using the PROPERTY command to disable/grey out nodes/menu choices, the nodes are not disabled.
119.	04/02/2024	Forms - When running a Group Bar control where ampersand characters are defined for accelerator characters, the underscore is not displayed, but &.
120.	04/02/2024	Forms - When launching a form with several Variable Radio Group controls, the controls do not consistently appear as expected.
121.	04/02/2024	Reports/Labels - After the email settings in "Settings > Report/Label Designer > E-Mail Settings..." are configured the report is not sent.
122.	04/02/2024	Settings - When using the Settings > Configuration Settings dialog in the German language R:BASE product, the message states the configuration file is "not saved/nicht gespeichert", even though the setting is saved/changed.
123.	04/01/2024	Functions - The GETDATE function returns a NULL when a date is selected.
124.	03/29/2024	Commands - When using the FCONVERT command in a stored procedure, R:BASE reports "Illegal command in Entry/Exit Procedure."

125.	03/27/2024	Commands - When performing a SELECT, BROWSE, or CHOOSE command with DISTINCT and an ORDER BY, two duplicate records are returned.
126.	03/22/2024	Forms - When using Runtime and R:Compiler a hidden main form position is incorrectly saved and carried over to the R:BASE application.
127.	03/21/2024	Forms - When capturing the current WHERE clause for an Enhanced DB Grid, when "Use Extended Filter" is enabled, the returned clause is not valid.
128.	03/21/2024	Forms - When running a form in Enter mode, DB Edit fields are not being populated with the expected default values for system variables.
129.	03/20/2024	Data Designer - When creating a new table as a database user with full rights, that user has no rights to the newly created table.
130.	03/19/2024	Forms - A flicker behavior is noticed in forms, based on defined On After Start EEPs.
131.	03/12/2024	Forms - When launching a form with a scrolling region the lookup variables do not populate as expected.
132.	03/07/2024	Reports - When printing a report with several DB Calc objects in the Detail band the output is blank.
133.	03/06/2024	User Privileges - When unloading permissions, the full list of permissions for SYSTEM TABLES is not included in the output for the UNLOAD STRUCTURE FOR ACCESS command.
134.	03/06/2024	User Privileges - When a user is provided with all permissions for a database, an error is encountered when the user attempts to drop a form (or report or label).
135.	03/06/2024	User Privileges - When a user with full permissions attempts to adjust the IDQUOTES setting an error is encountered.
136.	02/29/2024	Reports/Labels - When printing a report with italic text to PDF output the text is not italic.
137.	02/26/2024	Query Builder - When opening a UNION-based view in the Query Builder the UNION tabs do not display the table name and SQL Statement panel information correctly.
138.	02/15/2024	BLOB Editor - In the rich text editor, the font size for highlighted text will not be properly applied using the font size dropdown in the toolbar, and in some cases will set the size to zero. The fix was also applied to the rich text editor in the Report/Label Designer.

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139.	02/01/2024	Reports/Labels - When printing a report with a Variable Memo where the variable contains CHAR(013) to separate the lines, the text does not wrap for long string values.
140.	01/31/2024	R:BASE Editor - When opening a large file within R:BASE Editor a message appears that the file is too big or access is denied.
141.	01/30/2024	Forms - When clicking on the column header for a DB Grid control the values no longer sort.
142.	01/29/2024	Database Explorer - After updating a form/report/label and returning to the Database Explorer, the updated item is listed "out of view" when the display is sorted by Date/Time in descending order. You must refresh or scroll up to see the newly updated object.
143.	01/29/2024	File Gateway - The command and ROWS_PER_FILE parameter runs without errors but the resulting file does not have rows in it.
144.	01/26/2024	Commands - When using the BROWSE command with EXCEPT for a column in the middle of the table, the data for columns after the exception column do not display correctly.

145.	01/25/2024	Database Explorer - When copying a report within the Database Explorer and selecting a new report and table name, the new report is blank.
146.	01/25/2024	Forms - When a DB Check Box contains centered text that is defined to wrap, the text is displayed behind the check box and is not visible.
147.	01/24/2024	Reports/Labels - When a report is printed a variable based upon a lookup variable is not populated in the output.
148.	01/22/2024	Reports/Labels - When a report object is assigned with the Auto Size property to True, the setting is not carried over when in R:BASE 11, which results in report text being truncated.
149.	01/18/2024	Error Messages - When launching a form where errors are encountered for form variables, the "Suppress Error Messages" check in the error dialog is not retained when checked on the box. The check mark clears upon the next error.
150.	01/18/2024	Forms - When launching a form containing a DBGrid in RBG11, the scroll bar arrow buttons are black or gray depending on the top/bottom or left/right button.
151.	01/17/2024	Reports/Labels - When a report label object contains an email address, the label is automatically changed to use a blue font color and is underlined when the report is printed in R:BASE 11.
152.	01/17/2024	Commands - When using an INSERT command from a SELECT based upon a complex view, R:BASE does not respond.
153.	01/09/2024	Launching R:BASE - The [Shift]+Click method to launch another R:BASE 11 session from the Windows taskbar is not working when R:BASE 11 is not pinned to the taskbar.
154.	12/27/2023	Commands - When using the PROJECT on a complicated view an error is encountered.
155.	12/22/2023	Commands - When using the UNLOAD command to unload data an error is encountered.
156.	12/22/2023	Commands - A memory error can be encountered when using the LAUNCH command.
157.	12/18/2023	Starting R:BASE - When I click the R:BASE icon from the taskbar R:BASE 11 starts up but I get an error each time and R:BASE exits.
158.	12/15/2023	Commands - When connecting to a DSN with the SCONNECT command using an ampersand variable an error is encountered.
159.	12/04/2023	Forms - The duplicate button in the DB Navigator control does not duplicate the existing record.
160.	12/01/2023	Forms - When using a numeric format in a DB Edit control on a form the formatting mask does not appear to be recognized.
161.	12/01/2023	Forms - When altering a form variable, and incorrectly placing an equal character in the Expression panel, the error message text includes odd/confusing text.
162.	11/30/2023	Reports/Labels - When printing a PDF report with images, the images in Break Header [0] are no longer centered.
163.	11/29/2023	Reports/Labels - When printing a large PDF report, the output file is created but does not grow in size larger than 1-2KB.
164.	11/28/2023	Commands/Plugins - When launching the CHOOSE command builder plugin from within a compiled application the window does not open.
165.	11/22/2023	Forms - When running a form with lookup variables, errors are displayed both when the form is launched, and also when the form is closed.

166.	11/20/2023	Commands - When using the PRINT command and the SMTP email (EMAIL ON) functionality, the email is not sent as expected.
167.	11/20/2023	Forms - When running a form, the variables are not being updated in Variable Edit fields.
168.	11/20/2023	Data Browser - When editing a table row in "View as Row" mode the values do not allow editing.
169.	11/02/2023	Data Browser - When performing a "Replace all Column Values" update within an ODBC attached R:BASE table, the data does not automatically refresh. I need to manually press the "Refresh" button in the Data Browser to see the changes occur.
170.	11/01/2023	ODBC - When performing prepared INSERT statements containing a large number of parameters, some with large values, the process stops responding.
171.	10/30/2023	User Privileges - When rebuilding a database from an UNLOAD, a permissions error is displayed for the database OWNER when granting ALTER permission to a user for a view.
172.	10/26/2023	Forms - The "Automatic Pop-up" and "Skip to Next After Pop-up" are available in the DB Grid, but not the Enhanced DB Grid.