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What's New in R:BASE X.5 (Version 10.5) UPDATE 2 Official Release Version Build: 10.5.2.1111

Requested Enhancements

09/27/2019 - 11/11/2019

Item	Date Implemented	Description
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01. 10/01/2019

Commands - It would be helpful in situations to be able to use the ALTER TABLE ... ADD COLUMN command syntax to add a column dynamically by creating the column definition from the attributes of a column in another table.

The enhancement is for the ALTER TABLE command, which is an enhancement for the CREATE TABLE command as well. The implemented behavior will "duplicate" the definition of a column that already exists in the database in another table. The enhanced syntax uses "DUPLICATE" as a keyword followed by the table and column name for which the column definition is to be duplicated.

The "DUPLICATE" feature will copy the data type, length, any default value, and the NOT NULL flag, if any. It will not support computed columns. It will also not duplicate any description for the column.

ALTER TABLE Example:

```
ALTER TABLE TSALES_ORDERS +  
ADD COLUMN CUST_DESC +  
DUPLICATE CUSTOMERS.CUST_DESC
```

CREATE TABLE Example:

```
CREATE TEMPORARY TABLE Temp1 +  
(tEmpID INTEGER, +  
tEmpWebAddr DUPLICATE Employee.WebAddress, +  
tEmpStartDate DATE)
```

The above will create the tEmpWebAddr column with the same type and default value as WebAddress in the Employee table.

02. 10/02/2019 Commands - It would be nice if the CopyToClipboard parameter supported rich text controls and data.
- The implementation of COPYTOCLIPBOARD now supports in Rich Edit, Edit, Image, and Memo controls. The parameter also includes an additional SELECTED value, which only copies the highlighted text. Otherwise, if TRUE is passed as the value, all text in the control is copied.
- PROPERTYCompID COPYTOCLIPBOARD TRUE[SELECTED]
03. 10/03/2019 Forms - New "Duplicate" tile and "Edit Custom EEP" buttons have been added to the Tile Menu Control as time-saving features when tile items have many custom values and to directly modify the tile "On Click" EEP.
04. 10/04/2019 R:BASE Editor - It would be helpful if the "Insert" menu bar options, to insert the date, time, a GUID, commands, or a file, were available when launching the R:BASE Editor for Custom EEPs.
05. 10/07/2019 Database Conversion - When converting forms, reports, and labels from legacy DOS/Windows releases, it would be very helpful to create a text log file to review all status messages and errors to handle each converted form, report, or label accordingly.
06. 10/10/2019 Forms - PNG image support has been implemented for the Tree View and DBTree View controls. The properties allow for PNG images to be loaded, including a shared dimension for the images. When PNG images are specified, the bitmap based images are ignored. The default PNG dimension is 24.
- PROPERTYTreeViewMenu USEPNG 'TRUE'
PROPERTYTreeViewMenu PNGSIZE '32'
07. 10/16/2019 Forms - The Web Browser controls within the R:BASE Form Designer were updated with dynamic properties to allow manipulation of HTML controls in EEPs. The dynamic properties are useful in the following:
- . Integrating local data with web sites that do not have an API
 - . Automating web page tasks within R:BASE
 - . Extracting data from web pages
08. 10/21/2019 Error Messages - All "file not found" error messages have been enhanced to identify the missing file name and the full path. The messages have also been updated to conform to an identical text and results, where applies.
09. 10/22/2019 Forms - A "Highlight Text Color" property has been added to the Split View control. The property specifies the text color for menu item when highlighted, where the mouse cursor is hovered over the menu item.
- PROPERTYSplitView1 HIGHLIGHTTEXTCOLOR 'BLACK'
10. 10/22/2019 Settings - The TIMEOUT setting logic has been improved to now close normally as if the main form is closed. With the normal close process, the behavior is like clicking the "X" close button of the main R:BASE window. If there are prompts like questions to save/close, then that dialog will stay displayed for a maximum of 10 seconds. After 10 seconds, the process is terminated.
11. 10/28/2019 Forms - The tile properties for Tile Menu form controls may now be altered by the Tile ID value. The functionality allows for tiles to be manipulated with the PROPERTY and GETPROPERTY commands similar to Property ID values. The command below will disable the tile, assuming the Tile ID is equal to DBMaint.
- PROPERTYDBMaint ENABLED 'FALSE'

12. 10/31/2019 R:BASE Editor - The Insert GUID functionality inserts values with apostrophes, square brackets and braces. However, the apostrophe and square brackets are not always desired for GUID data.
- The R:BASE Editor settings were enhanced where the default character assigned to the inserted GUI value can be specified with three check box options.
13. 11/04/2019 Commands - Added CODELOCK 6 option to specify an input folder location and file extension followed by an output folder, to CodeLock the entire source into individual locked files. The CodeLock GUI module also includes the added option.

CODELOCK 6 D:\CmpSource*.rmd D:\CmpLocked

Item	Date Fixed	Description
01.	09/27/2019	Forms - When double clicking within an Advanced Variable Rich Edit control the Rich Text editor does not display.
02.	09/30/2019	Forms - On a fresh start of a form (first launch), the "On Date Change" EEP for the Variable Date/Time Picker does not execute. If you change the dates back and forth a few times, the EEP fires accordingly and then everything works from there on.
03.	09/30/2019	Reports - When a report is printed to a large PDF document where an image object is designated as a JPG, a memory allocation issue can result when the image is converted to a bitmap image.
04.	10/08/2019	Reports - When PROPERTYREPORT FIND_TEXT_IN_PREVIEW ON is added to an R:BASE environment, a report is printed twice when previewing a report and then selecting the Print button.
05.	10/18/2019	Commands - When you unload data for a table or to an ASCII file with the ANSIOUTPUT setting to ON, and the first field with a high order character, CHAR(128) through CHAR(255), has only a single high order character, then it will be unloaded as ?? for that character.
06.	10/18/2019	Forms - When using PROPERTYAPPLICATION TASKBARBUTTON 'TRUE' for a form and pressing [Windows Logo+D] key combination to go to the desktop, returning to R:BASE does not display the form, and it appears R:BASE is locked, where the form is not seen anywhere. R:BASE must be closed from the Task Manager.
07.	10/23/2019	Forms - When assigning a format mask to a phone number field upon a form, using the predefined value (!\000)\ 000\0000:0) within property editor, the field cursor is positioned on the open parenthesis and not a valid position when running the form and entering the data.
08.	10/24/2019	Functions - The CVTYPE function works for table columns, but does not return the expected values for SYSTEM table columns.
09.	10/24/2019	System Tables - Within the SYS_TYPES system table, there are discrepancies between the NUMERIC and BIGNUM datatypes in several fields. The SYS_CASE_SENSITIVE value is to be 0 for the BIT, BITNOTE, and VARBIT datatypes.
10.	10/25/2019	RDCC Client - After logging in, the menu option to review the User Details does not display my user information.
11.	10/29/2019	Forms - When a form is launched in "Enter" mode with a format mask defined for an edit field, where the mask does not match the data in the table, the display of the data is altered incorrectly when leaving and returning to the field. Also, it is not possible to get the focus to the end of the field, and if the entered values are deleted, and the focus moves to another field, the value reappears. It is now possible to use a non-matching format mask when entering data through a form. For Edit mode, the data in the table and the format mask must match.
12.	10/31/2019	Indexes - When selecting data from a table where an index (or key) is assigned to a GUID datatype column, and the WHERE Clause condition for the query specifies values where the GUID column IS NULL, the expected results are not returned.
13.	11/06/2019	Codelock - When creating a large table with a Codelocked command file, the table is not defined, as when the file is not locked. The Codelock procedure was updated to utilize increased size limits related to the binary expansion of Codelock data.