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Thursday, October 15, 2020

## What's New in R:BASE X.5 (Version 10.5) UPDATE 3 Official Release Version Build: 10.5.3.11014

Requested Enhancements

08/21/2020 - 10/15/2020

Item	Date Implemented	Description
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01.	08/31/2020	Forms - Can we have a check box to not display today's date as highlighted?
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A new "Empty Date On Null Variable" property has been introduced for the Enhanced Variable Calendar and Enhanced DB Calendar controls. If the property is True, instead of using NOW for NULL variables, the calendar will use zero as the date. The default value is False. The "Today's Date Frame" color should be set to Window (or whatever color is used for the calendar background) to improve user clarification.

```
PROPERTY EmployeeDT EMPTYDATEONNULLVAR 'TRUE'
```

02.	09/01/2020	Commands - Similar to new feature enhancement with GETDATE option in which the font type and size for the calendar and buttons are command syntax options, I am requesting the same enhancement to the DIALOG command with Popups, as DateTime (and Date).
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The DATE/TIME/DATETIME popups will take the font settings based on the input control:

```
. INPUT_FONT_NAME  
. INPUT_FONT_COLOR  
. INPUT_FONT_SIZE
```

03.	09/11/2020	Forms - An added "Low Resolution View Finder" property for DB/Variable Image Controls is available to specify the camera capture functionality will use a low-resolution feed for the view finder, but still take a picture using the target resolution. The option makes the camera more responsive. Note that when this property is checked (True), there will be a slight pause in the view finder when the picture is taken. This is because the camera will reset to the target resolution and take the actual picture.
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```
PROPERTY EmployeeImage LOWRESOLUTIONVIEWFINDER 'TRUE'
```

04.	09/11/2020	Report/Label Designer - In the Object List toolbar on the Existing tab, please show the Component ID, if set, for each individual item/control instead of (or in addition to) the Object Name. This will make it easier to quickly find a particular control, especially on a report with many controls/objects.
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05. 09/14/2020 Report/Label Designer - When an image is resized (Standard Controls - Image) by directly entering a height or width in the Object Inspector or using the Position dialog with Maintain Aspect Ratio and Stretch both checked if the resized image is smaller than the image container/control the image will end up with white space to the right or below.
- A new "Maintain Aspect Ratio On Resize" property setting has been added in the Image control to keep the aspect ratio on resize.
06. 09/15/2020 Forms - A new GETPROPERTY parameter has been implemented to verify if a photo was captured successfully with the DB Image or Variable Image controls. The property should be used after the using CaptureFromVideoEx. The returned value is True/False.
- GETPROPERTY EmployeeImage PHOTOCAPTURED vCapturedOK
07. 09/17/2020 Forms - It would be nice to have an Orientation option for the Enhanced DB Navigator, like in the old DB Navigator, to select vertical or horizontal.
08. 09/21/2020 Forms - A new PROPERTY parameter has been implemented for DB Lookup List View and Variable Lookup List View controls which specifies to scroll the current selection into view.
- PROPERTY CustomerListView SHOWSELECTEDITEM 'TRUE'
09. 09/22/2020 Forms - When entering new data in a form and where a RULE violation occurs, the form focus allows for the cursor to move to the next table and out of the current field. In this DOS to Windows conversion, the prior release and form focus would automatically move to the field for which the RULE violation occurred. It was attempted to have an EEP perform the same validation, but there are several rules for the table, and there are many forms where the rules apply.
- A new "Rules Validation on Focus Change" form setting has been implemented which determines the focus behavior when moving between form fields when a rules violation occurs. The option allows or does not allow the focus to change. When a rules violation occurs and the focus does not change, it allows the user to better recognize the violation upon forms with many fields.
10. 09/25/2020 Forms - It would be nice if the images for the navigator buttons will resize proportional to the button size.
- The Enhanced DB Navigator has been enhanced allowing users to load their own images to be assigned to the navigator buttons.
11. 09/29/2020 Forms - A new APPLICATION PROPERTY has been implemented to check if data has changed prior to using SAVEROW in a form EEP. When the property is ON, SAVEROW will post data only if the table is in edit mode and data values were changed. The default is OFF.
- PROPERTY APPLICATION CHECK\_STATE\_ON\_SAVEROW ON
12. 10/14/2020 Forms - GETPROPERTY command parameters have been added for DB Image and Variable Image controls to check the accessibility of camera devices for a coomputer, as a camera may be installed, but not available due to privacy settings.
- DeviceCameraCount - Captures the number of camera devices that can be detected  
 CheckCameraAccess - Tests if a camera can be accessed using a zero-based index on the camera
- Examples:
- GETPROPERTY EmployeePhoto DEVICECAMERACOUNT vCameraCount  
 GETPROPERTY EmployeePhoto 'CHECKCAMERAACCESS[0]' vCameraAccess

Item	Date Fixed	Description
01.	08/21/2020	Commands - When performing a query with an ORDER BY using a TEXT (1) column followed by a DATE column as the sorting criteria, the dates are not sorted as expected.
02.	08/25/2020	Forms - I have a form that has a child table with a DB Image control. If I select a row that has an image in the child table, the image displays. However, if I select a row after, which does not have an image row in the child table, the image still shows.
03.	08/31/2020	Report/Label Designer - Fixes have been added to the Designer for the rendering of reports with non-Unicode characters in non-US locales.
04.	08/31/2020	Report/Label Designer - When the default printer for the operating system contains higher ANSI characters in the printer name and properties, the Report/Label Designer does not open correctly.
05.	09/01/2020	Forms - When specifying more than a single word for the Default value for the DB Edit control, only the first word appears when entering a new record.
06.	09/04/2020	Forms - When inputting Japanese data in a NOTE data type column, some values are interpreting the carat character incorrectly.
07.	09/09/2020	Reports - When printing a report to the PDF format which contains Japanese locale characters, the report information is garbled text.
08.	09/11/2020	Report/Label Designer - If you load a picture in Report Designer (Standard Controls - Image) by right clicking on the Image control and then selecting the Picture... option, the dialog box has many image choices. If you use the Picture option in the Object Inspector and then click the Load button on the resulting dialog, there are far fewer image choice options. I think they should have the same list of acceptable image types.
09.	09/11/2020	Report/Label Designer - Enabling or disabling Direct Draw for an image (Standard Controls - Image) that has been resized causes the image to revert to its original dimensions. The image can still be resized, but I don't think this is intended behavior.
10.	09/16/2020	Commands - When displaying UTF-8 characters which are not standard ASCII characters, and not all of the text would fit on one line and had to wrap (uses a space if one can be found), a variable value could end up being wrapped in the middle of a multiple set of bytes for a UTF-8 character.
11.	09/25/2020	Commands - When using SDETACH ALL NOCHECK for a database in STATICDB mode, an error is displayed. If "SDETACH TableName" is used, the ODBC table is removed as expected.
12.	09/29/2020	Commands - When using UTF-8 characters for CASE statements in SWITCH/ENDSWITCH control structures, the expected CASE is not recognized.
13.	09/30/2020	Data Designer - When indexes based upon long column names are created, the full value and order (ASC/DESC) is not visible.
14.	10/01/2020	Commands - When checking a variable value for True/False with the "not equal" (<>) condition, the value is being interpreted as a Boolean value, even though the BOOLEAN setting is OFF.
15.	10/14/2020	Reports - Landscape designed reports are printing as portrait.