



R:Spell Checker 11

Manual

by R:BASE Technologies, Inc.

Welcome to R:Spell Checker 11!

R:Spell Checker is an end-user spell check Plugin for confirming the spelling for form controls. R:Spell Checker works with TEXT, NOTE, VARCHAR and BLOB(RTF) data types

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1 Introduction

1.1 Introducing R:Spell Checker 11

R:Spell Checker is an end-user spell check Plugin for confirming the spelling for form controls. R:Spell Checker works with TEXT, NOTE, VARCHAR and BLOB(RTF) data types. Editing the form data is supported for the following Database and Variable Controls:

- DB Edit
- DB Memo
- DB Rich Text
- Advanced DB Rich Edit
- DB Unicode Memo
- Variable Edit
- Variable Memo
- Variable Rich Text
- Variable Unicode Memo

R:Spell Checker supports two different methods to store the spell checking configuration settings. The default option for individual users is the registry. For network installations, compiled applications, or runtime users, the spell checking configuration settings can be stored in a configuration file. The configuration file support allows individuals to use and store their own spell check settings.

R:Spell Checker includes several word dictionaries and allows you to create custom dictionaries to customize the spell checker behavior. R:Spell Checker also contains "Custom Dictionary" options that support new words to be added to a dictionary, an Auto-Correct feature so you can specify a list of words to be paired up and automatically corrected, and an exclusion list of words that will always be considered misspelled.

The following language dictionaries are included with the product:

- Afrikaans
- English (US)
- Brazilian Portuguese
- Czech
- Danish
- Dutch
- French
- German
- Norwegian
- Polish
- Russian
- Spanish
- Swedish

Medical, Legal, and Technical dictionaries can also be added to verify the accuracy for a word, and to also avoid spell checking commonly terms for medical, legal, and technical business environments. The Medical dictionary contains 207,963 words. The Legal dictionary contains 4,736 words. The Technical dictionary contains 5,667 words.

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First Edition

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- To help us expedite the process and provide high quality assistance, the licensee must provide proof of purchase when calling. Proof of purchase is defined as the following: registration number, purchase date, version and build number, and company or individual to which product is registered.
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1.4 Complimentary Support

30 DAY LIMITED COMPLIMENTARY TECHNICAL SUPPORT

A. LICENSEE RESPONSIBILITIES.

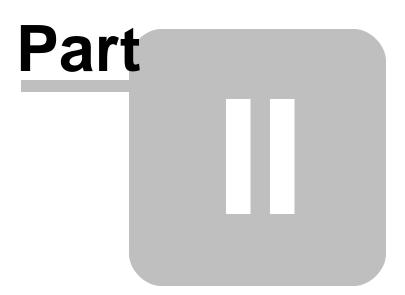
- 1. To help us expedite the process and provide high quality assistance, the licensee must provide proof of purchase. Proof of purchase is defined as the following: registration number, purchase date, version and build number, and company or individual to which product is registered.
- 2. To have operating system, workstations, and local network installed and functional. R:BASE Technologies will NOT be responsible for resolving issues not pertaining to the software product.
- 3. Our support staff deals with advanced issues, therefore the person contacting R:BASE Technologies for assistance should be the system administrator or have other R:BASE/SQL experience and be able to understand and implement the advice given.
- 4. To have the database, application, and command files being reviewed, safely backed-up before attempting assistance. R:BASE Technologies will NOT be held responsible for lost data or corruption as a result of advice given.

B. R:BASE TECHNOLOGIES, INC. RESPONSIBILITIES.

- 1. To provide quality assistance in a timely manner to aid in the installation of the product and elementary conversion of database, application, and command files within 30 days of the date of purchase.
- 2. To provide a reasonable solution for any solvable issue. Not all issues may be solved, and therefore we will acknowledge the existence of known issues, or bugs, which we are presently aware of, that have no reasonable work-around.

R:BASE Technologies reserves the right to limit the amount of support time allotted to a maximum of 2 HOURS during the 30-Day Complimentary Technical Support period. We also reserve the right to limit the quantity of calls from a particular licensee to 30 MINUTES in a single day. Issues are dealt with on a case-by-case basis, and are handled at the discretion of the support agent assigned to the case. Complimentary Support is limited to INSTALLATION and ELEMENTARY CONVERSION related issues ONLY. Our support hours are Monday through Friday, from 10:00 AM to 6:00 PM (EST).

For application, design, or advanced conversion assistance, R:BASE Technologies offers Technical Support Plans of various types to meet your needs. Please visit the Support page at https://www.rbase.com/support for details and pricing.



2 Installation

2.1 System Requirements

The following system specifications are recommended for the optimal use of R:BASE and R:BASE-related software.

Workstation Hardware

- 2-Core 2GHz+ CPU
- 2 GB of available RAM (4 GB recommended)
- 2 GB of available hard disk space
- 1024x768 or higher resolution video adapter and display
- Standard mouse or compatible pointing device
- Standard keyboard

Server Hardware

- 2-Core 2GHz+ CPU
- 6 GB of available RAM (8 GB recommended)

Operating System

- Microsoft Windows 11 (Professional)
- Microsoft Windows 10 (Professional)
- Microsoft Windows Server 2025
- Microsoft Windows Server 2022
- Microsoft Windows Server 2019
- Microsoft Windows Server 2016

Network

- Ethernet infrastructure (Gigabyte recommended)
- Internet connection recommended, but not required, for license activation, software updates, and support
- Anti-virus programs should exclude the R:BASE program, and any add-on product, executable and database files

2.2 Things You Will Need

License Key

Before launching the installer, it is recommended that you have your 32-character License Key readily available. The License Key is provided in a document, with the email message, when the software was originally purchased. If you have lost or misplaced your License Key, please contact our Support Staff by email at support@rbase.com.

• Internet Access

The computer where the software will be launched should have access to the Internet for activation. The Internet access is used to visit the R:BASE Technologies Web site to provide your required Activation Key.

In instances where the software will be installed on a computer that is not connected to the Internet, you must then contact R:BASE Technologies to provide information displayed on the computer screen. Please contact our Product Activation Staff by email at <u>activationkey@rbase.com</u>. The Registration Number must be provided. The Registration Number is displayed on the invoice/order slip, and within the email, when the software was originally purchased.

2.3 Software Installation

The installation of R:Spell Checker is fully automated and does not require user intervention for the initial setup.

Run the installer ".exe", provided by download, while physically sitting at the workstation to begin the installation process, and read the installer screens for licensing and other information as the program installs.

Installation Directory

 $C:\RBTI\RSpellChecker11$

Files Installed

RSpellChecker11.rbm RSpellChecker11.chm RSpellChecker11.pdf License.rtf ReadMe.txt

Requirements:

Plugin and Dictionaries

The R:Spell Checker 11 Plugin file (RSpellChecker11.rbm) and "Dictionaries" folder must be placed in the R:BASE 11 program directory (default: C:\RBTI\RBG11) or the runtime/compiled application directory.

Configuration of Dictionaries

The dictionaries that R:Spell Checker uses must be associated with the Plugin in order to check the spelling for words. The association must be made using a graphic user interface. Refer to the <u>Dictionary Setup</u> for more details.

2.4 Plugin Activation

R:BASE Plugins can be used to enhance, or extend R:BASE operations. Current R:BASE Plugins use the .RBM file extension.

To begin using any plugin product, the plugin must be registered for use.

The license type for R:BASE and R:BASE plugin products must match. The license keys supplied with Single Seat and 5 Seat plugin products will only be accepted within Single Seat and 5 Seat versions of R:BASE, and are not accepted within R:Compiler for R:BASE or Runtime for R:BASE programs. The same license structure is also in place for Runtime License Keys for plugin products, where the key will not be accepted within Single Seat and 5 Seat Licenses R:BASE.

2.4.1 R:BASE

To begin using a plugin product, you must register the software within R:BASE by selecting "Help" > "Product Activation" from the main Menu Bar. In this window, select the "Add New" button where you can enter or copy and paste the License Key you received with your product.

Only "Per Seat" License Keys are valid for this entry screen. All "Runtime" License Keys must be registered within R:Compiler for R:BASE or within Runtime for R:BASE separately.

License Informa	ation					×
Enter License	Key:					
		 ×				
Paste			\	к	× Canc	el

After entering the License Key, you will see a dialog to prompt for your activation method. The software can be activated automatically over the Internet, or manually by retrieving an Activation Key from R:BASE Technologies by email or over the phone. If you select "Later", you will be reminded each time R:BASE starts to activate your copy.

R:BASE Activation Wiza	rd		×
Select activation me	thod:		
	nd quickest way et connection is	to activate your so established. The w	
	f the automatic	activation failed fo il to obtain an Activ	
Activate later			
	< <u>B</u> ack	<u>N</u> ext >	Cancel

When activating the software manually, you select the e-mail link to launch your email client and send a pre-formatted message to R:BASE Technologies that will contain your License Key and the displayed Computer ID. You will need to provide your R:BASE Registration Number and Computer ID.

BASE Activation Wiz	ard	2
	vation Key, please select the e ng Computer ID, which is unio	
Com	nputer ID: 944C	4593
E-mail: activationke	y@rbase.com	
Activation Key:		Paste
	< Back Next >	Cancel

At any time, you can review your product information by starting R:BASE, and from the Menu Bar clicking on "Help" > "Product Activation". Your R:BASE Registration Number is displayed on the window. You can also enter additional License Keys for R:BASE add-on products.

Product Name	Registration Number	Number of Seats
R:BASE 11	1100007	5
R:BASE Plugin Power Pack 11	1100007	5
R:PDF Works 11	1100007	5
R:Spell Checker 11	1100007	5
icense Key:	Activation Key:	ſ

Please be advised that if you are activating multiple workstations, it is highly recommended that you keep records of the computer name, Computer ID and Activation Key for future reference. Access to this information will prove convenient in the event of a hardware failure or license transfer when uninstalling R:BASE.

Please see: Uninstall/Reinstall

2.4.2 R:Compiler for R:BASE

Runtime License Key

Runtime license keys for an R:BASE Plugin must be stored within the compiled executable. A specific Runtime License Key would be provided after your purchase of the Runtime software product. Adding a Runtime License to your project can be done by selecting the "Add License" button, and pasting the appropriate Runtime License Key into the displayed dialog window.

Add New License	×
Enter the License Key for your registered	product:
Paste	OK Cancel

After a Runtime License is added as a resource, it will be assigned a "Resource ID". This ID consists of the word "License" and an incrementing value for the number of licenses added to the executable.

Plugin File (.RBM)

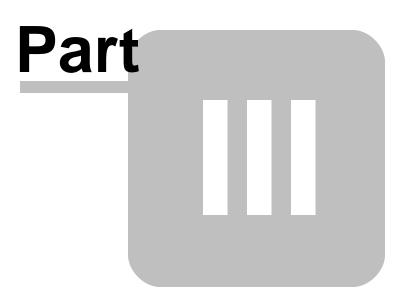
R:BASE Plugin files can be added and stored within the compiled executable or included within the R:BASE application directory. The Runtime license key pertaining to the R:BASE Plugin must be stored in the compiled executable.

Adding a Plugin to the list of resources can be performed by selecting the "Add Plugin" button on the Tool Bar. You will be prompted to locate the appropriate Plugin file with the .RBM file extension. After a Plugin file is added as a resource, it will be assigned a "Resource ID". This ID consists of the Plugin file name.

2.4.3 Runtime for R:BASE

After R:BASE Plugins are acquired for Runtime for R:BASE applications, the Plugin file must be included in the Runtime application folder, to be loaded when the Runtime application launches.

To load the Plugin, the License Key must be included into the Runtime for R:BASE session by adding the following PROPERTY command within the application startup file:



3 Uninstall

If a computer is no longer using R:Spell Checker, through license transfer or hardware failure, the Activation Key that was used on that computer must be submitted to R:BASE Technologies so we can then remove the Activation Key from our log. We will disable the Key, which will then free up that used activation. Once a key is reported to us as no longer in use and deactivated, it can no longer be used on that computer.

Product deactivation can be performed automatically from within R:BASE. To review your product information select "Help" > "Product Activation" from the Menu Bar. Here, the License Key and Activation Key for a selected product is available for review.

Product Name	Registration Number	Number of Seats
R:BASE 11	1100007	5
R:BASE Plugin Power Pack 11	1100007	5
R:PDF Works 11	1100007	5
R:Spell Checker 11	1100007	5

If the License Key for your product is not readily available for the license transfer, select the "Copy License Key" button to send your License Key to the clipboard.

To deactivate a listed product, select it and press the "Deactivate" button. The below confirmation dialog will appear. After selecting "Yes", the product will be removed from the list.

Confirm		×
0	Product deactivation should ONLY be performed if you wish to permanently remove the software, and it will not be re-installed on this specific computer.	
	Please be aware that you will no longer be able to run this software on this computer.	
	This action will require internet access.	
	Do you really want to deactivate R:Spell Checker 11?	
	Yes No	

After completing the deactivation of the product, it can be successfully reinstalled and activated.

Part IV

4 Using R:Spell Checker

4.1 Configuration Options

R:Spell Checker supports two different methods to store the spell checking configuration settings and the location for the required dictionaries. The default location is the registry. For network installations of R:BASE, compiled applications, or runtime users, the spell checking configuration settings can be stored in a configuration file. The configuration file support allows individuals to use and store their own spell check settings.

To use a configuration file, refer to the CONFIG_TYPE parameter within the <u>Command Syntax</u>.

4.2 Dictionary Setup

When R:Spell Checker is first launched, the spell options must be established and the appropriate dictionaries must be located in order for the plugin to check word spellings.

As per the <u>installation</u> instructions, the "Dictionaries" folder, as well as the Plugin file, should have already been copied/moved. Select the "Options" button to locate the required dictionaries to check the spelling for words.

Not Found:	Caled	Ignore	Ignore All
<u>R</u> eplace With:	Calked	Change	Change All
Suggestions:	Calked Called Calmed	Add	Auto-Correct
Undo	Calved Cabled		
Options	Caleb		Cancel

When the "Spelling Options" dialog appears, you can choose any of the available check boxes based on your spell check requirements. Next, you must locate the dictionary files included with R:Spell Checker. To do so, choose the "Locate Dictionaries..." line to browse for the folder location where you have stored the list of dictionaries included with R:Spell Checker.

	>
Options:	
Ignore words in UPPERC	ASE
Ignore words containing	g <u>n</u> umbers
Ignore markup languag	es (<u>H</u> TML, XML, etc)
Ignore Internet addresse	s
Ignore quoted lines	
🕑 Ignore abbreviations	
Suggest from main dict	ionaries only
Elag repeated words wh	en checking spelling
Dictionaries:	
Dictionation	
Name	Filename
	Filename
Name	
Name	Filename

After browsing and locating the directory of dictionaries that you have copied, the list of available dictionaries will populate the grid.

<u>Custom Dictionaries</u> are also available for more advanced checking of words, like Auto-Correct. With Auto-Correct, you can specify a list of words to be ignored, pair up words that are commonly misspelled, and exclude words that will always be considered misspelled.

After assigning your spelling options and dictionary path, the configuration settings will be stored within the computer's registry by default. For additional details regarding using a configuration file, and network configuration options, see <u>Configuration Options</u>.

Note:

• If the Dictionaries folder is deleted or moved, R:Spell Checker will not be able to check the spelling for words until it is replaced or if the Dictionaries are once again located using the dictionary setup.

4.2.1 Custom Dictionaries

A custom dictionary can be added to the R:Spell Checker environment by selecting the "Dictionaries.." button.

pelling Options			>
Options:			
Ignore words in UPPER	CASE		
Ignore words containin	ig numb	ers	
Ignore markup languag	ges (HTN	IL, XML, etc)	
Ignore Internet address	es		
Ignore quoted lines			
Ignore abbreviations			
Suggest from main dic	tionaries	only	
Flag repeated words w	hen chec	king spelling	
-	hen chec	king spelling	
Dictionaries:	1		
D <u>i</u> ctionaries: Name	Filena	ame	1
Dictionaries: Name Afrikaans	Filena		1
D <u>i</u> ctionaries: Name	Filena afrikaa	ame	1
Dictionaries: Name Afrikaans	Filena afrikaa Ameri	ame ans.adm	1
Dictionaries: Name Afrikaans English (US)	Filena afrikaa Ameri	ame ans.adm can.adm ort.adm	I
Dictionaries: Name Afrikaans English (US) Brazilian Portugues	Filena afrikaa Ameri brazpo	ame ans.adm can.adm ort.adm	I

The following dialog will be displayed to use the existing custom dictionary "autocorrect.adu" or, you can create your own. To access the settings for the existing custom dictionary, choose "autocorrect.adu" from the list and select the "Edit" button.

autocorrect.adu	Edit
	Delete
	New

The Custom Dictionary options support new words to be added to a dictionary, an Auto-Correct feature so you can specify a list of words to be paired up and automatically corrected, and an exclusion list of words that will always be considered misspelled. With a Custom Dictionary defined, the "Add" and "Auto-Correct" buttons will become enabled when R:Spell Checker encounters misspelled words.

Adds Auto-C	Corrections E	clusions		
	to-correct to y ord to automa			
Re <u>p</u> lace:	Wit <u>h</u> :			
			Add	
esle	else		Delete	
hvaing	having			
labratory	laborator	y		
freind	friend			
freindly	friendly			
quetion	question			
comited	committe	ed		
hting	thing			
htink	think			

4.3 Command Syntax

The R:Spell Checker spelling options can be initialized by assigning each of the options with the PLUGIN command.

Syntax:

PLUGIN RSpellChecker '<Component ID>|<parameter> <value>'

Where:

<Component ID> is the user defined Component ID assigned to the Database or Variable Controls that will be used to check the spelling.

Parameters:

Parameter	Values	Description
LANGUAGE	ENGLISH SWEDISH PORTUGESE AFRICAANS GERMAN SPANISH RUSSIAN CZECH DUTCH DANISH POLISH NORWEGIAN FRENCH	Changes user interface language
IGNORE_UPPER_CASE	ON OFF	Ignores words in UPPERCASE
IGNORE_NUMBERS	ON	Ignores words containing numbers

	OFF	
IGNORE_HTML	ON OFF	Ignores markup languages (HTML, XML, etc)
IGNORE_INTERNET_ADDRESSES	ON OFF	Ignores Internet addresses
IGNORE_QUOTED_LINES	ON OFF	Ignores quoted lines
IGNORE_ABBREVIATIONS	ON OFF	Ignores abbreviations
PRIMARY_ONLY	ON OFF	Suggests spell checking from the main dictionaries only
REPEATED	ON OFF	Prompts on repeated words
CONFIG_TYPE	FILE REGISTRY	Specifies the storage method for the spell check configuration settings
CONFIG_FILE	value	Specifies the configuration file name. If the specified file does not exist, it is created.
CONFIG_ID	value	Changes configuration ID value. By default it is set to your Windows Login name.
DICTIONARY	value	Changes the folder path which contains the dictionaries

Notes:

- Each option must be separated by the pipe "|" character.
- Notice that there is a pipe character "|" after the Component ID and before the language dictionary ID.
- The default Language ID is 0, for English. If you do not specify a Language ID, English is always used.
- If the "Dictionaries" folder is deleted or moved, R:Spell Checker will not be able to check the spelling for words until it is replaced or if the Dictionaries are once again located using the <u>Dictionary Setup</u>.

4.4 Examples

4.4.1 Example 1

If you wish to spell check the contents of a NOTE/VARCHAR/BLOB (RTF) field for only one control on a form, you may use the following technique based upon the "RRBYW19" database and "CallNotesEdit" form:

- 1. Start R:BASE 11.
- 2. Connect to the RRBYW20 sample database.
- 3. Open the Database Explorer window and choose "Forms" > "CallNotesEdit" > "Design Form"
- 4. In the Form Designer, right click on the "ContactCallNotes:CallNotes" NOTE field (DB Memo Control) and select "Object Property".
- 5. Notice the "CallNotes" value in the "Component ID" field.
- 6. Click the "OK" button to save the Object Properties for the CallNotes object.
- 7. While still in the Form Designer, review the "Speed Button" (with green check mark) with the following properties:

Properties:

Properties	Glyph Effe	cts EEP	s Variable Lin	ks 👻
Size and Co	and the second second second second			6
Left:	313	•	Width:	36 💌 🔺
Тор:	17	•	Height:	149 🔹 🔺
Align:	None			~
Caption Set	tings			6
Hint				
Click here	to spell chee			
Background	d Color and I	Font		
Buttor	and the second	~		
Attributes				
🔄 Show H	int			
Transparent	rent			
Show Fo	ocus Rect			
Flat				
	mer			
🛛 Allow Ti				
Allow Ti 🗌 Allow U	p			
Allow U	p ccelerator Cł	naracter		
Allow U	ccelerator Cł	naracter		

EEPs:

Properties	Glyph	Effects	EEPs	Variable Links	
O Predefi	ned				
					\sim
⊖ Stored	Procedu	re			
					\sim
O Custom	n Form A	Action			
					\sim
O Custom	n On Clie	k			
🗌 In					
	Edit			Edit Custom EEP	
On Double	Click				
🗌 In					
	Edit			Edit Custom EEP	
On Mouse	Enter				
On Mouse	Leave				

8. Click on the "Edit Custom EEP..." button to review the command syntax. The R:Spell Checker Plugin syntax will perform the "spell check" upon the Component ID specified.

🕜 Speed Button, Caption: , Left: 313, Top: 17, Width: 36, Height: 149 -> On Click EEP		<u> </u>		×
File Edit View Insert Goto Settings Utilities				
📄 📂 🗟 🗃 🖻 🖨 🖓 🤊 (° X 🖻 🖺 🔒 🗛 🕺 🦏 🛅 🕝 🚈 🗸 📯 🔏 0 0 2 3 0	4 5 (6 7 8	8 9	
PLUGIN RSpellChecker CallNotes				
Error Mes ×				
	k	🗸 ОК	X Can	ncel
1:1 Insert Scheme: R:BASE	_			.15

9. Close the R:BASE Editor window and click the "OK" button to save the Object Properties for the Speed Button.

If you click on the "Spell Check" button, it should check the spelling for the notes in CallNotes.

To test R:Spell Checker, change a word or two to purposely misspell the word and check your results. Any misspelled words will be displayed in the R:Spell Checker window.

Not Found:	Caled	Ignore	Ignore All
<u>R</u> eplace With:	Calked	Change	Change All
<u>S</u> uggestions:	Calked Called Calmed	Add	Auto-Correct
Undo	Calved Cabled		
Options	Caleb		Cancel

With no words to correct, the confirmation message will appear.

4.4.2 Example 2

If you wish to check the spelling for the contents of "every" TEXT, NOTE, VARCHAR, BLOB (RTF) controls on a form (making it universal), then you may use the following technique, based upon the "RRBYW19" database and "Contacts" form:

- 1. Start R:BASE 11.
- 2. Connect to the RRBYW20 sample database.
- 3. Open the Database Explorer window and choose "Forms" > "Contacts" > "Design Form"
- 4. In the Form Designer, review the Component ID fields for the following Database Control objects:

ContLName
ContFName
ContInfo

Take notice that the name for the Component ID is identical to the actual column name for each object.

5. In the Form Designer, review the "Speed Button" with the following properties:

Properties:

Properties	Glyph	Effects	EEPs	Variable L	.inks	
Size and Co	ordinate	es				
Left:		29 👻 -	•	Width:		113 👻
Top:	1	68 💌	•	Height:		44 💌
Align:	Non	e		124154		0
Caption Set	ttings					
Spell Che	ck					
Hint						
Click here	to spell	check				
Backgroun	d Color a	and Font	t			
Backgroun	1010000000000000	and Font	~	A	aBbYy	Zz
	1010000000000000	and Font	t ~	A	aBbYyi	Zz
Buttor	n Face	and Font	: ~	A	aBbYy	Zz
Buttor	n Face	and Font	: ~	A	.aBbYyJ	Zz
Buttor Attributes Show H	n Face		- -	A	.aBbYy	Zz
Buttor Attributes Show H	int rent		-	A	aBbYyi	Zz
Attributes Show H Transpa	int rent ocus Rec		<u> </u>	A	.aBbYyi	Zz
Attributes Show H Transpa Show Fe Flat	int rent ocus Rec		- -	A	.aBbYy	Zz
Attributes Show H Transpa Show Fe Flat	int rent ocus Rec imer p	t	-	A	.aBbYyi	Zz
Attributes Show H Transpa Show Fe Flat Allow U Allow U	int rent ocus Rec imer p ccelerato	t	-	A	.aBbYyi	Zz

EEPs:

peed Butto	on Prope	rties				×
Properties	Glyph	Effects	EEPs	Variable Links		-
O Predefi	ned					
					\sim	
○ Stored	Procedu	re				
Custom	Earna A	sting			×	
Custon	1 FOIM A	ction			~	
Custom	n On Clic	:k				
] In					_	
	Edit			Edit Custom EEP		
On Double	Click				(- 2
] In						
	Edit			Edit Custom EEP		
On Mouse	Enter					
On Mouse	Leave					OĐ

6. Click on the "Edit Custom EEP..." button to review the command syntax. The R:Spell Checker Plugin syntax will perform the "spell check" upon the selected column object on the form with the RBTI_Form_ColName system variable.

_		n, Caption: Sp				Width: 113,	Height	44 -> Or	n Click EE	P			_								_		×
ile E	Edit View	Insert Goto	Settings	5 Utilities																			
		8		3	9	6 8		11 🔓	1		ab ∰a ∳a	ic 🚞	11 🗸	*-	24	0 1	2	3 4	1 5	6	7	8 9	
1	SET VAR	vColumnN	Tame =	.RBTI	Form Co	lName							 										
	PLUGIN RETURN	RSpellChe	ecker .	vColum	nName																		
Г																							
L										_													
																				1	K	Xc	ancel
	1:1	Insert								cheme:	DACE												

How does it work?

When R:BASE Forms are in runtime mode, the following RBTI System Variables are always created:

- RBTI_FORM_COLNAME
- RBTI_FORM_COLVALUE
- RBTI_FORM_DIRTYVAR
- RBTI_FORM_FORMNAME
- RBTI_FORM_TBLNAME
- RBTI_FORM_VARNAME
- RBTI_FORM_VARVALUE

When you click on any of the fields in the example above, i.e., ContLName, ContFName or ContInfo, the current value for **RBTI_FORM_COLNAME** is assigned.

- If the cursor focus is on the Last Name field (ContLName) and you click on the [Spell Check] Speed Button, it will check the spelling for the Last Name.
- If the cursor focus is on the First Name field (ContFName) and you click on the [Spell Check] Speed Button, it will check the spelling for the First Name.
- If the cursor focus is on the Information Notes field (ContInfo) and you click on the [Spell Check] Speed Button, it will check the spelling for the Information Notes.
- 7. Close the R:BASE Editor window and click the "OK" button to save the Object Properties for the Speed Button.

Then, when the [Spell Check] Speed Button is selected, the EEP is fired and performs the spell checking.

4.4.3 Example 3

The following technique uses a network setup for the R:Spell Checker plugin to take advantage of the enhanced command syntax where one can define any location for the spell checker dictionaries and specify a the file method to store th configuration settings..

The following example is based upon the "RRBYW20" database and "CallNotesEdit" form. With this example, the R:Spell Checker plugin, and "Dictionaries" folder must be copied into a network R:BASE/Runtime/compiled executable program directory. This examples places the "RRBYW20" database on the root of a mapped drive letter "O:".

- 1. Connect to the RRBYW20 sample database
- 2. Open the Database Explorer window and choose "Forms" > "Contacts" > "Design Form"

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- 3. Review the "Speed Button" and select the "EEPs" tab.
- 4. Click on the "Edit Custom EEP..." button to alter the command syntax as follows:

```
PLUGIN RSpellChecker CallNotes +
    |LANGUAGE ENGLISH +
    |DICTIONARY 0:\RRBYW20\Dictionaries\ +
    |CONFIG_TYPE FILE +
    |CONFIG_FILE 0:\RRBYW20\RSpellChecker11.CFG
```

RETURN

5. Close the R:BASE Editor window and click the "OK" button to save the Object Properties for the Speed Button.

When you run the form, the R:Spell Checker Plugin will look at the specified "Dictionaries" directory and follows the parameters specified in the configuration file.

Part V

5 R:BASE Editor Integration

When the R:Spell Checker 11 Plugin is added to the R:BASE 11 program directory, additional functionality for <u>Spell Check</u> and <u>Thesaurus</u> becomes enabled within the R:BASE Editor.

5.1 Spell Checker

The built-in Spell Checker includes several word dictionaries and allows you to create custom dictionaries to customize the spell checker behavior. The Spell Checker also contains "Custom Dictionary" options that support new words to be added to a dictionary, an Auto-Correct feature so you can specify a list of words to be paired up and automatically corrected, and an exclusion list of words that will always be considered misspelled. For information on setting up your Spell Checker settings, please see <u>Spell</u> <u>Checker Setup</u>.

Not Found:	Caled	Ignore	Ignore All
<u>R</u> eplace With:	Calked	Change	Change All
<u>S</u> uggestions:	Calked Called Calmed	Add	Auto-Correct
Undo	Calved Cabled		
Options	Caleb		Cancel

5.1.1 Spell Check Setup

The Spell Check Setup displays the dialog of the configuration controls specifically related to the spell checker. When the following dialog appears, you can choose any of the available check boxes based on your spell check requirements.

pelling Options	
Options:	
Ignore words in <u>UPPI</u>	ERCASE
Ignore words contain	ning <u>n</u> umbers
Ignore markup langu	iages (<u>H</u> TML, XML, etc)
🕗 lgnore <u>I</u> nternet addre	esses
Ignore quoted lines	
🕑 Ignore abbreviations	
Suggest from main d	lictionaries only
Elag repeated words	when checking spelling
Dictionaries:	
Name	
	Filename
Locate Dictionaries.	
Locate Dictionaries.	

Next, you must locate the dictionary files included with R:BASE. To do so, choose the "Locate Dictionaries..." line to browse for the folder location where you have installed R:BASE. After browsing and locating the directory of dictionaries that you have copied, the list of available dictionaries will populate the grid.

pelling Options		×
Options:		
Ignore words in UPPER	CASE	
🗌 Ignore words containin	ig numbers	
🗌 Ignore markup languag	ges (HTML, XML, etc)	
Ignore Internet address	es	
🗌 Ignore quoted lines		
Ignore abbreviations		
Suggest from main dic	tionaries only	
Flag repeated words will		
-	3, 3	
Dictionaries:	1	_
Name	Filename	
INdiffe		
Afrikaans	afrikaans.adm	L
	afrikaans.adm American.adm	I
Afrikaans		I
 Afrikaans English (US) 	American.adm	I
 Afrikaans English (US) Brazilian Portugues 	American.adm brazport.adm	1
 Afrikaans English (US) Brazilian Portugues Czech 	American.adm brazport.adm	

After assigning your spelling options and dictionary path, you can also assign a custom dictionary. A custom dictionary can be added to the Spell Check environment by selecting the "Dictionaries.." button. The following dialog will be displayed to use the existing custom dictionary "autocorrect.adu" or, you can create your own. To access the settings for the existing custom dictionary, choose "autocorrect.adu" from the list and select the "Edit" button.

Custom Dictionaries:	
autocorrect.adu	Edit
CUSTOM.DIC	Delete
	New
	ОК

The Custom Dictionary options support new words to be added to a dictionary, an Auto-Correct feature so you can specify a list of words to be paired up and automatically corrected, and an exclusion list of words that will always be considered misspelled.

dds Auto-C	Corrections Exclusion	IS	
	to-correct to your cus ord to automatically r With:		
epiace.			Add
esle	else		Delete
hvaing	having		
labratory	laboratory		
freind	friend		
freindly	friendly		
quetion	question		
comited	committed		
hting	thing		
htink	think		

5.2 Thesaurus

The Thesaurus within R:BASE Editor will allow you to search for replacement words for message portions of your R:BASE command files, like PAUSE, DIALOG, and CHOOSE. The thesaurus would also be used for any other text documents opened within R:BASE Editor where the need is to find word synonyms and antonyms.

The thesaurus file Roget.adt must be located in the "Dictionaries" sub-folder of the R:BASE program folder, which is initialized when R:BASE is launched (i.e. C:\RBTI\RBG11\Dictionaries\Roget.adt).

To launch the Thesaurus, select "Run" > "Thesaurus" from the main Menu Bar, or select the Thesaurus button on the "Edit" toolbar.

Thesaurus: English			×
Looked Up:		Replace With:	
nice	~		
Contexts:		well-tasted	
	(adj.) (adj.)	good palatable	
	(adj.) (adj.)	nice dainty	
pleasurableness	(adj.)	delectable	
Previous L	ookup	Replace	<u>C</u> lose

Part VI

6 BLOB Editor Integration

When the R:Spell Checker 11 Plugin is added to the R:BASE 11 program folder, additional functionality for <u>Spell Check</u> becomes enabled within the Text and Rich Text tabs of the R:BASE BLOB Editor.

🚮 Advanced Rich Text Editor	-		×
Eile Edit Fo <u>n</u> t <u>P</u> aragraph F <u>o</u> rmat <u>I</u> nsert <u>T</u> able			
🗋 🗁 🔚 🔃 🖨 Tahoma 🔍 12 🗸 🎜 🎝 🖓 🖧 🎤 🗛 🥠 (🗠 🐰 🖻	1		:
록 ┱═╗ ┲ ┲ 🖤 🖽 🖽 🖽 🖽 🖽 🖽 👘 🍂 ॡ • द 🚽 빛 📷 🗰 ह ह ह ह ह		and a second second	
<u>1</u>	1 22 1	23 2	4 1 25
R:BASE TECHNOLOGIES, INC. LICENSE AGREEMENT			1
R:BASE 11 for Windows Single Seat License			
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5 SEAT ADD-ON AND SITE LICENSES If a printed or other form of "hard-copy" License accompanied the copy of the Program you received whose terms vary from this agreement, then the hard-copy License Program. 5 Seat Add-On and Site Licenses allow you to install the Program on the total number of machines for which you are licensed only.	e governs y	your use of	f the
SATELLITE LICENSES A Satellite License permits a Licensee to use one copy of the copy of the Program on any additional single computer, for additional development to accompany an ex The Satellite License must be licensed to the same user as the existing Single Seat License. Each seat having access to the Program must have an appropriate license.	isting Single	e Seat Lice	nse.
EVALUATION LICENSES If you have purchased or received an Evaluation License for the Program, the Evaluation Licenses are inherently Single Seat licenses and are governed by the same limitations of how many machines the Program can be installed on. Evaluation products may have certain features disabled and are not marketed to be a full version p	stipulation: roduct. La	s regarding stly, Evalui	the ation
	OK	Car	ncel



7 Technical Support

Please read over the help documentation at least once before seeking support. We have worked very hard to make the help documentation clear and useful, but concise. It is suggested that you reread these instructions once you have become accustomed to using the software, as new uses will become apparent.

If you have further questions, and cannot find the answers in the documentation, you can obtain information from the below sources:

- Email our Technical Support Staff at: support@rbase.com
- Access the R:BASE Technologies Support home page online at https://www.rbase.com/support

You may be required to purchase a technical support plan. Several support plans are available to suit the needs of all users. <u>Available Technical Support Plans</u>

Please be prepared to provide the following:

- The product registration number, which is located on the invoice/order slip for the purchased product
- The type of operating system and hardware in use
- Details regarding your operating environment; such as available memory, disk space, your version
 of R:BASE, local area network, special drivers, related database structures, application files, and
 other files that are used or accessed by your application

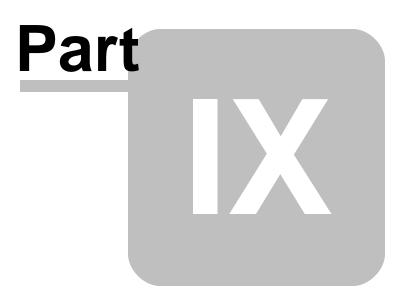
All provide information will be used to better assist you.

R:BASE Technologies has a number of different services available for R:BASE products. As a registered user, you will receive information about new features for R:BASE and other R:BASE Technologies products. Please remember to register your software. <u>https://www.rbase.com/register/</u>



8 Useful Resources

. R:BASE Home Page:	https://www.rbase.com
. Up-to-Date R:BASE Updates:	https://www.rbaseupdates.com
. Current Product Details and Documentation:	https://www.rbase.com/rbg11
. Support Home Page:	https://www.rbase.com/support
. Product Registration:	https://www.rbase.com/register
. Official R:BASE Facebook Page:	https://www.facebook.com/rbase
. Sample Applications:	https://www.razzak.com/sampleapplications
. Technical Documents (From the Edge):	https://www.razzak.com/fte
. Education and Training:	https://www.rbase.com/training
. Product News:	https://www.rbase.com/news
. Upcoming Events:	https://www.rbase.com/events
. R:BASE Online Help Manual:	https://www.rbase.com/support/rsyntax
. Form Properties Documentation:	https://www.rbase.com/support/FormProperties.pdf
. R:BASE Beginners Tutorial:	https://www.rbase.com/support/rtutorial
. R:BASE Solutions (Vertical Market Applications):	https://www.rbase.com/products/rbasesolutions



9 Feedback

Suggestions and Enhancement Requests:

From time to time, everyone comes up with an idea for something they'd like a software product to do differently.

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

Please submit your suggestion and/or enhancement request to the R:BASE Developers' Corner Crew (R:DCC) and describe what you think might make an ideal enhancement. In R:BASE, the R:DCC Client is fully integrated to communicate with the R:BASE development team. From the main menu bar, choose "Help" > "R:DCC Client". If you do not have a login profile, select "New User" to create one.

If you have a sample you wish to provide, have the files prepared within a zip archive prior to initiating the request. You will be prompted to upload any attachments during the submission process.

Unless additional information is needed, you will not receive a direct response. You can periodically check the status of your submitted enhancement request.

If you are experiencing any difficulties with the R:DCC Client, please send an e-mail to rdcc@rbase.com.

Reporting Bugs:

If you experience something you think might be a bug, please report it to the R:BASE Developers' Corner Crew. In R:BASE, the R:DCC Client is fully integrated to communicate with the R:BASE development team. From the main menu bar, choose "Help" > "R:DCC Client". If you do not have a login profile, select "New User" to create one.

You will need to describe:

- What you did, what happened, and what you expected to happen
- The product version and build
- Any error message displayed
- The operating system in use
- Anything else you think might be relevant

If you have a sample you wish to provide, have the files prepared within a zip archive prior to initiating the bug report. You will be prompted to upload any attachments during the submission process.

Unless additional information is needed, you will not receive a direct response. You can periodically check the status of your submitted bug.

If you are experiencing any difficulties with the R:DCC Client, please send an e-mail to rdcc@rbase.com.

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