

R:BASE Plugin Power Pack



Help Manual



R:BASE Plugin Power Pack

Manual

by R:BASE Technologies, Inc.

Welcome to the R:BASE Plugin Power Pack

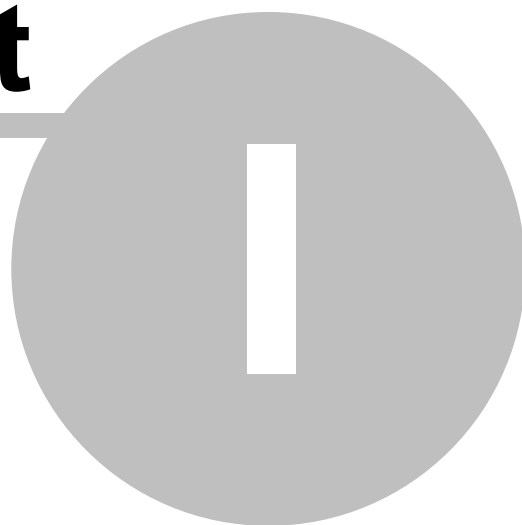
The R:BASE Plugin Power Pack is a collection of exclusive and enhanced R:BASE 7.x/V-8 "Turbo" Plugins to increase the functionality of your R:BASE applications. An R:BASE Plugin is a file containing data used to alter, enhance, or extend the operation of R:BASE.

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Part



1 Introduction

1.1 Introducing R:BASE Plugin Power Pack

The R:BASE Plugin Power Pack is a collection of exclusive and enhanced R:BASE 7.x/V-8 "Turbo" Plugins to increase the functionality of your R:BASE applications.

Many software products now used a technology called a "PLUGIN". This technology is based on API, which is declared by the program creator. A sample of products which use Plugins includes: WinAMP, Adobe Photoshop, ACDSee, etc. It means that the computer programmers can enhance and improve product possibilities using programming languages such as C/C++, Pascal, Delphi, and Basic.

An R:BASE Plugin is a file containing data used to alter, enhance, or extend the operation of R:BASE. R:BASE Plugins are made available through different means. Most Plugins are included with the purchase of R:BASE. Other Plugins are included with R:BASE Technologies, Inc. add on products such as R:Charts, RBZip, R:PDFMerge, and R:Fax. Others are supplied through the attendance of R:BASE Advanced Training, the Developers' Conference Package, and others are distributed freely at the R:BASE Community Home Page:

<http://www.rbasecommunity.com/>.

The Plugins described in this document are files which were created by R:BASE Technologies, Inc.

R:BASE Plugins come in different versions specific to that particular version of R:BASE. R:BASE Plugins must have the .RBL file extension and are only supported for the 7.x and higher versions.

Syntax

PLUGINS filename [parameters]

Options

filename

Your plugin file name (extension for plugin must be **RBL**)

parameters

parameters which used internally by a plugin

Plugins can be the following type:

- 100 – General type of plugin, these plugins appear in R:BASE Main Menu under "Utilities" > "Plugins".
- 101 – These plugins do not appear in R:BASE Main Menu, but return a value, or values, to R:BASE.

NOTE: Some of the Plugins listed in this document are not included with the purchase of R:BASE. Some are available through attendance of R:BASE Training and Conferences, while others are custom propriety Plugins only available through purchase.

1.2 Installation

For computing ease, it is recommended that you place your R:BASE Plugins in the R:BASE program directory. For server installations or compiled applications, the Plugin should be included in the same directory as the executable and DLLs.

R:BASE Version	Default Program Directory
7.0/7.1	C:\RBTI\RBG7
7.5	C:\RBTI\RBG75
V-8	C:\RBTI\RBG8

Different R:BASE Technologies, Inc. products will install its Plugin within its appropriate default directory.

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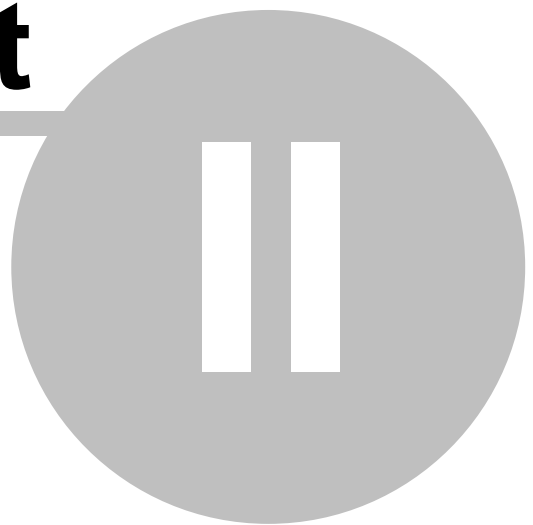
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First Edition

Part



2 Plugins (33)

2.1 Agent.rbl

The Agent.rbl uses Microsoft's Agent technology to that enables an enriched form of user interaction, that can make using and learning to use a computer easier and more naturally. With the Microsoft Agent set of software services, developers can easily enhance the user interface of their applications and Web pages with interactive personalities in the form of animated characters. It does not appear in the R:BASE for Windows Plugins Menu. The Agent.rbl was included in the 2004 R:BASE [Developers' Conference](#) Package.

To start working with MS Agent character, you need to make sure that your computer has installed MS Agent engine. This engine can be downloaded from:

<http://activex.microsoft.com/activex/controls/agent2/MSagent.exe>

Every agent has its own set of supported animations. The user can find this information on the developer web-site or in the Agent documentation. The Agent.rbl uses the MS Agent technology, with R:BASE 7.x, displaying the Merlin Character:



Syntax:

PLUGIN Agent.rbl

START	!agent file name
CLOSE	
SHOW	
HIDE	
SAY	!phrase to say
PLAY	!action to play
MOVE	!X-coordinate !Y-coordinate

Where:

START is used to initialize the MS Agent engine. If the user does not specify the character file name, Agent.rbl plugin will use the Merlin character. Usually agent characters are found in 2 locations:

1. C:\WINNT\MSAGENT\CHARS\
2. C:\WINDOWS\MSAGENT\CHARS\

CLOSE is used to stop MS Agent engine

SHOW is used to show the character on a screen

HIDE is used to hide the character

SAY is used to show a balloon hint with phrase, and if installed, MS Speech engine to hear this phrase.

PLUGIN Agent.rbl SAY|Hello World!!!

PLAY is used to make the character perform some actions

PLUGIN Agent.rbl PLAY|Announce

This is a list of supported commands for Merlin character:

- Acknowledge
- Alert
- AlertReturn

- Announce
- AnnounceReturn
- Blink
- Confused
- ConfusedReturn
- Congratulate
- CongratulateReturn
- Congratulate_2
- Decline
- DeclineReturn
- DoMagic1
- DoMagic2
- DoMagicReturn
- DontRecognize
- DontRecognizeReturn
- Explain
- ExplainReturn
- GestureDown
- GestureDownReturn
- GestureLeft
- GestureLeftReturn
- GestureRight
- GestureRightReturn
- GestureUp
- GestureUpReturn
- GetAttention
- GetAttentionReturn
- GlanceDown
- GlanceLeft
- GlanceRight
- GlanceUp
- Greet
- GreetReturn
- Hear_1
- Hear_2
- Hear_3
- Hear_4
- Hide
- Idle1_1
- Idle1_2
- Idle1_3
- Idle1_4
- Idle2_1
- Idle2_2
- Idle3_1
- Idle3_1Return
- Idle3_2
- LookDown
- LookDownBlink
- LookDownReturn
- LookLeft
- LookLeftBlink
- LookLeftReturn
- LookRight
- LookRightBlink
- LookRightReturn
- LookUp
- LookUpBlink
- LookUpReturn
- MoveDown
- MoveDownReturn
- MoveLeft
- MoveLeftReturn
- MoveRight
- MoveRightReturn

- MoveUp
- MoveUpReturn
- Pleased
- PleasedReturn
- Processing
- ProcessingReturn
- Read
- ReadContinued
- ReadReturn
- Reading
- ReadingReturn
- RestPose
- Sad
- SadReturn
- Show
- StartListening
- StartListeningReturn
- StopListening
- StopListeningReturn
- Suggest
- SuggestReturn
- Surprised
- SurprisedReturn
- Think
- ThinkReturn
- Uncertain
- UncertainReturn
- Wave
- WaveReturn
- Write
- WriteContinued
- WriteReturn
- Writing
- WritingReturn

MOVE is used to make the character move on a screen

```
PLUGIN Agent.rbl MOVE|0|0
```

Or

```
PLUGIN Agent.rbl MOVE|500|500
```

Other Agent characters can be found online.

2.2 DialogBuilder.rbl

The DialogBuilder.rbl Plugin is a syntax builder for the DIALOG command. It appears in the R:BASE for Windows Menu Bar under "Utilities" > "Plugins" > "Dialog Builder". The DialogBuilder.rbl is included with the purchase of R:BASE.

Using this plugin you can easily create dialog windows to prompt end users for information within your R:BASE application.

DIALOG Builder [X]

General Information | Options | Syntax

Message Text

Type Message Here ...

Variables












Response: End Key:

☒ Lines ☐ Password

Caption

Type Caption Here ...

PAUSE Icons

	<input type="radio"/> Application		<input type="radio"/> Help		<input type="radio"/> Stop
	<input type="radio"/> Attention		<input type="radio"/> Information		<input type="radio"/> Warning
	<input type="radio"/> Confirmation		<input type="radio"/> Question		<input type="radio"/> Windows
	<input type="radio"/> Error		<input type="radio"/> Serious	<input checked="" type="radio"/> No Icon	

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DIALOG Builder

General Information Options Syntax

☒ Message

Font Color:

Background Color:

Font Name: Size

☐ Bold ☐ Italic ☐ Underline ☐ Strikeout

☒ Buttons

OK Caption:

Cancel Caption:

Background Color:

☐ Show Glyph

☒ Window

☐ No Caption ☐ Small Caption ☒ Normal Caption

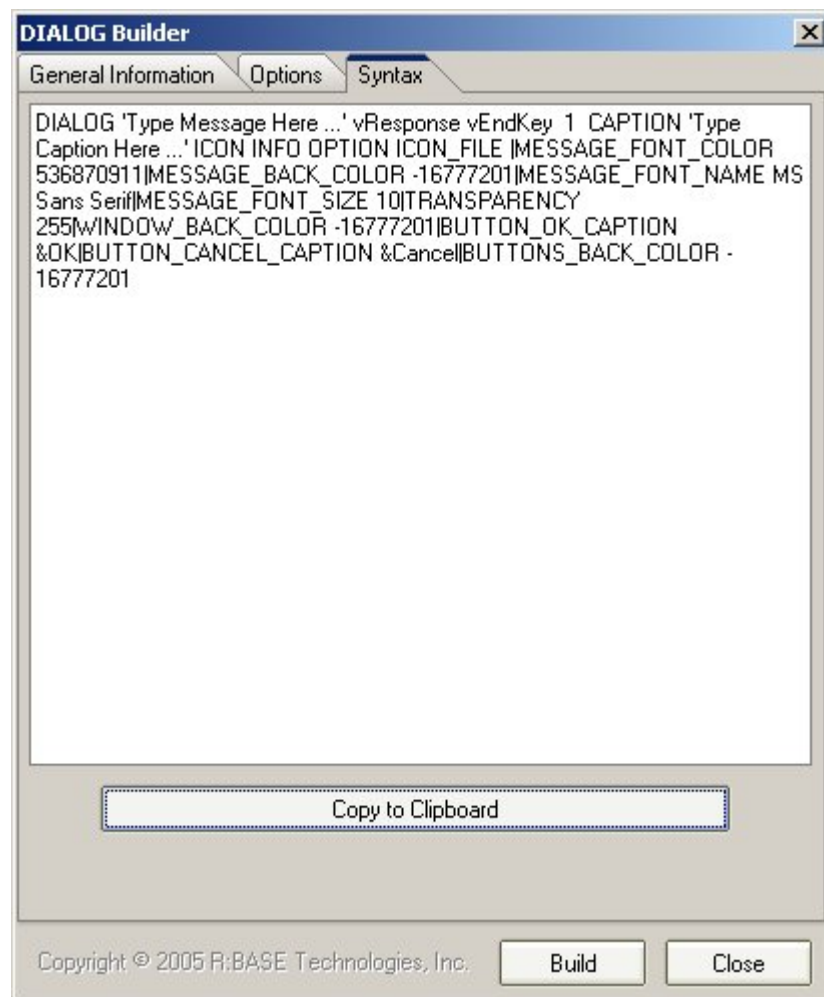
Background Color:

☒ Transparency

Icon File Name

☒ Use

Copyright © 2005 R:BASE Technologies, Inc. Build Close



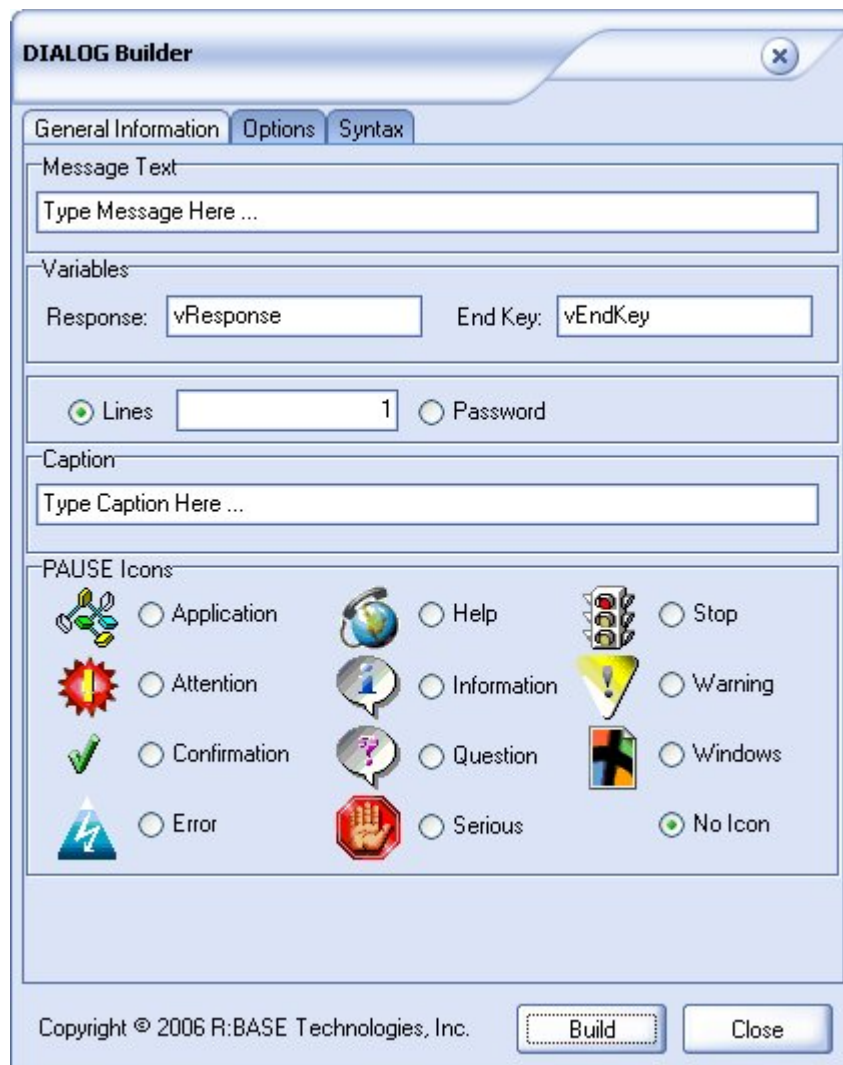
2.3 DialogBuilderPlus.rbl

The DialogBuilderPlus.rbl Plugin is a syntax builder for the DIALOG command, only it supports the use of themes. It does not appear in the R:BASE for Windows Plugins Menu. The DialogBuilderPlus.rbl is included with the purchase of R:BASE Plugin Power Pack.

Using this plugin you can easily create dialog windows to prompt end users for information within your R:BASE application.

Syntax:

PLUGIN DialogBuilderPlus.rbl vResult|THEMENAME Razzmatazz



2.4 DialogWithButtonBuilder.rbl

The DialogWithButtonBuilder.rbl Plugin is a syntax builder for the DIALOG command. It appears in the R:BASE for Windows Menu Bar under "Utilities" > "Plugins" > "Dialog with ButtonsBuilder". The DialogWithButtonBuilder.rbl is included with the purchase of R:BASE.

Using this plugin you can easily create dialog windows with buttons for end users to select within your R:BASE application.

DIALOG with Buttons Builder [X]

General Information Options Syntax

Message Text

Type Message Here ...

Variables

Response: End Key:

Default Button

☒ Yes ☐ No

Caption

Type Caption Here ...

PAUSE Icons

	<input type="radio"/> Application		<input type="radio"/> Help		<input type="radio"/> Stop
	<input type="radio"/> Attention		<input type="radio"/> Information		<input type="radio"/> Warning
	<input type="radio"/> Confirmation		<input type="radio"/> Question		<input type="radio"/> Windows
	<input type="radio"/> Error		<input type="radio"/> Serious	<input checked="" type="radio"/> No Icon	

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DIALOG with Buttons Builder [X]

General Information Options Syntax

☒ Message

Font Color: [Color Picker]

Background Color: [Color Picker]

Font Name: [MS Sans Serif] Size: [10]

☐ Bold ☐ Italic ☐ Underline ☐ Strikeout

☒ Window

☐ No Caption ☐ Small Caption ☒ Normal Caption

Background Color: [Color Picker]

☒ Buttons

Yes Button Caption: [&Yes] No Button Caption: [&No]

Yes Button Color: [Color Picker]

Yes Button Font Color: [Color Picker]

No Button Color: [Color Picker]

No Button Font Color: [Color Picker]

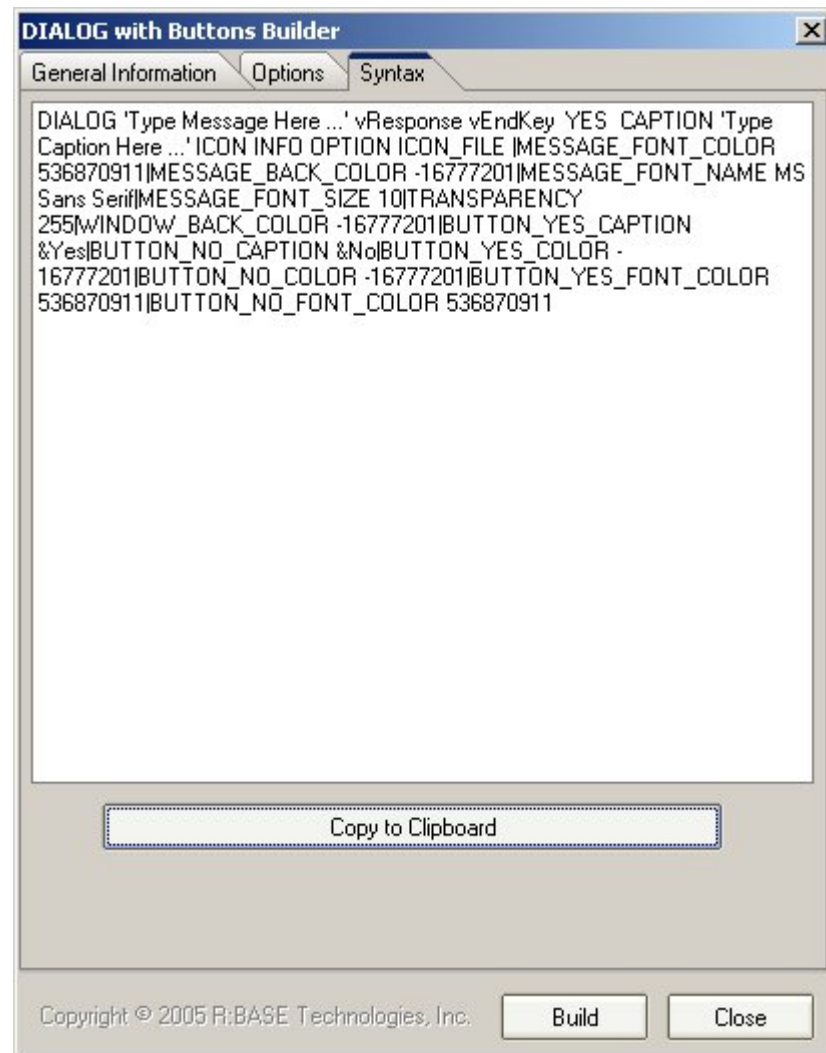
☒ Transparency

[255]

Icon File Name

☒ Use [] [Icon]

Copyright © 2005 R:BASE Technologies, Inc. [Build] [Close]



2.5 DialogWithButtonBuilderPlus.rbl

The DialogWithButtonBuilderPlus.rbl Plugin is a syntax builder for the DIALOG command using buttons, only it supports the use of themes. It does not appear in the R:BASE for Windows Plugins Menu. The DialogWithButtonBuilder.rbl is included with the purchase of R:BASE.

Using this plugin you can easily create dialog windows with buttons for end users to select within your R:BASE application.

Syntax:

PLUGIN DialogWithButtonBuilderPlus.rbl vResult|THEMENAME Razzmatazz

DIALOG with Buttons Builder

General Information Options Syntax

Message Text
Type Message Here ...

Variables
Response: vResponse End Key: vEndKey

Default Button
☒ Yes ☐ No

Caption
Type Caption Here ...

PAUSE Icons

<input type="radio"/> Application	<input type="radio"/> Help	<input type="radio"/> Stop
<input type="radio"/> Attention	<input type="radio"/> Information	<input type="radio"/> Warning
<input type="radio"/> Confirmation	<input type="radio"/> Question	<input type="radio"/> Windows
<input type="radio"/> Error	<input type="radio"/> Serious	<input checked="" type="radio"/> No Icon

Copyright © 2006 R:BASE Technologies, Inc. Build Close

2.6 GetFileExt.rbl

The GetFileExt.rbl Plugin is used to capture the file extension of a particular file. It does not appear in the R:BASE for Windows Plugins Menu. This Plugin is provided through the R:BASE 7.5 Advanced Training.

Syntax:

```
PLUGIN GetFileExt.rbl vFileExt|FileName.ext
```

Where:

vFileExt is the variable to return the text value of a given file extension

FileName.ext is the actual name and extension of the file, preceding with the full path

Notes:

Returned variable name and the exact file name with path must be separated by a "|" pipe symbol.

2.7 GetFileSize.rbl

The GetFileSize.rbl Plugin is used to capture the size of a particular file. It does not appear in the R:BASE for Windows Plugins Menu. The GetFileSize.rbl Plugin was created and made available after the release of R:BASE 7.5. If the Plugin is not in the R:BASE program directory, it is available though the R:BASE 7.5 Updates site: <http://www.rupdates.com/>.

Syntax:

PLUGIN GetFileSize.rbl vFileSizeTxt|FileName.ext

Where:

vFileSizeTxt is the variable to return the text value of a given file size

FileName.ext is the actual name and extension of the file, preceding with the full path

Notes:

Returned variable name and the exact file name with path must be separated by a "|" pipe symbol.

2.8 GetTimeStamp.rbl

The GetTimeStamp.rbl Plugin is used to capture the date and time stamp of a particular file. It does not appear in the R:BASE for Windows Plugins Menu. The GetTimeStamp.rbl Plugin was created and made available after the release of R:BASE 7.5. If the Plugin is not in the R:BASE program directory, it is available though the R:BASE 7.5 Updates site: <http://www.rupdates.com/>.

Syntax:

PLUGIN GetTimeStamp.rbl vFileTimeStampTxt|FileName.ext

Where:

vFileTimeStampTxt is the variable to return the DATETIME value

FileName.ext is the actual name and extension of the file, preceding with the full path.

Notes:

Returned variable name and the exact file name with path must be separated by a "|" pipe symbol.

2.9 LoadDirectoryName.rbl

The LoadDirectoryName.rbl Plugin is used to load a directory path into a variable by displaying a dialog window for the user to browse the operating system. It does not appear in the R:BASE for Windows Plugins Menu. The LoadDirectoryName.rbl is included with the purchase of R:BASE.

Syntax:

PLUGINS LoadDirectoryName.rbl VarName|<options>

Options:

FULLPATH (ON/OFF)
TITLE <value>
PATH_NAME <value>
WINDOW_STATE (MAX/MIN/NORMAL)
HEIGHT <value>
WIDTH <value>
DELETE_BUTTON (ON/OFF)
CONTEXT_MENUS (ON/OFF)

READ_ONLY (ON/OFF)
 INCLUDE_NON_FOLDERS (ON/OFF)
 OLE_DRAG (ON/OFF)
 OLE_DROP (ON/OFF)
 CREATE_FOLDER_ICON (ON/OFF)
 DELETE_FOLDER_ICON (ON/OFF)
 VIRTUAL_FOLDERS (ON/OFF)
 SHOW_HIDDEN (ON/OFF)

Where:

VarName is the variable to return the text value of the results

Notes:

Each parameter must be separated by the pipe "|" symbol. A value of '[Esc]' will be returned if clicked on [Cancel] button or Close Window [x] option of file-selection dialog.

2.10 LoadFileName.rbl

The LoadFileName.rbl Plugin is used to load a file name into a variable by displaying a dialog window for the user to browse the operating system. The LoadFileNamePlus.rbl Plugin replaced the LoadFileName.rbl Plugin with additional options to load a file name. It does not appear in the R:BASE for Windows Plugins Menu. The LoadFileName.rbl is included with the purchase of R:BASE.

Syntax:

PLUGINS LoadFileName.rbl VarName|<options>

Options:

FULLPATH (ON/OFF)
 TITLE <value>
 FILTER <value>
 INITIAL_DIR <value>
 MULTISELECT (ON/OFF)
 SHOW_HIDDEN (ON/OFF)
 NO_LONG_NAMES (ON/OFF)
 NO_NETWORK_BUTTON (ON/OFF)
 HIDE_READ_ONLY (ON/OFF)
 NO_DEREFERENCE_LINKS (ON/OFF)
 DONT_ADD_TO_RECENT (ON/OFF)
 ENABLE_SIZING (ON/OFF)
 OLD_STYLE (ON/OFF)
 NO_VALIDATE (ON/OFF)

Where:

VarName is the variable name to return text results

Notes:

Each parameter must be separated by the pipe "|" symbol. A value of '[Esc]' will be returned if clicked on [Cancel] button or Close Window [x] option of file-selection dialog.

2.11 LoadFileNamePlus.rbl

The LoadFileNamePlus.rbl Plugin is used to load a file name into a variable by displaying a dialog window for the user to browse the operating system. The LoadFileNamePlus.rbl Plugin replaced the LoadFileName.rbl Plugin with additional options to load a file name. It does not appear in the R:BASE for Windows Plugins Menu. The LoadFileNamePlus.rbl is included with the purchase of R:BASE.

Syntax:

PLUGINS LoadFileNamePlus.rbl VarName|<options>

Options:

FULLPATH (ON/OFF)
 TITLE <value>
 VIEW_MODE <value>
 THUMBNAIIS
 TILES
 ICONS (Default)
 LIST
 DETAILS
 FILTER <value>
 INITIAL_DIR <value>
 MULTISELECT (ON/OFF)
 SHOW_HIDDEN (ON/OFF)
 NO_LONG_NAMES (ON/OFF)
 NO_NETWORK_BUTTON (ON/OFF)
 HIDE_READ_ONLY (ON/OFF)
 NO_DEREFERENCE_LINKS (ON/OFF)
 DONT_ADD_TO_RECENT (ON/OFF)
 ENABLE_SIZING (ON/OFF)
 OLD_STYLE (ON/OFF)
 NO_VALIDATE (ON/OFF)

Where:

VarName is the variable name to return text results

Notes:

Each parameter must be separated by the pipe "|" symbol. A value of '[Esc]' will be returned if clicked on [Cancel] button or Close Window [x] option of file-selection dialog.

2.12 LoadFileNamePlusPlus.rbl

The LoadFileNamePlusPlus.rbl Plugin is used to load a file name into a variable by displaying a dialog window for the user to browse the operating system. The LoadFileNamePlusPlus.rbl Plugin allows all the same parameters from previous "LoadFileName" Plugins, only this version return a list of variable values after a file or files are selected. It does not appear in the R:BASE for Windows Plugins Menu. The LoadFileNamePlusPlus.rbl is only made available through the purchase of the R:BASE Plugin Power Pack.

Syntax:

PLUGINS LoadFileNamePlusPlus.rbl VarName|<options>

Options:

FULLPATH (ON/OFF)
 TITLE <value>
 VIEW_MODE <value>
 THUMBNAIIS
 TILES
 ICONS (Default)
 LIST
 DETAILS
 FILTER <value>
 INITIAL_DIR <value>
 MULTISELECT (ON/OFF)
 SHOW_HIDDEN (ON/OFF)
 NO_LONG_NAMES (ON/OFF)
 NO_NETWORK_BUTTON (ON/OFF)

HIDE_READ_ONLY (ON/OFF)
 NO_DEREFERENCE_LINKS (ON/OFF)
 DONT_ADD_TO_RECENT (ON/OFF)
 ENABLE_SIZING (ON/OFF)
 OLD_STYLE (ON/OFF)
 NO_VALIDATE (ON/OFF)
 OK_BUTTON_CAPTION <value> - to change "OK" button caption
 CANCEL_BUTTON_CAPTION <value> - to change "CANCEL" button caption

Where:

VarName is the variable name to return text results

Returned Variables

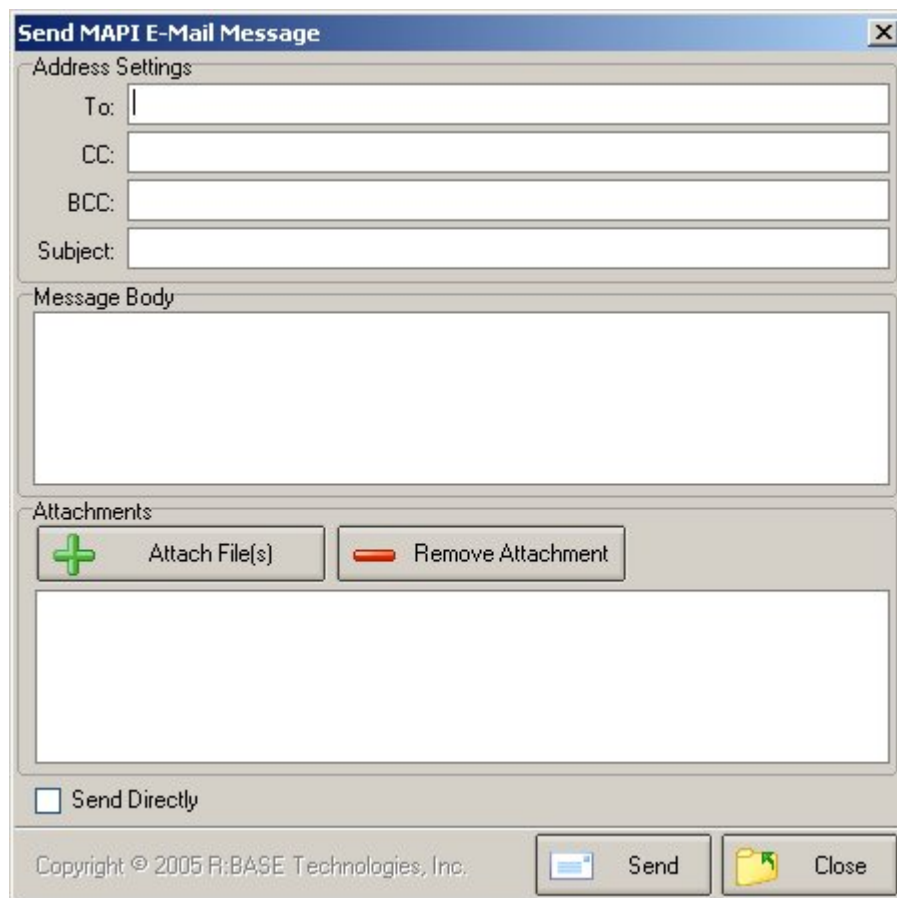
vLFNFileCount	= 1	INTEGER
vLFNFileName1	= C:\RBTI\RBG75\Samples\RRBYW10\CustomerList_I0002.jpg	TEXT
vLFNFilePath1	= C:\RBTI\RBG75\Samples\RRBYW10\	TEXT
vLFNFileNameS1	= CustomerList_I0002.jpg	TEXT
vLFNFileExt1	= .jpg	TEXT
vLFNFileDT1	= 9/14/2006 9:15:00 AM	TEXT
vLFNFileSize1	= 5018	INTEGER

Notes:

Each parameter must be separated by the pipe "|" symbol. A value of '[Esc]' will be returned if clicked on [Cancel] button or Close Window [x] option of file-selection dialog.

2.13 MapiMail.rbl

The MapiMail.rbl Plugin is a MAPI E-Mail Plugin to send a message through your email client program. It appears in the R:BASE 7.5 for Windows Menu Bar under "Utilities" > "Plugins" > "Send MAPI E-Mail". The MapiMail.rbl is included with the purchase of R:BASE.



2.14 MapiMail2.rbl

The MapiMail2.rbl Plugin is a MAPI E-Mail Plugin to send a message through your email client program. The MapiMail2.rbl Plugin opens the MapiMail dialog window and passes the parameters for all the values. "Send Directly" checked will bypass the email client interface. It does not appear in the R:BASE for Windows Plugins Menu. The MapiMail2.rbl is included with the purchase of R:BASE.

Syntax:

PLUGINS MapiMail2.rbl vMail|<options>

Options:

To:<value>
Cc:<value>
Bcc:<value>
Subject:<value>
Body:<value>
Attachments:<value>
SENDDIRECT:(TRUE/FALSE)

Where:

vMail is the variable name to return the complete email message options

Notes:

Returned variable name and the exact file name with path must be separated by a "|" pipe symbol.

2.15 MapiMail3.rbl

The MapiMail3.rbl Plugin is a MAPI E-Mail Plugin to send a message through your email client program. The MapiMail3.rbl Plugin does not open the MapiMail dialog and simply passes the parameters to the default email client. It does not appear in the R:BASE for Windows Plugins Menu. The MapiMail3.rbl is included with the purchase of R:BASE.

Syntax:

PLUGINS MapiMail3.rbl vMail|<options>

Options:

To:<value>
Cc:<value>
Bcc:<value>
Subject:<value>
Body:<value>
Attachments:<value>

Where:

vMail is the variable name to return the complete email message options

Notes:

Returned variable name and the exact file name with path must be separated by a "|" pipe symbol.

2.16 MapiMail4.rbl

The MapiMail4.rbl Plugin is a MAPI E-Mail Plugin to send a message directly through your email client program. The MapiMail4.rbl Plugin does not open the MapiMail dialog and the email is automatically mailed. It does not appear in the R:BASE for Windows Plugins Menu. The MapiMail4.rbl is included with the purchase of R:BASE.

Syntax:

PLUGINS MapiMail4.rbl vMail|<options>

Options:

To:<value>
Cc:<value>
Bcc:<value>
Subject:<value>
Body:<value>
Attachments:<value>

Where:

vMail is the variable name to return the complete email message options

Notes:

Returned variable name and the exact file name with path must be separated by a "|" pipe symbol.

2.17 Num2Word.rbl

The Num2Wrd.rbl Plugin is used to convert a number to its written out text value. It does not appear in the R:BASE for Windows Plugins Menu. The Num2Wrd.rbl Plugin was created and made available after the release of R:BASE 7.5. If the Plugin is not in the R:BASE program directory, it is available though the R:BASE 7.5 Updates site: <http://www.rupdates.com/>.

Syntax:

PLUGIN Num2Wrd.rbl vResult|<value>

Where:

vResult is the variable to return the text value of the number provided

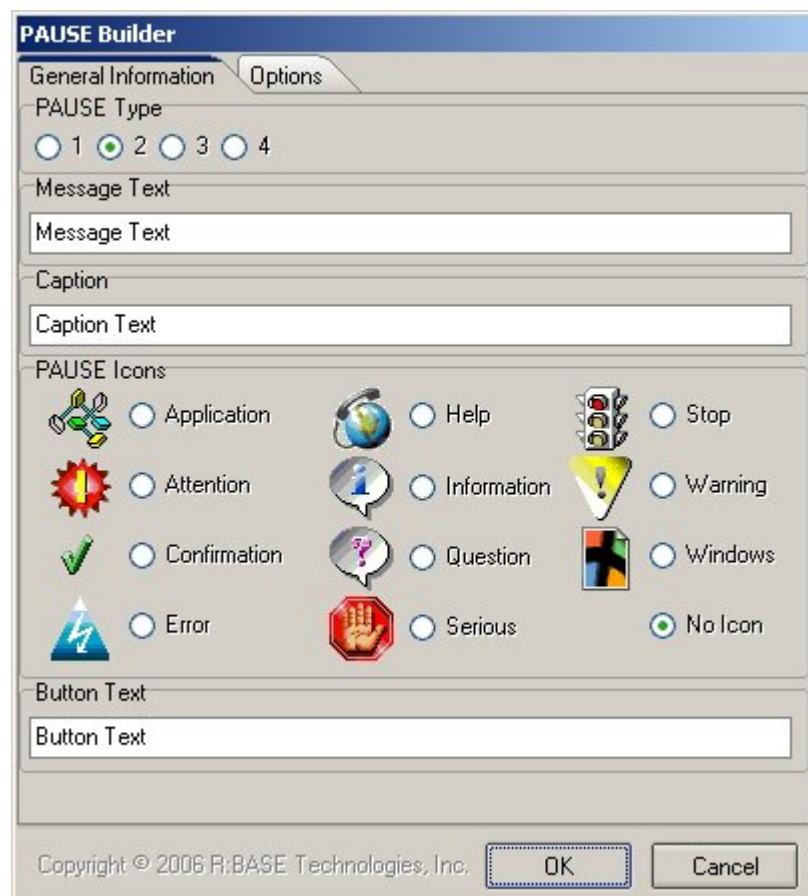
Notes:

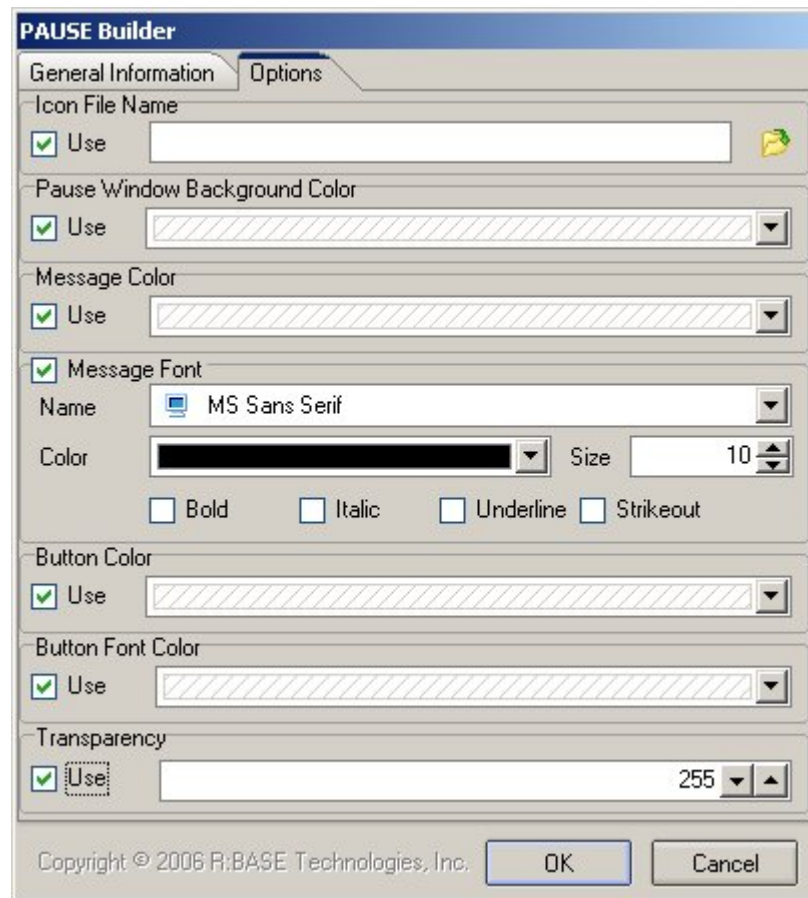
Returned variable name and the value must be separated by a "|" pipe symbol.

2.18 PausePlug.rbl

The PausePlug.rbl Plugin is a syntax builder for the PAUSE command. It appears in the R:BASE 7.5 for Windows Menu Bar under "Utilities" > "Plugins" > "PAUSE Builder". The PausePlug.rbl is included with the purchase of R:BASE.

Using this plugin you can easily create message windows to display information within your R:BASE application.





2.19 RAudioPlayer.rbl

The RAudioPlayer.rbl Plugin is used to play audio files. The Plugin supports the following audio formats: MP3, WMA, AVI, WAV, and MDI. It does not appear in the R:BASE for Windows Plugins Menu. The RAudioPlayer.rbl Plugin is only made available through the purchase of the R:BASE Plugin Power Pack.

Syntax:

```

PLUGINS RAUDIOPAYER.RBL vResult
    {FILENAME filespec
    {PLAY
    {PAUSE
    {RESUME
    {STOP
  
```

Where:

vResult is the text variable to return the status, such as 'OK' or the exact -ERROR- message

FILNAME is the name and path of the audio file

PLAY is used to play the current file

PAUSE is used pause the current file

RESUME is used resume playing the current file

STOP is used stop the current file

Notes:

Values must be separated by a "|" pipe symbol.

2.20 RFileOperations.rbl

The RFileOperations.rbl Plugin is used to perform file operations and automated file management tasks. The Plugin can rename, copy, delete, and move files or folders. The use of wildcards, such as the asterisk (*) is supported. Other options include silent mode to hide the progress window, undo to reverse any changes made, and confirmation after an action has been made. It does not appear in the R:BASE for Windows Plugins Menu. The RFileOperations.rbl Plugin is only made available through the purchase of the R:BASE Plugin Power Pack.

Syntax:

PLUGIN RFileOperations.rbl vResult|<parameters>

Options:

OPERATION <value>

COPY_DIR - to copy a directory
 RENAME_DIR - to rename a directory
 DELETE_DIR - to delete a directory
 MOVE_DIR - to move a directory
 COPY_FILES - to copy files
 RENAME_FILE - to rename files
 DELETE_FILES - to delete files
 MOVE_FILES - to move files

SOURCE <value>
 source directory/file name

TARGET <value>
 target directory/file name

SILENT (ON/OFF)
 ON - show progress box
 OFF - hide progress box
 Default - ON

UNDO (ON/OFF)
 ON - move files\directories into recycle bin
 OFF - do not move files\directories into recycle bin
 Default - ON

CONFIRMATION (ON/OFF)
 ON - show confirmation dialog on delete, rename etc.
 OFF - do show confirmation dialog on delete, rename etc.

Return Value:

vResult is the text variable to return the status, such as 'OK' or the exact -ERROR- message

Notes:

Returned variable name and parameters must be separated by a "|" pipe symbol.

Example:

To move the folder D:\TEMP\DCU in C:\TEMP

PLUGIN RFileOperations.RBL v1|OPERATION MOVE|SOURCE D:\TEMP\DCU|TARGET C:\TEMP

To delete *.dcu files in folder D:\TEMP\DCU

```
PLUGIN RBFileOperations.RBL v1|OPERATION DELETE_FILES|SOURCE D:\TEMP\DCU\*.DCU
```

To copy *.dcu files in folder D:\TEMP\DCU to C:\TEMP

```
PLUGIN RBFileOperations.RBL v1|OPERATION COPY_FILES|SOURCE  
D:\TEMP\DCU\*.dcu|TARGET C:\TEMP
```

To rename abcdef.dcu files in folder D:\TEMP\DCU to D:\TEMP\DCU\abcdef.bin

```
PLUGIN RBFileOperations.RBL v1|OPERATION COPY_FILES|SOURCE  
D:\TEMP\DCU\abcdef.dcu|TARGET D:\TEMP\DCU\abcdef.bin
```

2.21 RCalculator.rbl

The RCalculator.rbl Plugin is used to launch a calculator to to perform any of the standard operations for which you would normally use a handheld calculator. It does not appear in the R:BASE for Windows Plugins Menu. The RCalculator.rbl is included with the purchase of R:BASE.

Syntax:

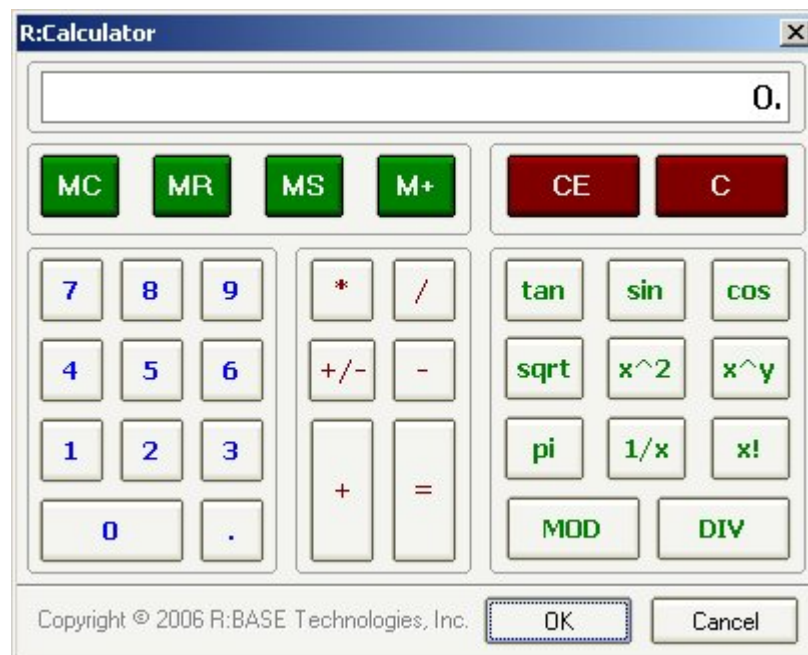
```
PLUGIN RCalculator.rbl vResult
```

Where:

vResult is the variable to return the value of the calculated result

Notes:

The returned variable value will be the correct data type of the calculated result (INTEGER, DOUBLE, REAL).



2.22 RCalculatorPlus.rbl

The RCalculatorPlus.rbl Plugin is used to launch a calculator to perform any of the standard operations for which you would normally use a handheld calculator. The difference between the RCalculatorPlus.rbl and RCalculator.rbl Plugins is that the RCalculatorPlus.rbl supports the use of themes. It does not appear in the R:BASE for Windows Plugins Menu. The RCalculatorPlus.rbl is only made available through the purchase of the R:BASE Plugin Power Pack.

Syntax:

```
PLUGIN RCalculatorPlus.rbl vResult|THEMENAME Razzmatazz
```

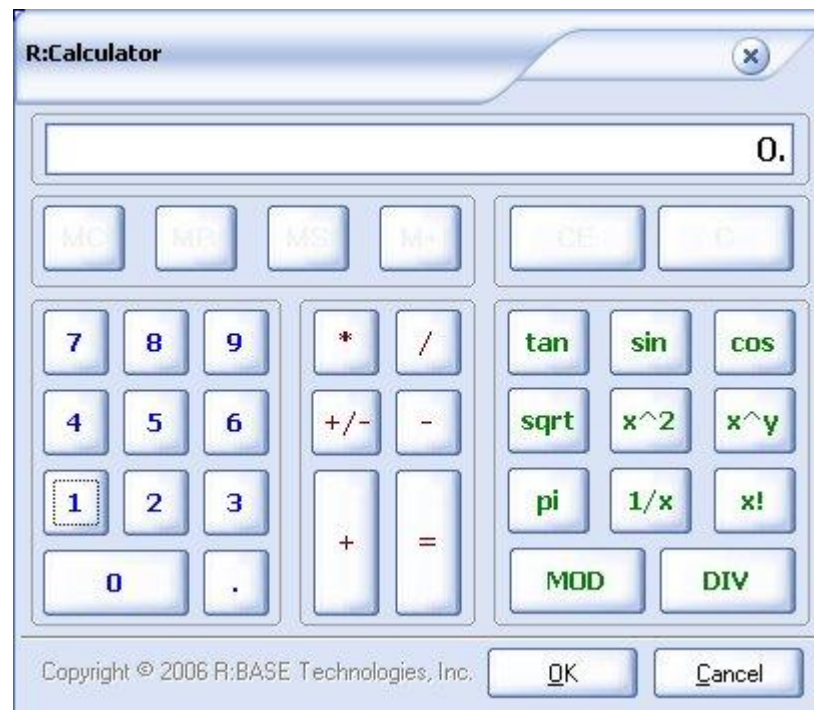
Where:

vResult is the variable to return the value of the calculated result

Razzmatazz will display the calculator using the theme below

Notes:

The returned variable value will be the correct data type of the calculated result (INTEGER, DOUBLE, REAL).



2.23 RColumnAnalyzer.rbl

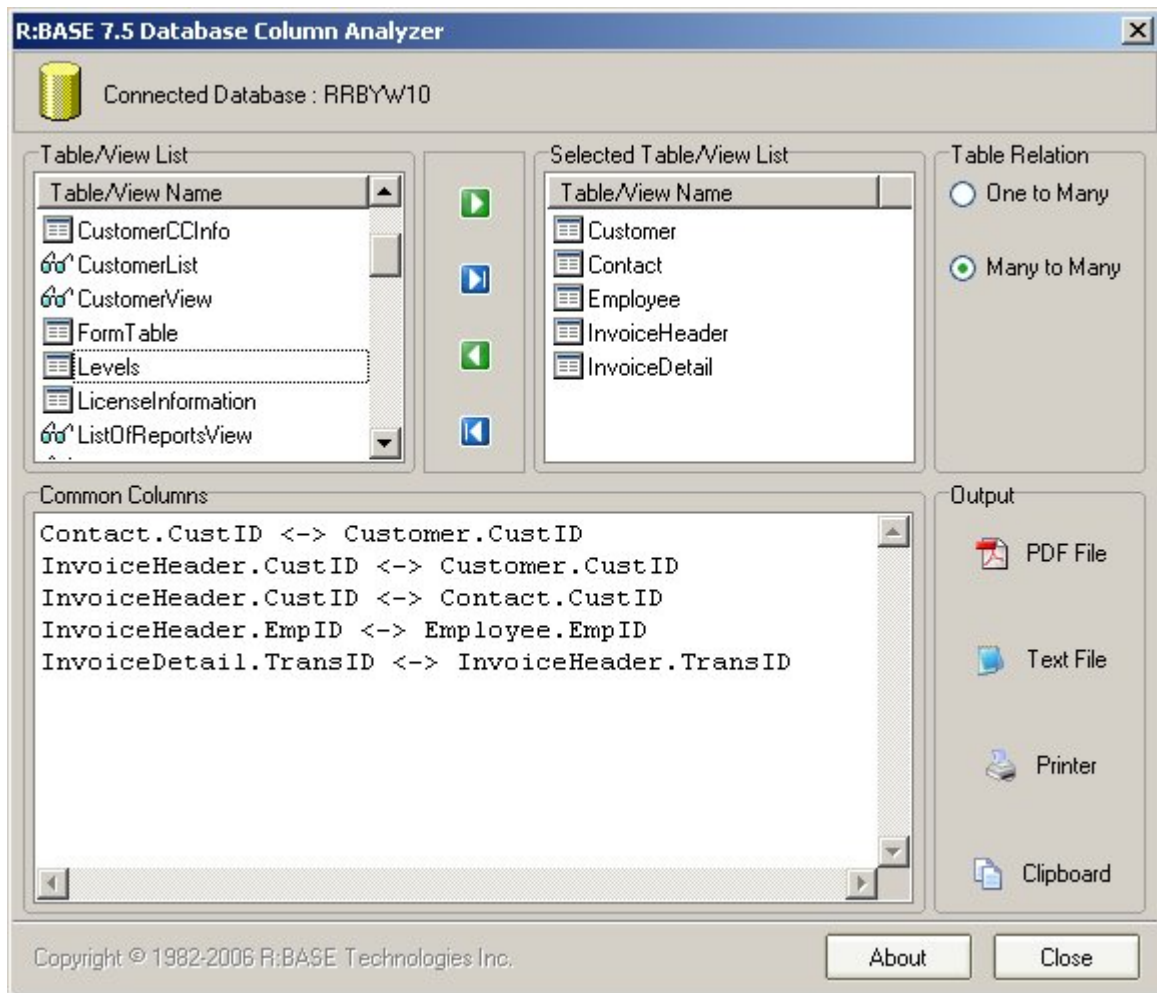
The RColumnAnalyzer Plugin is a GUI tool to analyze the common columns in One-to-Many or Many-to-Many table relationships within your R:BASE database. It does not appear in the R:BASE for Windows Plugins Menu. R:ColumnAnalyzer is available for purchase. For details, please contact sales@rbase.com.

The resulting analysis can be sent as output to:

- PDF
- Text File
- Printer
- Clipboard

Syntax:

PLUGIN RColumnAnalyzer75.RBL vReturnVariable



A separate version of R:ColumnAnalyzer is available for 7.1, 7.5, and V-8 R:BASE versions.

2.24 RExpressionExtractor.rbl

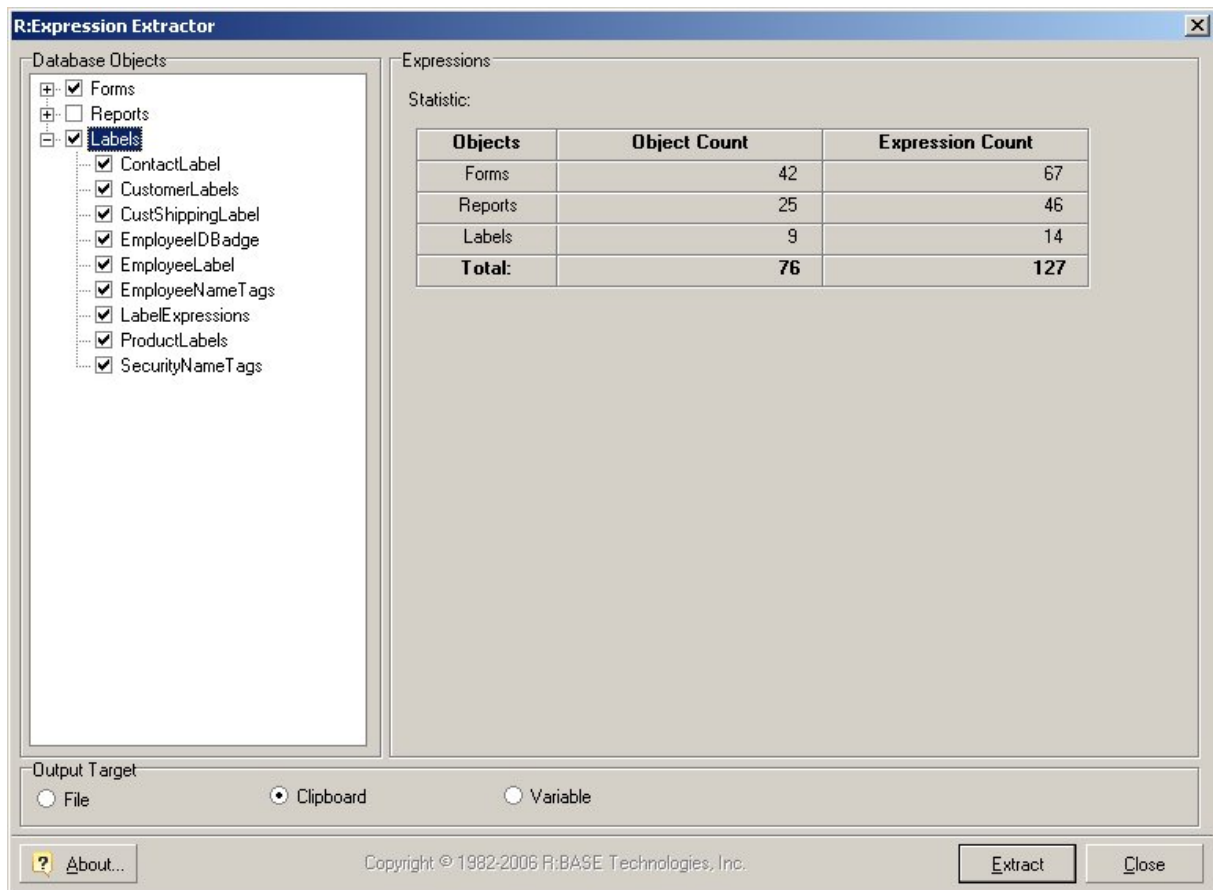
The RExpressionExtractor.rbl Plugin will extract your list of expressions from any of your R:BASE forms, reports and labels. A specific variable list can be extracted from all forms or just one form. The same can be done for reports and labels. Output options include a file, the clipboard, or a variable.

Statistical values are displayed for the number of database objects (forms, reports, labels) and the number of expressions defined within each.

To launch R:ExpressionExtractor, use the following syntax at the R>.

Syntax:

```
PLUGIN RExpressionExtractor.rbl vResult
```

2.25 RFormPacker.rbl

The R:FormPacker.rbl Plugin is used to compress and uncompress R:BASE forms. The Plugin can be used to compress and unpress all forms or just a select few. It does not appear in the R:BASE for Windows Plugins Menu. The R:FormPacker.rbl Plugin is only made available through the purchase of the R:BASE Plugin Power Pack.

Syntax:

```
PLUGIN RFORMPACKER.RBL vResult [!COMPRESS !FormName |
!UNCOMPRESS !FormName ]
```

Where:

vResult is the text variable to return the status, such as 'OK' or the exact -ERROR- message

COMPRESS is used to compress all forms, a specified form or more than one form. To compress more than one form, separate each form name with a "|" pipe symbol.

UNCOMPRESS is used to uncompress all forms, a specified form or more than one form. To uncompress more than one form, separate each form name with a "|" pipe symbol.

2.26 RInstanceCount.rbl

The RInstanceCount.rbl Plugin is used to return the number of running sessions for a given executable file. RInstanceCount.rbl is a custom propriety Plugin and is not included with the purchase of R:BASE. It does not appear in the R:BASE for Windows Plugins Menu.

Syntax:

PLUGIN RInstanceCount.rbl vResult|FileName.exe

Where:

vResult is the variable to return the integer value

FileName.exe is the actual name and extension of the file, preceding with the full path

Notes:

Returned variable name and the value must be separated by a "|" pipe symbol.

Example:

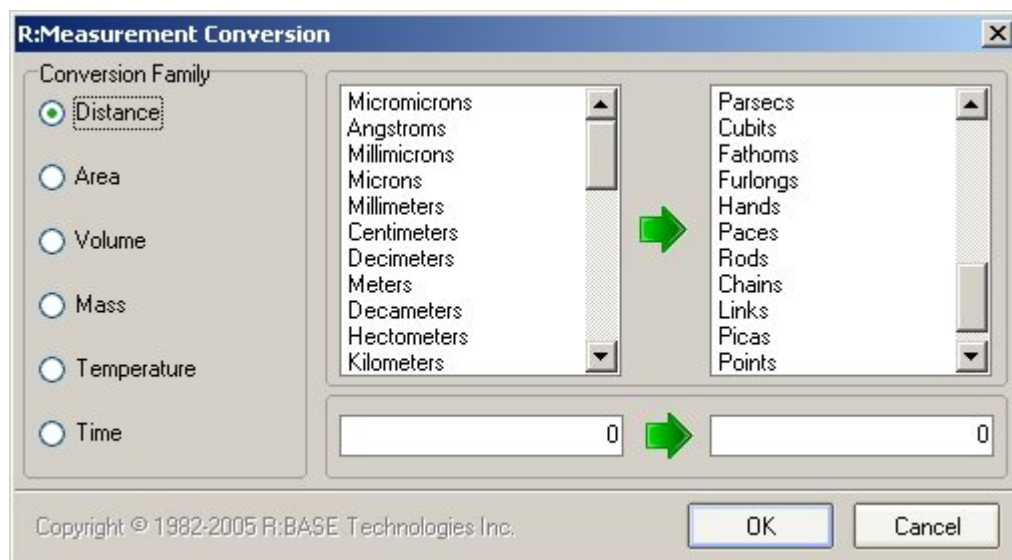
If you need to know the total instances/sessions of RBG75.EXE, use the following syntax:

PLUGIN RInstanceCount.rbl vRBG75Sessions|RBG75.EXE

The variable vRBG75Sessions will return the INTEGER value of RBG75.EXE sessions running on that particular workstation/server.

2.27 RMeasurementConversion.rbl

The RMeasurementConversion.rbl Plugin is a measurement conversion utility to convert any value of measurement to another within a type of scale. It appears in the R:BASE for Windows Menu Bar under "Utilities" > "Plugins" > "R:Measurement Conversion". This Plugin is provided through the R:BASE 7.5 Advanced Training. <http://www.rbaseuniversity.com/>



2.28 RPDFDocInfo.rbl

The RPDFDocInfo.rbl Plugin is used to return document information of a PDF document. Six variables are return to provide the PDF document's title, subject, author, keywords, creator, and producer. It does not appear in the R:BASE for Windows Plugins Menu.

RPDFDocInfo.rbl is a custom propriety Plugin and is included with the purchase of R:Archive.

<http://www.rbasesolutions.com/>

Syntax

```
PLUGIN RPDFDocInfo.rbl vResult|FileName.ext
```

Where:

vResult is the text variable to return the status, such as 'OK' or the exact -ERROR- message

FileName.ext is the actual name and extension of the file, preceding with the full path

Notes:

Returned variable name and the value must be separated by a "|" pipe symbol.

Example:

```
R> PLUGIN RPDFDocInfo.rbl vResult|WhatsNewInRBASE75forWindows.pdf
```

```
PDF_TITLE      = What's New in R:BASE 7.5 for Windows
PDF_SUBJECT    = What's New in R:BASE 7.5 for Windows
PDF_AUTHOR     = Technical Support Services of R:BASE Technologies,
Inc.
PDF_KEYWORDS   = RBG75, R:BASE 7.5, Update 8
PDF_CREATOR    = Print Server 110
PDF_PRODUCER   = Acrobat PDFWriter 5.0 for Windows NT
vResult        = OK
```

2.29 RRegistry.rbl

The RRegistry.rbl Plugin allows access to the operating system registry from within R:BASE. The Plugin allows the ability to read, write, check, and delete keys within the registry. The RRegistry.rbl Plugin will only read and write "string" and "binary" registry values. It does not appear in the R:BASE for Windows Plugins Menu. The RRegistry.rbl was included in the 2004 R:BASE [Developers' Conference](#) Package.

The RRegistry.rbl Plugin allows you to store company, user, or custom application information in the registry. This helps you change forms and reports on the fly, as well as maintain application security settings.

Syntax:

```
PLUGIN RRegistry.rbl VarName | CREATE_KEY | DELETE_KEY | CHECK_KEY | CHECK_VALUE | DELETE_VALUE | WRITE_INT_VALUE | READ_INT_VALUE | WRITE_STR_VALUE | READ_STR_VALUE | RootKey | Key | ValueName | ValueData
```

Where:

VarName - is the text variable to return the status, the resulting value data, or an -ERROR-

Parameter	Successful Value	Unsuccessful Value
CREATE_KEY	CREATED	-ERROR-
DELETE_KEY	DELETED	-ERROR-
CHECK_KEY	TRUE	FALSE
CHECK_VALUE	TRUE	FALSE
DELETE_VALUE	DELETED	-ERROR-
WRITE_INT_VALUE	WRITEN	-ERROR-
READ_INT_VALUE	value data	-ERROR-
WRITE_STR_VALUE	WRITEN	-ERROR-
READ_STR_VALUE	value data	-ERROR-

CREATE_KEY - creates a key

DELETE_KEY - deletes a key

CHECK_KEY - checks the existence of a key

CHECK_VALUE - checks the value of a key

DELETE_VALUE - deletes the value of a key

WRITE_INT_VALUE - writes a binary value to the registry

READ_INT_VALUE - reads the binary value of the registry

WRITE_STR_VALUE - writes a string value to the registry

READ_STR_VALUE - reads the string value of the registry

RootKey - is the "HKEY" starting value. These are the available root keys:

```
HKCR = HKEY_CLASSES_ROOT
HKCU = HKEY_CURRENT_USER
HKLM = HKEY_LOCAL_MACHINE
HKUS = HKEY_USERS
HKPD = HKEY_PERFORMANCE_DATA
HKCC = HKEY_CURRENT_CONFIG
HKDD = HKEY_DYN_DATA
```

Key - is the complete key path

ValueName - is the name of the registry string value or integer value

ValueData - is the data stored for the of the registry string value or integer value

Notes:

- Each parameter must be separated by a pipe | symbol.
- Permissions to the registry must be a granted, otherwise the -ERROR- message will be generated into the VarName variable

Examples:

--check if a key exists

```
PLUGIN RRegistry.rbl vKeyExists | CHECK_KEY | HKCU +
| \Software\MyCompany\MyProduct
```

--creates the key

```
IF (.vKeyExists = '-ERROR-') OR (.vKeyExists = 'FALSE') THEN
```

```

    PLUGIN RRegistry.rbl vKeyExists|CREATE_KEY|HKCU +
    |\Software\MyCompany\MyProduct
ENDIF

--reads string values
IF (.vKeyExists <> '-ERROR-') AND (.vKeyExists <> 'FALSE') THEN
    PLUGIN RRegistry.rbl vValueExists|CHECK_VALUE|HKCU +
    |\Software\MyCompany\MyProduct|ButtonColor
    IF (.vValueExists <> '-ERROR-') AND (.vValueExists <> 'FALSE') THEN
        PLUGIN RRegistry.rbl vButtonColor|READ_STR_VALUE|HKCU +
        |\Software\MyCompany\MyProduct|ButtonColor
        PLUGIN RRegistry.rbl vLabelColor|READ_STR_VALUE|HKCU +
        |\Software\MyCompany\MyProduct|LabelColor
    ENDIF
ENDIF

--writes string values
SET VAR vButtonColor TEXT = 'BLUE'
SET VAR vLabelColor TEXT = 'RED'
SET VAR vTempValue TEXT = +
('PLUGIN RRegistry.rbl vKeyExists|WRITE_STR_VALUE|HKCU +
|\Software\MyCompany\MyProduct\|Label Color|' + .vLabelColor)
&vTempValue
SET VAR vTempValue TEXT = +
('PLUGIN RRegistry.rbl vKeyExists|WRITE_STR_VALUE|HKCU +
|\Software\MyCompany\MyProduct\|Button Color|' + .vButtonColor)
&vTempValue
CLEAR VAR vTempValue

```

2.30 RRTFtoTXT.rbl

The RRTFtoTXT.rbl Plugin converts RTF data to plain text format. The RTF input type for the conversion includes either a variable or a file value. The text output type for the conversion also includes a variable or a file value. The Plugin does not appear in the R:BASE for Windows Plugins Menu. The RRTFtoTXT.rbl Plugin is only made available through the purchase of the R:BASE Plugin Power Pack.

Syntax:

```
PLUGIN RRTFtoTXT.RBL vResult|parameters
```

Parameters:

Parameters	Values	Description
INPUT_TYPE	VARIABLE FILE	Specifies the RTF input type. A RTF variable or file name is supported.
INPUT_VARIABLE	value	Specifies the RTF data variable name
INPUT_FILE	value	Specifies the RTF file name
OUTPUT_TYPE	VARIABLE FILE	Specifies the text output type. A text variable or file name is supported.
OUTPUT_VARIABLE	value	Specifies the text variable name
OUTPUT_FILE	value	Specifies the text file name

Examples:

```

PLUGIN RRTFtoTXT.RBL vResult +
|INPUT_TYPE FILE +
|INPUT_FILE license.rtf +

```

```

|OUTPUT_TYPE FILE +
|OUTPUT_FILE license.txt

PLUGIN RRTFtoTXT.RBL vResult +
|INPUT_TYPE VARIABLE +
|INPUT_VARIABLE vInputVar +
|OUTPUT_TYPE VARIABLE +
|OUTPUT_VARIABLE vOutpuVar

PLUGIN RRTFtoTXT.RBL vResult +
|INPUT_TYPE FILE +
|INPUT_FILE license.rtf +
|OUTPUT_TYPE VARIABLE +
|OUTPUT_VARIABLE vOutpuVar

PLUGIN RRTFtoTXT.RBL vResult +
|INPUT_TYPE VARIABLE +
|INPUT_VARIABLE vInputVar +
|OUTPUT_TYPE FILE +
|OUTPUT_FILE license.txt

```

2.31 RSearchAndReplace.rbl

The RSearchAndReplace.rbl Plugin is used to search and replace characters within a specified file. It can be used to search on entire words or phrases. It does not appear in the R:BASE for Windows Plugins Menu. RSearchAndReplace.rbl is a custom propriety Plugin and is not included with the purchase of R:BASE.

Syntax

```

PLUGIN RSearchAndReplace.RBL 'vResult +
|FILE_NAME value+
|OLD_PATTERN value+
|NEW_PATTERN value+
|REPLACE_ALL value+
|IGNORE_CASE value+
|WHOLE_WORD value'

```

Where:

vResult is the text variable to return the status, such as 'OK' or the exact -ERROR- message.

FILE_NAME - requires the name of the file

OLD_PATERN - requires the sequence of characters to be replaced

NEW_PATTERN - requires thenew sequence of characters

REPLACE_ALL - (ON/OFF):

ON - will replace all occurrences

OFF - will replace only first occurrence

Default is ON

IGNORE_CASE - (ON/OFF)

ON - will ignore case sensitivity

OFF - will use case sensitivity

Default is ON

WHOLE_WOORD - (ON/OFF)

ON - will only replace whole words in a file

OFF - will replace all combination of "New Pattern"

Default is OFF

Notes:

- Returned variable name and the parameter values must be separated by a "|" pipe symbol.
- In order for the RSearchAndReplace.rbl Plugin to function as a whole, it is highly recommended that your application follow the syntax example below, by forming the parameters into a variable, and then using the ampersand "&" to launch the command.

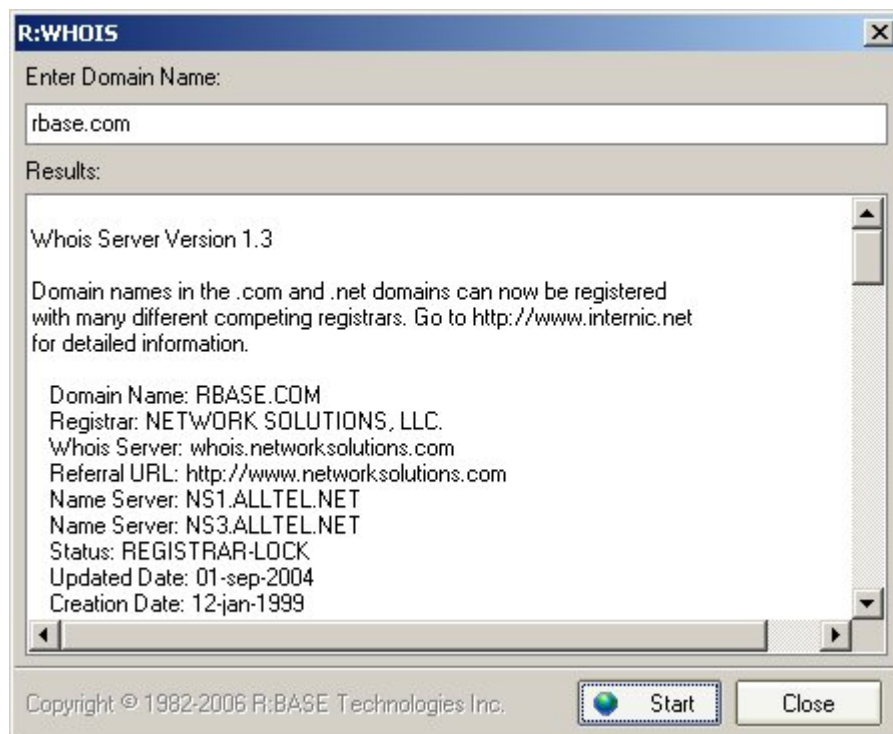
Example:

```
--Here is example how to change the ~ symbol to the p symbol
=====
CLEAR ALL VAR
SET VAR vQuote = (CVAL('QUOTES'))
SET VAR vChar TEXT = (CHAR(0254))
SET VAR vCommand TEXT = ('PLUGIN rsearchandreplace.rbl ' + .vQuote + 'v1|+
FILE_NAME rx060106.txt|OLD_PATTERN ~|NEW_PATTERN ' + .vChar + '|+
REPLACE_ALL ON|IGNORE_CASE ON|WHOLE_WORD OFF' + .vQuote)

&vCommand
RETURN
=====
```

2.32 RWhois.rbl

The RWhois.rbl Plugin will find out who registered a domain name and view additional registration and Web site data. It appears in the R:BASE for Windows Menu Bar under "Utilities" > "Plugins" > "R:WHOIS". The RWhois.rbl is included with the purchase of R:BASE.



2.33 WCCountRBL.rbl

The WCCountRBL.rbl Plugin is used to capture the number of words within a Word document. It does not appear in the R:BASE for Windows Plugins Menu. This Plugin is provided through the R:BASE 7.5 Advanced Training. <http://www.rbaseuniversity.com/>

Syntax:

```
PLUGIN WCCountRBL.rbl vWrdCount|FileName.doc
```

Where:

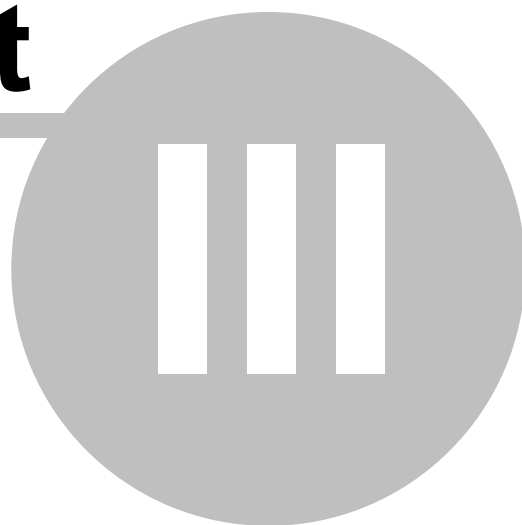
vWrdCount is the variable to return the value of the word count

FileName.doc is the actual name and extension of Word document, preceding with the full path

Notes:

Returned variable name and the exact file name with path must be separated by a "|" pipe symbol.

Part



3 Write Your Own Plugin

Using a programming language such as C/C++, Pascal, Delphi, Basic, etc., you can create your own R:BASE Plugins.

These plugins are DLL files with 4 exported functions:

GetRBPluginName

Syntax:

```
procedure GetRBPluginName(Value : PChar); stdcall;
```

Value – result value which you can see in Plugins menu.

A sample of implementing this function in RBL:

```
procedure GetRBPluginName(Value : PChar); stdcall;  
var Name : string;  
begin  
  Name := 'My Sample Plugin';  
  StrLCopy(Value, Pchar(Name), Length(Name));  
end;
```

GetRBPluginType

Syntax:

```
function GetRBPluginType : integer; stdcall;
```

This function returns the type of a plugin to RBG75.

A sample of implementing this function in RBL:

```
function GetRBPluginType : integer; stdcall;  
begin  
  Result := 100;  
end;
```

GetBitmap

Syntax:

```
function GetGetBitmap : THandle; stdcall;
```

This function returns to RBG75 a handle for a Bitmap. This is the bitmap you can see in the plugins menu.

A sample of implementing this function in RBL:

```
function GetGetBitmap : THandle; stdcall;  
begin  
  Bitmap.LoadFromResourceName(Hinstance, 'MAINBMP');  
  Result := Bitmap.Handle;  
end;
```

StartRBPlugin

Syntax:

```
procedure StartRBPlugin(Params : PChar); stdcall;
```

This function starts your plugin.

101 – Same as in type 100 except:

```
function StartRBPlugin(Params : PChar) : PChar; stdcall;
```

In the result of this function, you need to put a value which will go to the R:BASE variable.

LoadDirectoryName Plugin schema:

LoadDirectoryName	TITLE	[value]
	PATH_NAME – value	[value]
WINDOW_STATE		[MAX]
		[MIN]
		[NORMAL]
HEIGHT – value		
	WIDTH – value	
DELETE_BUTTON		[ON]
		[OFF]
CONTEXT_MENUS		[ON]
		[OFF]
READ_ONLY		[ON]
		[OFF]
INCLUDE_NON_FOLDERS		[ON]
		[OFF]
OLE_DRAG		[ON]
		[OFF]
OLE_DROP		[ON]
		[OFF]
CREATE_FOLDER_ICON		[ON]
		[OFF]
DELETE_FOLDER_ICON		[ON]
		[OFF]
VIRTUAL_FOLDERS		[ON]
		[OFF]
SHOW_HIDDEN		[ON]
		[OFF]

Example:

```

////////////////////////////////////
// Example to presentation:
//
//
// "Designing and Implementing R:BASE Plugins"
//
//
// Author: Aleksey V. Chuyasov.
//
//
// Load user-selected folder name to R:BASE variable
//
////////////////////////////////////

library LoadDirectoryName;

uses
    SysUtils,
    RzShellDialogs,
    Forms,
```

```

Classes;

{$E rbl}
{$R *.res}

procedure GetRBPluginName(ResName : PChar); stdcall;
var Name : string;
begin
    Name := 'Get File Name';
    StrLCopy(ResName, PChar(Name), Length(Name));
end;

function GetRBPluginType : Integer; stdcall;
begin
    Result := 101;
end;

function StartRBPlugin(Params : PChar) : PChar; stdcall;

procedure ParseParams(Strings : TStringList);
var st, s : string;
    i : integer;
begin
    Strings.Clear;
    st := string(Params);
    s := '';
    for i := 1 to Length(Params) do
    begin
        if st[i] <> '|' then
        begin
            s := s + st[i];
            if i = Length(Params) then Strings.Add(s);
        end else
        begin
            Strings.Add(s);
            s := '';
        end;
    end;
end;

var FolderDLG : TRzSelectFolderDialog;
    FileName : string;
    st, st2 : string;
    List : TStringList;
    CurrDir : string;
    i, j : integer;
    fullpath : boolean;
    Ans : array[0..65535] of char;
begin
    FillChar(Ans, 65536, #0);
    CurrDir := GetCurrentDir;
    try
        FolderDLG := TRzSelectFolderDialog.Create(nil);
    try
        List := TStringList.Create;
    try
        ParseParams(List);
        for i := 0 to List.Count - 1 do
        begin
            st := trim(UpperCase(List[i]));
            st2 := trim(List[i]);
            if pos('TITLE', st) = 1 then
            begin
                Delete(st2, 1, Length('TITLE'));
                st := trim(st2);
                FolderDLG.Title := st;
            end else
            if pos('PATH_NAME', st) = 1 then
            begin
                Delete(st2, 1, Length('PATH_NAME'));
                st := trim(st2);

```

```

    FolderDLG.SelectedPathName := st;
end else
if pos('WINDOW_STATE', st) = 1 then
begin
Delete(st, 1, Length('WINDOW_STATE'));
st := trim(st);
if st = 'MAX' then
FolderDLG.FormWindowState := wsMaximized else
if st = 'MIN' then
FolderDLG.FormWindowState := wsMinimized else
if st = 'NORMAL' then
FolderDLG.FormWindowState := wsNormal;
end else
if pos('HEIGHT', st) = 1 then
begin
Delete(st, 1, Length('HEIGHT'));
st := trim(st);
try
FolderDLG.FormHeight := StrToInt(st);
except
//if user typing non-integer value here.
end;
end else
if pos('WIDTH', st) = 1 then
begin
Delete(st, 1, Length('WIDTH'));
st := trim(st);
try
FolderDLG.FormWidth := StrToInt(st);
except
//if user typing non-integer value here.
end;
end else
if pos('DELETE_BUTTON', st) = 1 then
begin
Delete(st, 1, Length('DELETE_BUTTON'));
st := trim(st);
if st = 'ON' then FolderDLG.Options :=
FolderDLG.Options + [sfdoCreateDeleteButtons] else
if st = 'OFF' then FolderDLG.Options :=
FolderDLG.Options - [sfdoCreateDeleteButtons];
end else
if pos('CONTEXT_MENUS', st) = 1 then
begin
Delete(st, 1, Length('CONTEXT_MENUS'));
st := trim(st);
if st = 'ON' then FolderDLG.Options :=
FolderDLG.Options + [sfdoContextMenu] else
if st = 'OFF' then FolderDLG.Options :=
FolderDLG.Options - [sfdoContextMenu];
end else
if pos('READ_ONLY', st) = 1 then
begin
Delete(st, 1, Length('READ_ONLY'));
st := trim(st);
if st = 'ON' then FolderDLG.Options :=
FolderDLG.Options + [sfdoReadOnly] else
if st = 'OFF' then FolderDLG.Options :=
FolderDLG.Options - [sfdoReadOnly];
end else
if pos('INCLUDE_NON_FOLDERS', st) = 1 then
begin
Delete(st, 1, Length('INCLUDE_NON_FOLDERS'));
st := trim(st);
if st = 'ON' then FolderDLG.Options :=
FolderDLG.Options + [sfdoIncludeNonFolders] else
if st = 'OFF' then FolderDLG.Options :=
FolderDLG.Options - [sfdoIncludeNonFolders];
end else
if pos('OLE_DRAG', st) = 1 then
begin
Delete(st, 1, Length('OLE_DRAG'));

```

```

        st := trim(st);
        if st = 'ON' then FolderDLG.Options :=
            FolderDLG.Options + [sfdoOleDrag] else
        if st = 'OFF' then FolderDLG.Options :=
            FolderDLG.Options - [sfdoOleDrag];
    end else
    if pos('OLE_DROP', st) = 1 then
    begin
        Delete(st, 1, Length('OLE_DROP'));
        st := trim(st);
        if st = 'ON' then FolderDLG.Options :=
            FolderDLG.Options + [sfdoOleDrop] else
        if st = 'OFF' then FolderDLG.Options :=
            FolderDLG.Options - [sfdoOleDrop];
    end else
    if pos('CREATE_FOLDER_ICON', st) = 1 then
    begin
        Delete(st, 1, Length('CREATE_FOLDER_ICON'));
        st := trim(st);
        if st = 'ON' then FolderDLG.Options :=
            FolderDLG.Options + [sfdoCreateFolderIcon] else
        if st = 'OFF' then FolderDLG.Options :=
            FolderDLG.Options - [sfdoCreateFolderIcon];
    end else
    if pos('DELETE_FOLDER_ICON', st) = 1 then
    begin
        Delete(st, 1, Length('DELETE_FOLDER_ICON'));
        st := trim(st);
        if st = 'ON' then FolderDLG.Options :=
            FolderDLG.Options + [sfdoDeleteFolderIcon] else
        if st = 'OFF' then FolderDLG.Options :=
            FolderDLG.Options - [sfdoDeleteFolderIcon];
    end else
    if pos('VIRTUAL_FOLDERS', st) = 1 then
    begin
        Delete(st, 1, Length('VIRTUAL_FOLDERS'));
        st := trim(st);
        if st = 'ON' then FolderDLG.Options :=
            FolderDLG.Options + [sfdoVirtualFolders] else
        if st = 'OFF' then FolderDLG.Options :=
            FolderDLG.Options - [sfdoVirtualFolders];
    end else
    if pos('SHOW_HIDDEN', st) = 1 then
    begin
        Delete(st, 1, Length('SHOW_HIDDEN'));
        st := trim(st);
        if st = 'ON' then FolderDLG.Options :=
            FolderDLG.Options + [sfdoShowHidden] else
        if st = 'OFF' then FolderDLG.Options :=
            FolderDLG.Options - [sfdoShowHidden];
    end;
    end;
    if FolderDLG.Execute then
    begin
        FileName := FolderDLG.SelectedPathName;
    end;
    finally
        List.Free;
    end;
    finally
        FolderDLG.Free;
    end;
    finally
        StrPCopy(Ans, FileName);
        Result := Ans;
        SetCurrentDir(CurrDir);
    end;
end;

Exports GetRBPluginName, GetRBPluginType, StartRBPlugin;
begin

```

end.

SYNTAX:

```
PLUGIN LoadDirectoryName.rbl vFolderName|CREATE_FOLDER_ICON  
ON|DELETE_FOLDER_ICON ON
```

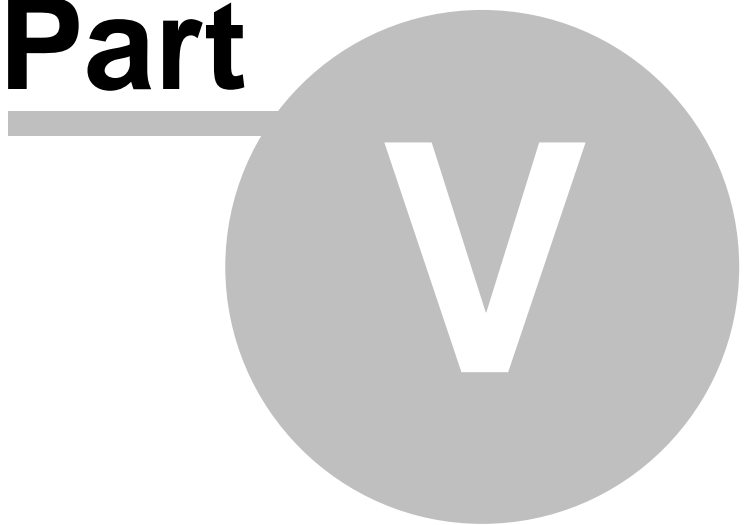
Part

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4 Request a Custom Plugin

If you have a request for a custom Plugin for your R:BASE application, please contact the R:BASE Technologies, Inc. Development Team at rbg75rdcc@rbase.com. Pricing for custom Plugins vary based on the Plugin specifications.

Part



5 Technical Support

Please read over this inline HELP documentation at least once before seeking support for this product. We have worked very hard to make this help file clear and useful, but concise. There's a lot of power here so we suggest you reread these instructions once you have become accustomed to using R:BASE Plugins. New uses will become apparent.

If you have further question(s) about a R:BASE Plugin, and can't find the answer(s) in this help documentation, you can obtain information from a variety of sources:

- E-mail our Technical Support Department at: support@rbase.com
- Access the R:BASE Technologies Support Home Page on the World Wide Web at <http://www.rbase.com/support>.
- Call our Technical Support Department at (724) 733-0053 Monday through Friday, 10:00 AM to 6:00 PM (EST). You should be at your computer with R:BASE Plugins running and ready to make changes suggested by our technical staff. You may be required to purchase a technical support plan. Several support plans are available to suit the needs of all users. [Available Technical Support Plans](#)

Please be prepared to refer to the following:

- The technical support registration number, which is located on the registration card included with this product. If you purchased this product directly from R:BASE Technologies, your technical support registration number can be found on your invoice or packing sheet.
- The type of hardware and operating system you are using.
- Details regarding your operating environment, such as available memory, disk space, your version of the R:BASE Plugin, local area network, special drivers, related database structures, application files, and other files that are used or accessed by your application.

All of the information that you provide us is used to better and more expeditiously assist you.

R:BASE Technologies has a number of different services available for R:BASE products. As a registered user, you will receive information about new releases of R:BASE Plugins and other R:BASE Technologies products. Please remember to register your R:BASE software as well as any other R:BASE related software.

<http://www.rbase.com/register/>

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6 Feedback

Suggestions and Enhancement Requests:

From time to time, everyone comes up with an idea for something they'd like their software to do differently. This is true of all applications, no less R:BASE Plugins.

If you come across an idea that you think might make a nice enhancement to a R:BASE Plugin, your input is always welcome.

Please submit your suggestion and/or enhancement request to our R:BASE Developers' Corner Crew (R:DCC) email address at: rbg7rdcc@rbase.com. Describe what you think might make a nice enhancement.

Unless additional information is needed, you will not receive a direct response.

Reporting Bugs:

If you experience something you think might be a bug in a R:BASE Plugin, please report to our R:BASE Developers' Corner Crew (R:DCC) email address at: rbg7rdcc@rbase.com. If you would like to send the sample as an attachment in reference to submitted bug, please do so.

You will need to describe:

- What you did
- What happened
- What version of the R:BASE Plugin you have
- Any error messages the R:BASE Plugin gave
- What kind of computer you have
- Which operating system you're using
- Anything else you think might be relevant

Unless additional information is needed, you will not receive a direct response.

If you would like to send the sample as an attachment in reference to submitted bug on RBG7RDCC, please send an e-mail to rbg7rdcc@rbase.com.

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