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What's New in R:BASE Turbo V-8 for Windows! (UPDATE 15) Build: 8.0.15.30719

Requested Enhancements:

01. 512-Bit Built-in File Encryption
02. External Form Files for Totally Portable and Independent Applications
Database Explorer | External Form Files
03. Drag and Drop Functionality in Forms
Right-click on any form control that supports "Drag and Drop" . Notice the following options on speed menu:
Enable Drag and Drop
On Start Drag ...
On Drag Drop ...
04. Additional OPTION Parameters for MDI Reports
Example:

```
CONNECT RRBYW12
PRINT Invoice WHERE TransID = 1002 OPTION SCREEN MDI +
|WINDOW_STATE MAXIMIZED +
|ZOOM_TYPE PERCENTAGE +
|ZOOMPERCENT 62
RETURN
```
05. Custom Settings for Built-In Crosstab Controls in Report Designer
Report Designer | Crosstab Control | Configure ...
Right-click on Column or Row header
Now you may customize the "Title", if you wish
06. 512-Bit Built-in File Encryption for the OUTPUT command

```
OUTPUT filename.ext ENCRYPT password
UNLOAD SCHEMA
OUTPUT SCREEN
```

07. TOP and LEFT parameters for #WHERE, CHOOSE, DIALOG, PAUSE and PRNSETUP Commands

Example 01:

```
CLS
CHOOSE vWhere FOR #WHERE IN Customer +
OPTION TOP 10 +
|LEFT 10 +
|THEMENAME R:BASE Rocks!
RETURN
```

Example 02:

```
CLS
CHOOSE vCustIDTxt FROM #VALUES FOR +
(LJS(Company,40)&CustCity+', '&CustState),CustID +
FROM Customer ORDER BY Company +
CHKBOX 1 TITLE 'Company Name and Location' +
CAPTION 'CHOOSE Command' LINES 20 FORMATTED +
OPTION LIST_FONT_COLOR MAROON +
|LIST_BACK_COLOR WHITE +
|TITLE_FONT_COLOR MAROON +
|TITLE_BACK_COLOR WHITE +
|WINDOW_BACK_COLOR WHITE +
|TITLE_FONT_SIZE 14 +
|TITLE_FONT_NAME VERDANA +
|WINDOW_CAPTION +
|BUTTONS_SHOW_GLYPH ON +
|BUTTONS_BACK_COLOR WHITE +
|TOP 30 +
|LEFT 20 +
|THEMENAME R:BASE Rocks!
RETURN
```

Example 03:

```
DIALOG 'Enter Company Name' vResponse=26 vEndKey 1 +
CAPTION ' Dialog Command' ICON APP +
OPTION TOP 200 +
|LEFT 300 +
|THEMENAME R:BASE Rocks!
RETURN
```

Example 04:

```
PAUSE 2 USING 'Testing TOP and LEFT Coordinates ...' +
CAPTION ' PAUSE Command' ICON APP +
OPTION TOP 200 +
|LEFT 300 +
|THEMENAME R:BASE Rocks!
RETURN
```

Example 05:

```
PRNSETUP +  
OPTION CAPTION Select Printer +  
|TOP 10 +  
|LEFT 10 +  
|THEMENAME R:BASE Rocks!  
RETURN
```

- 08. 512-Bit Built-in File Encryption for all command files, EEPs, using RBEEdit, Save, Save AS ...
- 09. Form Opening Behavior Options
Form Designer | Form Properties | Miscellaneous | Form Opening Behavior
- 10. New Tab Set Control (Additional Controls | Tab Set Control) in Form Designer
- 11. DB Grid Options to Support Zebra Stripe and Sorter Icons
Form Designer | DB Grid Control | Properties | Options ...
 - [] Zebra Stripe
 - Even Color
 - Odd Color
- 12. Multi-Select Properties for Variable Lookup ListBoxes
Form Designer | Variable Controls | Variable Lookup ListBox | Properties | [] MultiSelect
- 13. New Commands (REFF, DEFF) to Run and Design External Form Files
- 14. Additional PLUGIN command options to match your application and form themes
- 15. GATEWAY EXPORT Options to Create Colorful XLS Worksheets
- 16. GATEWAY EXPORT options to Create a Multi-Page XLS Workbook
- 17. USING paramlist increased from 9 to 18
- 18. USING paramlist string length increased from 48 characters to 4000
- 19. Support for SSQL command in EEPs
- 20. Optional Settings for Warning When Closing an R:BASE Session.
Database Explorer | Main Menu | Settings | Warn When Closing R:BASE Session
- 21. Additional PROPERTY options for DB/VARIABLE Calendar controls
- 22. All Custom Form Actions, Custom EEPs (Forms/Labels/Reports) and Stored Procedures will now run in memory instead of temporary files
- 23. Enhanced CONNECT procedure to check the valid entries in SYS_PASSWORD system table.
- 24. Enhanced ON CONNECT ... SAVE command
- 25. New (GETVAL('GetLock', 'tableviewname')) function to programmatically find the LOCK status of a table or view.

26. Additional PRINT Command Options to customize Print Preview

Example 01:

```
CLS
PRINT Invoice WHERE TransID = 1002 +
OPTION SCREEN +
|WINDOW_STATE MAXIMIZED +
|ZOOM_TYPE PERCENTAGE +
|ZOOMPERCENT 90 +
|THEMENAME Razzmatazz +
|PREVIEW_BACKGROUND_COLOR 16180442 +
|PREVIEW_CAPTION Running R: BASE Your Way!
RETURN
```

Example 02

```
CLS
PRINT Invoice WHERE TransID = 1002 +
OPTION SCREEN +
|WINDOW_STATE MAXIMIZED +
|ZOOM_TYPE PERCENTAGE +
|ZOOMPERCENT 90 +
|THEMENAME R:BASE Rocks! +
|PREVIEW_BACKGROUND_COLOR [R234,G234,B234] +
|PREVIEW_CAPTION Running R: BASE Your Way!
RETURN
```

27. Additional OPTION of **AUTOSELECT** for DIALOG Command:

```
CLS
SET VAR vTest TEXT = 'R:BASE Rocks!'
DIALOG 'Enter Text Messge' vTest=26 vEndKey 1 +
CAPTION 'Using AUTOSELECT' ICON APP +
OPTION AUTOSELECT TRUE +
|THEMENAME R:BASE Rocks!
RETURN
```

28. Support for R:PDF417 Plugin to generate Dynamic 2D PDF417 Barcode in Labels/Reports.
(R:PDF417 Plugin is sold separately - www.rpdf417.com)

29. Additional RBTI_FORM_COMPID system variable has been added to the list of RBTI System Variables, used in Forms. In addition to everything else, RBTI_FORM_COMPID variable will return a text value of Form Component ID, if defined for a selected (focused) control.

A comprehensive list:

- RBTI_DBGRID_COLUMN
- RBTI_DIRTY_FLAG
- RBTI_FORM_ALIAS
- RBTI_FORM_COLNAME
- RBTI_FORM_COLVALUE
- RBTI_FORM_COMPID**
- RBTI_FORM_DATATYPE
- RBTI_FORM_DIRTYVAR
- RBTI_FORM_FORMNAME
- RBTI_FORM_MODE
- RBTI_FORM_TBLNAME
- RBTI_FORM_VARNAME
- RBTI_FORM_VARVALUE

30. Additional feature of "Duplicates..." has been added to the Data Browser/Editor Main Menu Calculate options. (#E72972)
- Data Browser/Editor | Main Menu | Calculate | Duplicates...
31. Data Browser/Editor:
- If a column is already selected or focused, you will not be asked to select the column name again when using the Calculate options from the Data Browser/Editor Main Menu.
32. Support for TRACE SELECT ... command in EEPs.
33. Report/Label Designer:
- Additional option of "Use Border" has been implemented to draw the border around Static, DB or Variable Label when checked. The default is set to un-checked.
- Converting any Reports or Labels from R:BASE 6.5++ for Windows to 7.6 for Windows will carry over this object property, if used.
34. Enhanced DROP ALL VIEWS EXCEPT command
- Example:
- DROP ALL VIEWS EXCEPT viewname1, viewname2
35. New Walkmenu Time Interval Setting to control the WALKMENU speed for CHOOSE, ListBox, ComboBox and Pop-up Menus.
- Database Explorer | Main Menu | Settings | Walkmenu Time Interval ...
- The time interval must be specified in milliseconds.
- For example:
- 1000 for 1 second
1500 for 1.5 seconds
- The default value is set to 1500 ms.
- You may also control the WALKMENU time interval setting by using the PROPERTY command.
- Example:
- SET WALKMENU ON
PROPERTY APPLICATION WALKMENUTIMEINTERVAL nnnn
- About WALKMENU:
- SET WALKMENU ON allows the user to access list item selections by typing the beginning characters (up to when a match is made) of their names.
36. New table driven Row Background Color option for DB Grid control.
- Form Designer | DB Grid Control | DB Grid Properties | Effects ...
- Row Background Color Field ...

37. Multi-Select Properties for Variable Lookup ListView
Form Designer | Variable Controls | Variable Lookup ListView | Properties | [] MultiSelect
38. New (CHKVAR('varname')) Function
Checks to see if a variable name exists. The function returns an integer value of 1 if the variable name exists or declared, and 0 if it is not found or declared.
39. New (CHKCUR('cursorname')) Function
Checks to see if a cursor is declared and is not dropped. The function returns an integer value of 1 if the name exists and is not dropped, and 0 if it is not declared or dropped.
40. New table driven Row Font Color option for DB Grid control.
Form Designer | DB Grid Control | DB Grid Properties | Effects ...
Row Font Color Field ...
41. Enhanced UNLOAD STRUCTURE Command
- | | |
|----------------------|---|
| Traditional Command: | UNLOAD STRUCTURE FOR tablename
Includes:
- Character Settings
- DISCONNECT Statement
- Define Settings for STATICDB, ROWLOCKS and FASTLOCK
- CREATE Database ... statement
- CREATE TABLE ... statement
- ALTER TABLE statements to ADD PRIMARY KEY, etc ...
- CREATE INDEX statements to create INDEXes
- COMMENT ON statements for each column
- COMMENT ON statement for table |
| Enhanced Command: | UNLOAD STRUCTURE FOR TABLE tablename
To unload Table Definition only |
| Enhanced Command: | UNLOAD STRUCTURE FOR tablename NOSCHEMA
To unload Table Definition with Constraints, Indexes and Comments |
| Traditional Command: | UNLOAD ALL FOR tablename
Includes:
- Character Settings
- DISCONNECT Statement
- Define Settings for STATICDB, ROWLOCKS and FASTLOCK
- CREATE Database ... statement
- CREATE TABLE ... statement
- Define Settings for CASE, AUTOSKIP, REVERSE, BELL, NULL, DATE YEAR, DATE CENTURY, DATE SEQUENCE, TIME SEQUENCE, TOLERANCE, and ZERO
- LOAD statement to load data
- Define Settings for DATE FORMAT, TIME FORMAT, DATE SEQUENCE, TIME SEQUENCE
- ALTER TABLE statements to ADD PRIMARY KEY, etc ...
- CREATE INDEX statements to create INDEXes
- COMMENT ON statements for each column
- COMMENT ON statement for table |

42. Enhanced Speed Menu Options for Database Explorer | Table | Unload

Database Explorer | Tables | Select Table | Right-Click | Unload

- Structure ...
- Definition ...
- Definition with Constraints, Indexes and Comments...
- Structure and Data ...

43. Today, I spent almost 20 minutes preparing to import a very large Excel spreadsheet using GUI Gateway Import option. After defining the many columns, I pressed OK and got the message that the table name I had chosen was not allowed. Of course it wasn't, since I entered 'New Schedules' on the for instead of 'NewSchedules' The request ... is there any way the system could check the table name when it is entered to see if it is OK rather than waiting until all the columns have been defined? It would surely help folks like me with a heavy space bar thumb. - Implemented

44. Additional PROPERTY Commands to Support the Table options for Add or Delete Rows in a form.

```
ENABLE_ADD_NEW_ROWS
DISABLE_ADD_NEW_ROWS
ENABLE_DELETE_ROWS
DISABLE_DELETE_ROWS
```

Examples:

- To enable the option for **Add New Rows to the Table**

```
PROPERTY TABLE tablename ENABLE_ADD_NEW_ROWS
```

- To disable the option for **Add New Rows to the Table**

```
PROPERTY TABLE tablename DISABLE_ADD_NEW_ROWS
```

- To enable the option for **Delete Rows**

```
PROPERTY TABLE tablename ENABLE_DELETE_ROWS
```

- To disable the option for **Delete Rows**

```
PROPERTY TABLE tablename DISABLE_DELETE_ROWS
```

45. A new RBTI_REPORT_NAME system variable for reports (Design and Runtime).

46. Now you can customize CrossTab Grid Color in Reports.

Report Designer | Advance Controls | Cross Tab

CrossTab Properties (Right-Click) | Grid Color ... | Select Color

You may also use the following PROPERTY command as "Before Generate EEP" to dynamically change the CrossTab grid color:

```
PROPERTY <CrossTabComponentID> GRIDCOLOR colorname
```

Example:

```
PROPERTY CrossTab GRIDCOLOR 'MAROON'
RETURN
```

47. New GETPROPERTY command to find out if the running application is using is the actual full version of R:BASE for Windows or a compiled application.

GETPROPERTY APPLICATION ISCOMPILED varname

48. Ability to create and destroy form objects at runtime (#E73013) - Implemented

49. Database Explorer Additional Setting: Double-Click to Open Designer

Database Explorer | Settings | Database Explorer | Double Click Open Designer

50. New SET FEEDBACK Command:

Syntax: SET FEEDBACK ON/OFF

Default: OFF

With this setting ON, R:BASE for Windows displays the number of rows processed and the elapsed time to completion in the new pause look-alike form at the center of the screen.

This setting displays processing results when either calculating, sorting, inserting or editing more than 100 rows.

Supported commands:

- 01. ALTER TABLE
- 02. COMPUTE
- 03. CREATE INDEX
- 04. CROSSTAB
- 05. DELETE
- 06. INSERT
- 07. The data transfer for the JOIN of two tables
- 08. LOAD
- 09. The data transfer for a PROJECT command
- 10. SELECT
- 11. SORTing a huge record set
- 12. The data transfer for a SUBTRACT of two tables
- 13. TALLY
- 14. The R:BASE UNION command

51. New SET PROGRESS Command:

Syntax: SET PROGRESS ON/OFF

Default: OFF

Use SET PROGRESS ON command to display a cool progress bar to show the progress when building indexes, packing or reloading a database.

You may use this new setting when rebuilding INDEXes, PACKing or RELOADing a database.

Example 01:

CONNECT RRBYW14
PACK INDEX

Example 02:

```
CONNECT RRBYW14
PACK TABLE Customer
PACK TABLE InvoiceHeader
PACK TABLE InvoiceDetail
```

Example 03:

```
CONNECT RRBYW14
RELOAD RRBYWNEW
```

Example 04:

```
DISCONNECT
SET MULTI OFF
PACK RRBYW14
SET MULTI ON
```

Example 05:

```
DISCONNECT
SET MULTI OFF
CONNECT RRBYW14
PACK
SET MULTI ON
```

- 52. Support for using images in DB and Variable Lookup ListView controls.
- 53. Support for using database wild card symbol (%,*) anywhere for Component ID to change PROPERTY command (E#72276, E#72914).

Example:

```
PROPERTY FontControl% VISIBLE 'FALSE'
RETURN
```

```
PROPERTY %ontControl VISIBLE 'FALSE'
RETURN
```

```
PROPERTY %ontCon% VISIBLE 'FALSE'
RETURN
```

- 54. New GAUGE Options for PAUSE Command:

Example 01:

```
CLS
PAUSE 3 USING 'Calculating ... Please Stand By ...' +
CAPTION ' Pause 3 with Gauge ' ICON APP +
OPTION GAUGE_VISIBLE ON +
|GAUGE_COLOR [R218,G228,B246] +
|GAUGE_INTERVAL 10 +
|MESSAGE_FONT_NAME VERDANA +
|MESSAGE_FONT_SIZE 10 +
|MESSAGE_FONT_COLOR BLUE +
|THEMENAME Razzmatazz
-- Put your code, that takes a lot of time, here ...
-- Use CLS command to clear the PAUSE 3 with gauge
RETURN
```

Example 02:

```
CLS
PAUSE 3 USING 'Calculating ... Please Stand By ...' +
CAPTION ' Pause 3 with Gauge ' ICON APP +
OPTION GAUGE_VISIBLE ON +
|GAUGE_COLOR 2708091 +
|GAUGE_INTERVAL 10 +
|MESSAGE_FONT_NAME VERDANA +
|MESSAGE_FONT_SIZE 10 +
|MESSAGE_FONT_COLOR RED +
|THEMENAME R:BASE Rocks!
-- Put your code, that takes a lot of time, here ...
-- Use CLS command to clear the PAUSE 3 with gauge
RETURN
```

Example 03:

```
CLS
PAUSE 3 USING 'Calculating ... Please Stand By ...' +
CAPTION '          Pause 3 with Gauge ' +
ICON WINDOWS +
OPTION GAUGE_VISIBLE ON +
|GAUGE_COLOR RED +
|GAUGE_INTERVAL 10 +
|MESSAGE_FONT_NAME VERDANA +
|MESSAGE_FONT_SIZE 10 +
|MESSAGE_FONT_COLOR WHITE +
|THEMENAME Steel Blue
-- Put your code, that takes a lot of time, here ...
-- Use CLS command to clear the PAUSE 3 with gauge
RETURN
```

- 55. Support for using Images in Variable/DB ListView Controls
- 56. Support for drawing DB Grid Column Titles with Gradient
- 57. Support for using Images in DB TreeView Control
- 58. Support for Multiline Titles in DB Grid Control
- 59. Support for Multiline Rows in DB Grid Control
- 60. Support for SATTACH TEMPORARY tablename USING ... command (#E73018)
- 61. Enhanced CREATE TABLE command to support CASCADE, CASCADE EDIT or CASCADE DELETE options
- 62. Enhanced ALTER TABLE command to support CASCADE, CASCADE EDIT and CASCADE DELETE options
- 63. Enhanced Data Designer (RBDEfine) to support CASCADE, CASCADE EDIT and CASCADE DELETE options
- 64. New LIST CASCADE command to list Tables and Cascade Type, if defined.
- 65. Reports: CrossTab Control
Ability to customize the captions for "Grand Total" column cell
- 66. PROPERTY command to support all Properties and Values as provided in the Object Inspector Window of Enterprise Edition.

67. Support for the PROPERTY <CompID> TEXTVALUE value command for the following controls:

DB Lookup ComboBox
Variable Lookup ComboBox
DB Lookup ListBox
Variable Lookup ListBox

Examples:

```
PROPERTY <DBLookupComboBoxCompID> TEXTVALUE 'YourTextValue'  
PROPERTY <VariableLookupComboBoxCompID> TEXTVALUE 'YourTextValue'  
PROPERTY <DBLookupListBoxCompID> TEXTVALUE 'YourTextValue'  
PROPERTY <VariableLookupListBoxCompID> TEXTVALUE 'YourTextValue'
```

68. Support for the GETPROPERTY <CompID> TEXTVALUE varname command for the following controls:

DB Lookup ComboBox
Variable Lookup ComboBox
DB Lookup ListBox
Variable Lookup ListBox

Examples:

```
GETPROPERTY <DBLookupComboBoxCompID> TEXTVALUE 'VariableName'  
GETPROPERTY <VariableLookupComboBoxCompID> TEXTVALUE 'VariableName'  
GETPROPERTY <DBLookupListBoxCompID> TEXTVALUE 'VariableName'  
GETPROPERTY <VariableLookupListBoxCompID> TEXTVALUE 'VariableName'
```

69. Additional OPTIONS for Data Browser/Editor (#E73072):

```
. PRINTDATA ON/OFF (Default: ON)  
. EXPORTRESULT ON/OFF (Default: ON)  
. SAVERESULT ON/OFF (Default: ON)
```

PRINTDATA to enable/disable "Print Data" menu item.
(Default is ON)

EXPORTRESULT to enable/disable "Export Results to ->" menu item. (Default is ON)

SAVERESULT to enable/disable "Save Data As ->" menu item.
(Default is ON)

Example 01:

```
EDIT ALL FROM Customer ORDER BY Company +  
OPTION WINDOW_STATE NORMAL +  
|CAPTION Customers +  
|PRINTDATA OFF
```

will start Data Browser/Editor as normal window with the caption "Customers" and the disabled option for Print Data.

Example 02:

```
EDIT ALL FROM Customer ORDER BY Company +  
OPTION WINDOW_STATE NORMAL +  
|CAPTION Customers +  
|EXPORTDATA OFF
```

will start Data Browser/Editor as normal window with the caption "Customers" and the disabled option for Export Results to.

Example 03:

```
EDIT ALL FROM Customer ORDER BY Company +  
OPTION WINDOW_STATE NORMAL +  
|CAPTION Customers +  
|SAVERESULT OFF
```

will start Data Browser/Editor as normal window with the caption "Customers" and the disabled option for Save Results to.

70. Additional Default Settings ... for Report/Label Designer to set the default Printer, Paper Size and Paper Source (E#73070).

Database Explorer | Main Menu | Settings | Report/Label Designer | Default Settings ...

Click on [Printer] tab and select the default Printer for report

Click on [Paper Size] tab to select the default Paper Size

Click on [Paper Source] tab to select the default Paper Source

These default settings are for your local workstation and will be effective for designing new reports only.

71. Additional options and properties to suppress script errors when using the following Web Browser controls in form:

- . Web Browser
- . DB Web Browser
- . Variable Browser

Object Property | Additional
[] Suppress Script Errors
The default is set to true (checked).

You may also use the PROPERTY command to suppress script errors:

```
PROPERTY WebBrowserCompID SuppressScriptError 'TRUE'  
PROPERTY WebBrowserCompID SuppressScriptError 'FALSE'
```

72. Spin Edit Control: Enhanced option and PROPERTY command to allow increments by decimals.
73. TreeView Control: Includes Component IDs to manage all properties dynamically.
74. Additional Default Settings to customize cursor shapes for all Text, Edit, Button, ListBox, ComboBox, Panel, CheckBox and RadioButton Objects in Form Designer (E#73088).

Database Explorer | Main Menu | Settings | Form Designer ... | Text Objects

Database Explorer | Main Menu | Settings | Form Designer ... | Edit Objects

Database Explorer | Main Menu | Settings | Form Designer ... | Button Objects

Database Explorer | Main Menu | Settings | Form Designer ... | ListBox/ComboBox Objects

Database Explorer | Main Menu | Settings | Form Designer ... | Panel Objects

Database Explorer | Main Menu | Settings | Form Designer ... | CheckBox/RadioButton Objects

Reported Bug Fixes:

01. I have noticed the following behaviors when comparing Oterro 3.5, R:BASE 6.5 and R:BASE 7.5: I'm running with STATICDB ON. I'm finding that Oterro 3.5 only takes 400K of network traffic to connect to my DB. On the other hand, connecting with R:BASE 6.5 (DOS or WIN) uses 6MB. Interesting, troubling, but..... Connecting with R:BASE 7.5 uses 12MB. It uses 6MB, reports db schema is read only. However, when I close the message box it uses another 6MB. - Fixed
02. I have found that if I create a simple report based on a table using 'sum of', that works fine. If I create a view, and then copy the same report, but assign it to the view, I get the error message 2189. - Fixed
03. Rotated Labels (90 degree) placed on labels/reports are not represented correctly when printing the label/report as a PDF document. - Fixed
04. Using RECALC command in a form as "On Before Start Custom EEP" generates access violation (#72943) - Fixed
05. DB CheckBox deletes part of unrelated DB Edit values with Format Mask. (#72970) - Fixed
06. R:Style changes SET ERROR MESSAGE nnnn ON to SET ERROR MESSAGES nnnn ON which generates a wrong syntax error. (#72925) - Fixed
07. If some varcharcolumns are null, these two commands should return the same result:


```
SELECT COUNT (*) FROM tablename WHERE varcharcol IS NOT NULL  
SELECT COUNT (varcharcol) FROM tablename
```


However, for the second example, R:BASE is counting all rows, not just the non-null rows. (#72706) - Fixed.
08. The dotted variables with values are not evaluated when using the DECLARE cursor command - A very old legacy bug Fixed.

Here's a scenario:


```
DECLARE c1 CURSOR FOR SELECT colname FROM tablename GROUP BY colname +  
WHERE colname = 'value' AND datecolname BETWEEN .vdatestart AND .vdateend
```


If I take off the "AND datecolname BETWEEN .vdatestart AND .vdateend" it works!

If I just leave the "AND datecolname BETWEEN .vdatestart AND .vdateend" it doesn't.

If I replace the "AND datecolname BETWEEN .vdatestart AND .vdateend" with "AND datecolname BETWEEN 01/01/2006 AND 12/31/2006" it works!!!
09. If you put Debug Trace in the Stored Procedure and set debug on, you get "-ERROR-Syntax is incorrect for the Command TRACE (2045)" and it hangs there no matter how many times you click OK. It takes the Kill button in Task Manager (R:BASE 7.x and V8). - Fixed
10. When defining a variable based upon the NUMERIC data type, the default precision and scale (9,0) is forced on the variable losing any other precision or scale like (11,1) or (9,4). To see the variable revert back to (9,0), close the Expression Builder, and reopen it. (#72984) - Fixed
11. Entering incorrect TIME value defaults to midnight. (#72980) - Fixed
12. When using a TRACE command in a scenario with multiple forms and EEPs, stepping through using F10, the line numbers on subsequent EEP are not displayed correctly - Fixed

13. Pop-up Menu number of lines displayed anomaly (#72990) - Fixed

When a DB Edit control with a popup menu specified is placed on a scrolling region, the number of lines displayed on the menu remains at 18, even though the number of lines specified in the dialog box for the control is more than 18. If less than 18 is specified, that works, but if more than 18, then 18 is the limit.
14. Variable CheckBox in a Scrolling Region with Transparent Property Set to ON only executes EEP once (#72994) - Fixed

The form includes a scrolling region with a variable checkbox set to transparent. When checked, there is an EEP that sets the db-edit field to variable value. With that set up, you can only check once and not again until a saveword. If you uncheck set to transparent, it works fine; if you leave the checkbox transparent and remove the EEP, it works fine. It's only with a transparent and an EEP that there are issues.
15. When I go to set the odd or even color for zebra stripes in the data browser settings, all the custom color selections are black, even though I've set most of these. The same problem also exists in the editor settings / display tab. - Fixed
16. The RBTI_FORM_DIRTYVAR does not change to 1 when editing a Variable Memo field in form. - Fixed
17. The DB checkbox will not check or uncheck as long there is a DB Edit field on the same field as the check box. (#73010) - Fixed
18. If I have a variable defined as DATETIME and a Variable Lookup ListBox on a variable form filled with DATETIME values and try to select a DATETIME value the value does not highlight. - Fixed
19. *These work:*

SELECT * FROM vwStfDlrst where StfLicRecno in (select StfLicRecno from StfLicDates where TypeOfDate IN (SELECT TypeOfDate FROM HrdCpyRprtDates WHERE ReportName = .vReportName)) and Discipline not in ('Gone')

SELECT * FROM vwStfDlrst where StfLicRecno in (select StfLicRecno from StfLicDates where StfLicDateExpires BETWEEN 02/11/06 AND 04/26/07) and Discipline not in ('Gone')

This gives me an Disk I/O error:

SELECT * FROM vwStfDlrst where StfLicRecno in (select StfLicRecno from StfLicDates where StfLicDateExpires BETWEEN 02/11/06 AND 04/26/07 and TypeOfDate IN (SELECT TypeOfDate FROM HrdCpyRprtDates WHERE ReportName = .vReportName)) and Discipline not in ('Gone')

A very old legacy bug - Fixed
20. LIST REPORTS FOR tablename fails if the table does not exist. Since a report can be based on a temporary table or view, R:BASE should list the reports anyway. This also fails in 7.5 DOS. (#73022) - Fixed
21. Using the File Gateway GUI feature, export out data from a table using the SQL format. The file will be correct. Without closing the File Gateway window, export out the data from a second table to a second file, and you will see that while the new file contains the correct columns and data, the INSERT INTO statements reference the same table name that was exported in the first export above instead of the second table name. This problem is NOT part of the GATEWAY EXPORT command line, just the GUI export process. (#73020) - Fixed

22. Fields based on Memo Objects (Memo, DB Memo, Variable Memo) printed to a PDF are not aligned correctly. (#73025) - Fixed

I find that in some cases fields that are aligned correctly (vertically) when printed to a printer, are not aligned correctly when printed to a PDF, some fields being above the 'line' which 'defines' the row.

23. Dotted variables are not evaluated in Stored Procedures when called using the IF ... ENDIF statement (Legacy Bug - Fixed).

Stored Procedure (Test):

```
-- notice that when the call is made within the if/then statement,
-- .vmsg isn't evaluated properly...
SET VAR vMsg = ('This is just a message')
PAUSE 2 USING .vMsg
RETURN 0
```

Commands:

- - This works ...

```
SET VAR Test INTEGER = (CALL test ('Issue.rmd','Invent','Update.01'))
IF Test = 0 THEN
    PAUSE 2 USING 'Back again'
ENDIF
```

- - This does not work...

```
IF (CALL Test ('Issue.rmd','Invent','Update.01')) = 0 THEN
    PAUSE 2 USING 'Back again'
ENDIF
RETURN
```

24. Sorting and Deleting a Report from the Database Explorer (#73043, #73045) - Fixed

Using Database Explorer connect to a database then go to reports section. Sort by table/view. Choose a report to delete. (Right-click or use the red x) The report you deleted is not the report that you selected (When you right click it you receive a confirmation for the report you selected; however you still deleted the report that was actually in that physical location before you sorted it.

25. Database Explorer - Label Sort (#73044) - Fixed

When selecting the "Label Name" , Table/View Name" column headers in the Database Explorer, the list does not sort.

26. Database Explorer - Stored Procedures (#72968) - Fixed

When you display Stored Procedures they are sorted by creation order, not by name.

27. When keys are mapped using the SET KEYMAP ... command, the (LASTKEY(1)) function returns the incorrect value. (#72989, #73046) - Fixed

28. It seems that the On Exit EEP defined on a Variable Memo control in a form executes twice (#73047) - Fixed

29. NUMERIC data display: When using a column with the NUMERIC data type and a precision and scale of (4,2), the data in the Data Browser is dropping the trailing zeros at the end. If you open your Data Browser with the values 12.75, 15.30, 78.52, etc, the 15.30 will be displayed as 15.3. Everything displays correctly when using the SELECT command at the R> prompt. However it drops the trailing zero in Data Browser even with the (4,2) precision and scale. (#73033) - Fixed

- 30. It seems when I list forms or reports at the R:prompt the alignment is off a character, and the two characters. (#73071) - Fixed
- 31. When I use application designer and compile, the application and all windows/forms that open are in focus, not requiring that I click into the window to bring it into focus. For example, I have a login screen that comes up and you can begin typing username and password right away. When I use a simple command file and compile, displaying a splash screen, login screen, then my form menu, each window must be clicked into in order to bring it into focus and use any keyboard commands, etc. When I run the command file from R:BASE it executes ok, windows in focus, etc. - Fixed
- 32. A form with multi-table DB Grid controls (with no custom column defined) generates an internal error. - Fixed
- 32. A form with custom wallpaper ignores Form Opening Behavior properties. - Fixed
- 33. With STATICDB ON and FASTLOCK ON, an R:Compiled application using the APPEND command fails on a table with FOREIGN KEY. Everything works fine when using the full version of R:BASE 7.6 for Windows. (#73077) - Fixed
- 34. Label Designer: File |Save As ... option generates -ERROR. (#73083) - Fixed
- 35. By default, the PDF Viewer control sets the height and width to zero. - Fixed
- 36. The PDF Viewer Control can not read any PDF files that are assigned to load. - Fixed
- 37. R:Compiler generates ERRORS when compiling an .RBA application file. - Fixed
- 38. Clicking on the [No] button after using the DROP tablename command, R:BASE generates and Internal Lock Error. - Fixed
- 39. Form Designer Memory Leak: If you go in the form designer and move all the text fields (seems to happen especially with text based fields) around a lot or try and copy and paste (you have to fuss with it for a while for it to overflow) you get an error message with no text in the window. - Fixed
- 40. Form Conversion: Converting 6.5++ for Windows form with region, buttons and check boxes generates and error. - Fixed
- 41. Form Designer: PDF Viewer Control cannot view a few PDF documents with embedded images - Fixed