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What's New in R:BASE X.5 (Version 10.5)
 UPDATE 4
 Official Release Version
 Build: 10.5.4.11007

Requested Enhancements	08/13/2021 - 10/07/2021
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Item	Date Implemented	Description
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- 01. 08/16/2021 R:BASE Editor - R:Style will now detect and report when duplicate label names (two identical instances of a LABEL command) appear within a single command file. This detection will help prevent an unintended branch target of a GOTO command.
- 02. 08/20/2021 R:BASE Editor - After R:Style is run and new words have been added to the RStyle.NEW file, could the status dialog include another panel or button, allowing the user to review the RStyle.NEW file. The button would close the status like OK, but would also open RStyle.NEW in the editor as another file tab. The RStyle.NEW file to open would be based upon either the Local or Global configuration in use. If there are no files added to the RStyle.NEW, the button can be hidden.
- 03. 08/23/2021 Plugins - A new TimeZone plugin has been implemented to determines the current time zone and daylight saving time settings for the computer. If the computer is configured for daylight saving time, the plugin returns date and local time when the transition from standard time to daylight saving time, and vice versa, occurs on the operating system.

PLUGIN TimeZone vResult|ACTION GET_INFO

The below variables are generated for a computer in the Eastern Standard Time zone, automatically adjusted to ON for daylight saving time:

Variable	= Value
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vRBTITZBias	= 300
vRBTITZStdName	= Eastern Standard Time
vRBTITZStdDate	= 11/01/0000 02:00:00:00
vRBTITZStdBias	= 0
vRBTITZDLName	= Eastern Daylight Time
vRBTITZDLDate	= 03/02/0000 02:00:00:00
vRBTITZDLBias	= -60
vResult	= OK - DST_IN_DAYLIGHT_DATE

04. 08/31/2021 Commands - A new REC_SEP parameter has been added to the GATEWAYIMPORT command to specify custom record separator values. The common value is CRLF (carriage return + line feed), which moves the parser down to the next line and then to the beginning of the line. A custom record separator can also be specified. Available Parameters: CRLF / CR / LF / <Custom>
- The File Gateway Import utility has also been updated to optionally specify custom record separator and text qualifier values. The drop-down menus will accept a custom entry by typing in a value.
05. 08/31/2021 R> Prompt - Please allow the tabs within the Favorite Commands dialog to be reordered by drag-n-drop with the mouse.
06. 09/01/2021 Forms - A new GETPROPERTY/PROPERTY command parameter has been implemented for the PDF Viewer control to support the logical page number in PDF documents, for documents that support such.
- GETPROPERTY CompID PAGELABEL vLogicalPageNum
07. 09/02/2021 Commands - When the LIST command displays an autonumbered column, it would be helpful to also reveal the next autonumber value and increment. These attributes are already displayed by LIST AUTONUM, but it would be convenient if they also appeared in the output produced by LIST TABLE and LIST COLUMNS.
08. 09/02/2021 Commands - The LIST DATABASES command currently generates the header "Databases in current directory". It would be more useful if it displayed the actual name of the current directory, since the user may maintain different versions of the same-named database (e.g., production and test versions) in different directories, and accidentally modifying the wrong version could be disastrous.
09. 09/07/2021 Printing Reports/Labels - R:BASE has been enhanced to automatically recognize the default printer when the default printer changes.
10. 09/17/2021 Error Messages - The Error Message Help utility was updated with changes to Areas, Error Messages, and Reasons, if a user would chance upon an encountered error.
11. 09/30/2021 Forms - All Web Browser form controls have been enhanced with a new "Engine Type" property to specify the browser engine (Internet Explorer/Edge) for displaying web pages. A data folder may be specified for the Edge session information. In order to use Edge as the browser engine, WebView2 Runtime must be downloaded and installed, and files must be placed accordingly. Please refer to the help file instructions for the appropriate Web Browser control. Users should note the addition of RBEdgeBrowser.ocx and WebView2Loader.dll as added files for the updates and installers.
- Allowing users and developers to easier transition the engine type for Web Browser based forms, by not having to modify all forms, application wide PROPERTY commands have been implemented:
- GLOBAL_BROWSER_ENGINE - Specifies the Web browser engine to display web pages, globally for the session. Parameters: NO_PREFERRED | IE | EDGE | EDGE_IF_AVAILABLE
- GLOBAL_EDGE_DATA_FOLDER - Specifies the folder location where Edge places the session information, globally for the session
- PROPERTYAPPLICATION GLOBAL_BROWSER_ENGINE EDGE
PROPERTYAPPLICATION GLOBAL_EDGE_DATA_FOLDER C:\Temp\EdgeData
- To check if WebView2 Runtime is installed, which is required to use Edge for Web Browser controls, a CHECK_WEBVIEW2 parameter for the GETPROPERTY command has been added. The result is either OK or NOT FOUND.
- GETPROPERTY APPLICATION CHECK_WEBVIEW2 'vWebView2Install'

Item	Date Fixed	Description
01.	08/13/2021	User Privileges - When I try to resize the table column it does not stay. The Table Privileges dialog is now larger, and can be resized as needed. Also, if the Table Privileges dialog is resized, the dimensions are retained for later use. The User Privileges dialog will also retain the dimensions if resized.
02.	08/13/2021	Form Designer - The Object Inspector EEPs display should not truncate text unnecessarily when there is ample room to display more.
03.	08/16/2021	Data Browser - When hovering over a truncated column-header in the Data Browser, the hint should pop up revealing the full column name. (It already does this in View as Tree Grid mode, but not in View as Grid mode.
04.	08/16/2021	Data Browser - The Save Layout option is grayed out except in View as Grid mode. The option should be available in View as Row mode, especially since Column Descriptions in Row Mode is meaningful in View as Row mode, and can be saved in the layout.
05.	08/20/2021	File Gateway - When importing a CSV file, the data is not loaded when "line feed only" delimited data is encountered in the file.
06.	08/23/2021	R> Prompt - When toggling the display of the Command History toolbar at the R> Prompt using [Ctrl+H], with a command displayed in the input console, each iteration of the key combination deletes a character from the end of the displayed command.
07.	08/23/2021	Database Explorer - When using the Database Explorer "Touch..." utility to update labels, the confirmation dialog at the end reads "Finished updating report(s)."
08.	08/26/2021	Forms - The Object Inspector EEPs display should name its EEPs consistently with the rest of R:BASE. For example, what is normally called "On After Start EEP" is reported by the Object Inspector as "OnCustomAfterEntryEEP". The difference makes it harder to map from one set of conventions to the other.
09.	08/26/2021	R:Compiler for R:BASE - When using the "Embed R:BASE Engine into Executable" setting, the option is not using the engine DLL located in the R:Compiler program folder as the initial location to select the file.
10.	08/27/2021	R:BASE Editor - The "Exclude empty command sections in Output Structure" setting should additionally apply to the displayed Structure Toolbar as well as to the various Output Structure options.
11.	08/27/2021	Forms - When converting a form Variable Rich Text control to an Advanced Variable Rich Text, the enabled "Word Wrap" setting does not transfer over to the Advanced control.
12.	08/31/2021	Reports - When printing a report with a DB Memo control in a Region, the characters overflow off the right side of the page.
13.	09/01/2021	R> Prompt - When a new Favorite Commands tab is added to place commands, and you do "not" yet add commands to the tab, it is dropped after closing and restarting R:BASE.

14. 09/02/2021 Forms - When adding panes to a Status Bar control, there is not a Control Type name assigned to the "Current Table" and "Current Field" panes when the object is selected and reviewing the details in the Object Inspector toolbar.
15. 09/02/2021 Data Dictionary - The various Status Bar panes (Key Status, Clock Status, Field Status, etc.) are not listed in the Data Dictionary under the Control Types tab.
16. 09/03/2021 Report Designer - When you copy and paste multiple fields in the Report Designer, the field names are not displayed in the pasted fields. You have to save/exit and go back in for them to show.
17. 09/07/2021 Form Designer - When the DB Navigator (not Enhanced) control's "Clear Hints" button is selected, the hints do not clear.
18. 09/09/2021 Data Browser - When a layout has been defined for a table, and then that table definition changes with a column removed/deleted, the table no longer opens when launched from the Database Explorer, when LAYOUT is set ON.
19. 09/17/2021 Data Browser - When browsing NOTE data in a table the "Show NOTE Hints" can be toggled on and off. But when enabled, and as a hint is displayed, if you turn off the setting, the hint remains stuck in the Data Browser. The hint will not disappear until the setting is toggled on and off again.
20. 09/17/2021 Forms - When double-clicking a DB Edit or DB Memo control for the popup menu, the response is slow if the query used to populate the list returns a lot of rows.
21. 09/17/2021 Data Browser - After the Update Query option is selected and the command is changed to an invalid syntax, changing the command to a valid command does not correct the Data Browser.
22. 09/23/2021 Forms - When the Record Number option is enabled for the Enhanced DB Grid control, the displayed record numbers (1 ... nnnn) are based on the starting data set. When the grid is updated based on a filtered criteria, the Record Number(s) are not re-sequenced (numbered) from 1 nnnn. It still shows the original numbers based on the starting data set.
23. 09/23/2021 Forms - When filtering an Enhanced DB Grid using the filter option, the Record # and Row Count is still based on the starting data set and not the filtered records. It would be nice to either add a new/enhanced DB Navigator to address that feature or have an option to use the Record# and Row Count based on filtered records.
24. 09/30/2021 Functions - Other than TEXT, the CVTYPE function does not return length value when the column is defined as such. The NOTE, WIDETEXT, and WIDENOTE data types are not returned with the length values when defined.
25. 10/04/2021 Help Files - The (ISTAT('DBSIZE')) function help file chapter was updated to include details for the default data type (INTEGER), and advisement to use a larger numeric data type (DOUBLE, BIGNUM), as the return variable for larger databases (over 2GB).
26. 10/04/2021 Commands - When performing a RELOAD where temporary tables and/or views are defined within a database, an internal lock error is encountered.