

R:OutLink X.5



Help Manual



R:OutLink X.5

Manual

by R:BASE Technologies, Inc.

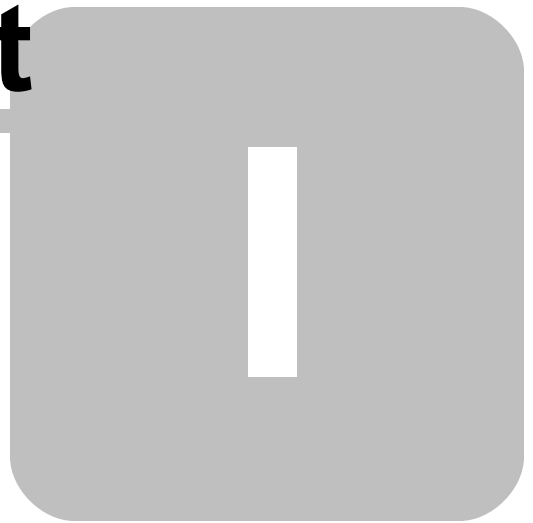
Welcome to R:OutLink X.5!

R:OutLink is an R:BASE Plugin that works with database table data to manage Microsoft Outlook appointments.

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Part



1 Introduction

1.1 Introducing R:OutLink X.5

R:OutLink is an R:BASE Plugin that works with database table data to manage Microsoft Outlook appointments for multiple calendars. R:OutLink will create new and edit existing appointments, passing all available Outlook event options, including:

- Recipients
- Subject
- Body
- Location
- Start Date
- End Date
- Event Duration (all day)
- Busy Status
- Importance
- Categories
- Reminder

When managing appointments, events can be printed and displayed on the screen for review, with modal and non-modal window options. Meeting invitations can be sent to recipients based upon existing email addresses. Old appointments can also be deleted.

Appointment information can be retrieved, with the ability to limit the results using a date range.

Outlook email messages can be exported as part of R:OutLink, to capture email into a comma separated value file. Specific email folders can be scanned or excluded from the export. A date range can be used to gather specific email messages. The export file includes the received date/time, From, To, CC, BCC, Subject, and Body.

A setting is available to suppress the Outlook warning message when R:OutLink connects to Outlook.

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Printed: May 2024 in Murrysville, PA

First Edition

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LICENSEE RESPONSIBILITIES

- 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.
- To have operating system, workstations, and local network installed and functional. RBTI will NOT be responsible for resolving issues not pertaining to the Program.
- Our support staff deals with advanced issues, therefore the person contacting RBTI for assistance should be the system administrator or have other R:BASE/SQL experience and be able to understand and implement the advice given.
- To have the database(s) being converted, safely backed-up before attempting conversion process. RBTI will NOT be held responsible for lost data or corruption as a result of advice given.

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<https://www.rbase.com>
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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.

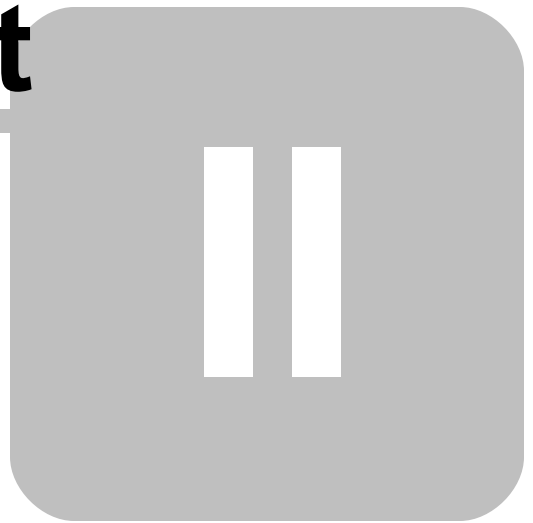
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1. To provide quality assistance in a timely manner to aid in the installation of the product and elementary conversion of database, application, and command files within 30 days of the date of purchase.
2. To provide a reasonable solution for any 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.

Part



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 2022
- Microsoft Windows Server 2019
- Microsoft Windows Server 2016
- Microsoft Windows Server 2012, 2012 R2

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 activationkey@rbase.com. 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:OutLink 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\ROutLinkX5

Files Installed

ROutLinkX5.rbm
ROutLinkX5.chm
ROutLinkX5.pdf
License.rtf
ReadMe.txt

Requirements:

Plugin

The R:OutLink X.5 Plugin file (ROutLinkX5.rbm) must be placed in the R:BASE X.5 program directory or the runtime/compiled application directory.

R:BASE Version	Default Program Directory
X.5 (Version 10.5)	C:\RBTI\RBGX5
X.5 Enterprise (Version 10.5)	C:\RBTI\RBGX5E

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.

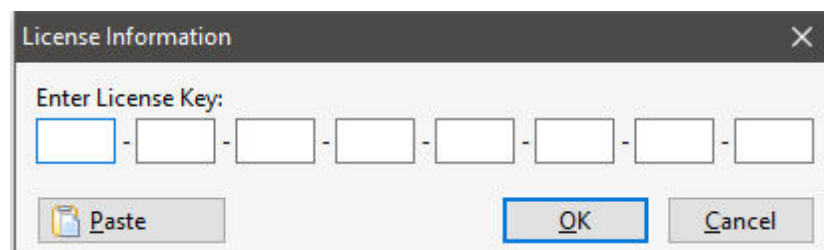
To begin using any plugin product, the plugin must be registered for use.

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

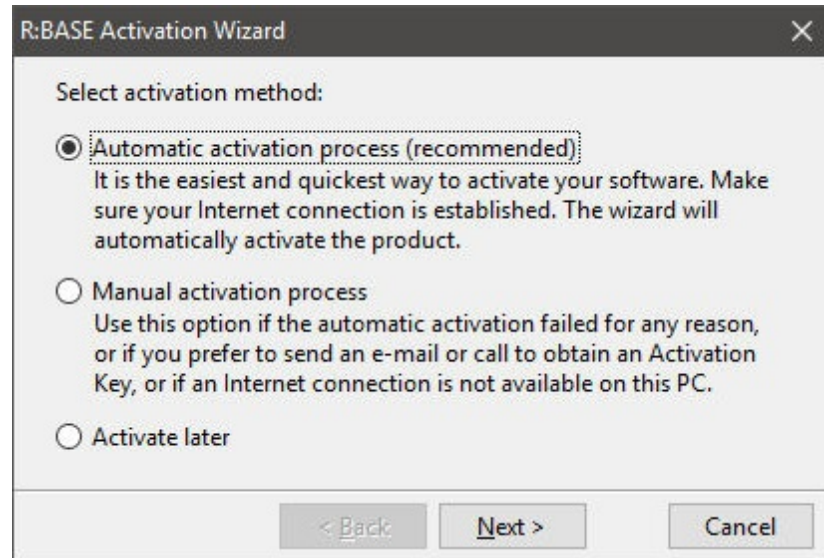
To begin using a plugin product, you must register the software within R:BASE by selecting "Help" > "Product Activation" from the main Menu Bar. In this window, select the "Add New" button where you can enter or copy and paste the License Key you received with your product.

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.

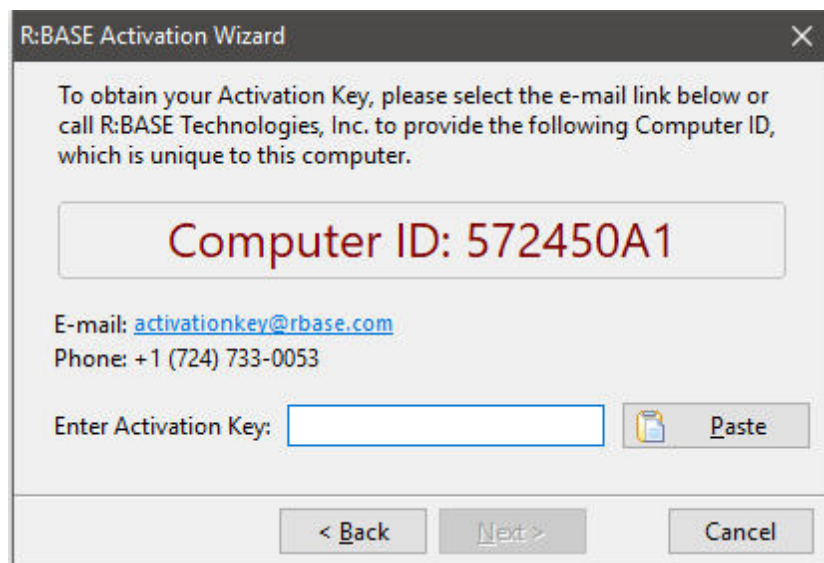
A screenshot of a "License Information" dialog box. It has a title bar with a close button (X). Inside, it says "Enter License Key:" followed by a series of seven empty text boxes separated by hyphens. Below this, there are three buttons: "Paste" (with a clipboard icon), "OK", and "Cancel".

License Information							
Enter License Key:							
	-		-		-		-
<div>Paste OK Cancel</div>							

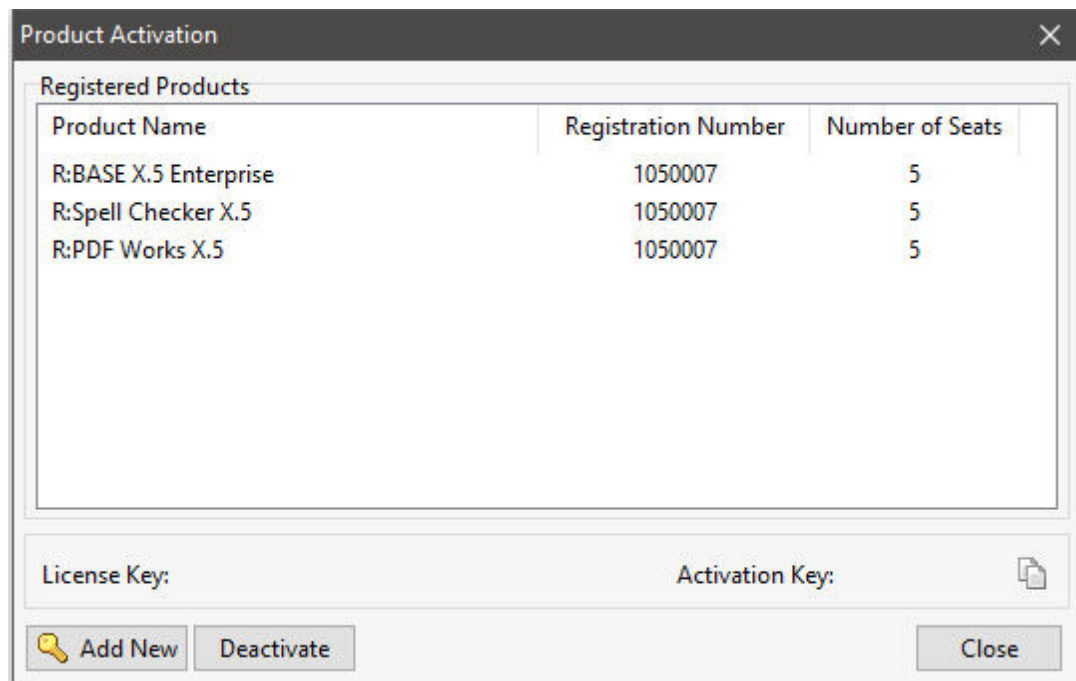
After entering the License Key, you will see a dialog to prompt for your activation method. The software can be activated automatically over the Internet, or manually by retrieving an Activation Key from R:BASE Technologies by email or over the phone. If you select "Later", you will be reminded each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



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.



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.



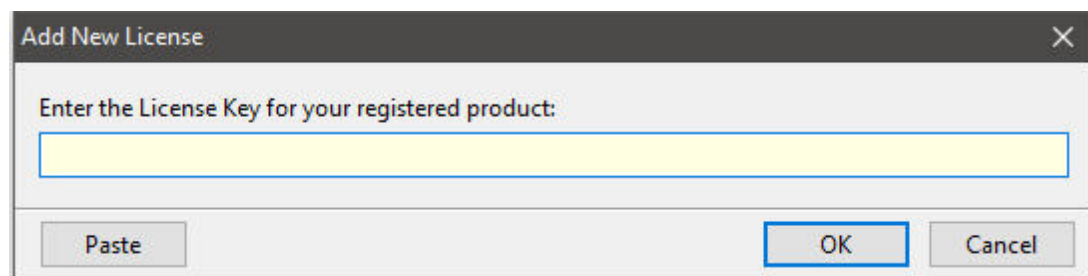
Please be advised that if you are activating multiple workstations, it is highly recommended that you keep records of the computer name, Computer ID and Activation Key for future reference. Access to this information will prove convenient in the event of a hardware failure or license transfer when uninstalling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



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.

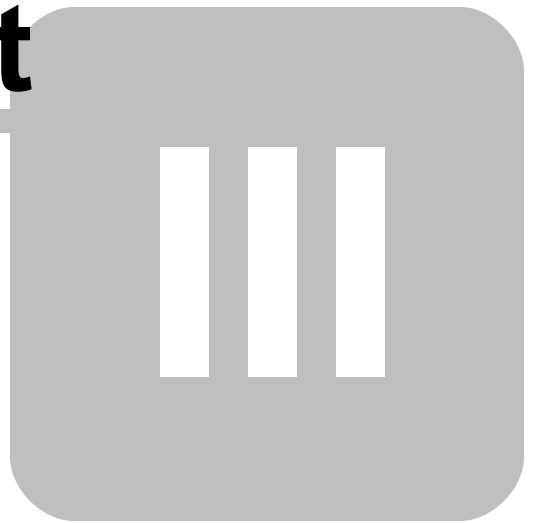
2.4.3 Runtime for R:BASE

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:

```
PROPERTY ADD_LICENSE #####-#####-#####-#####-#####-#####-#####-##### ' '
```

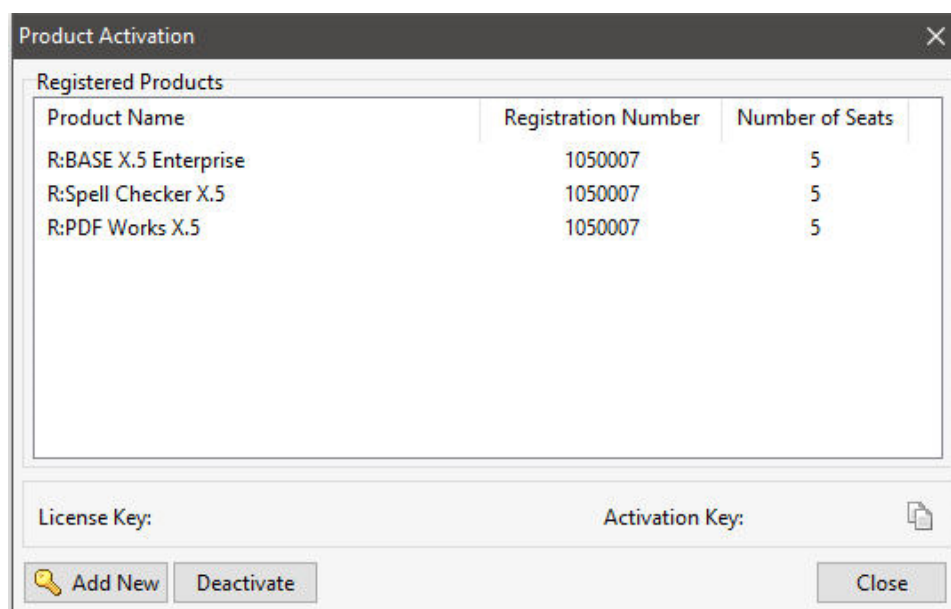

Part



3 Uninstall

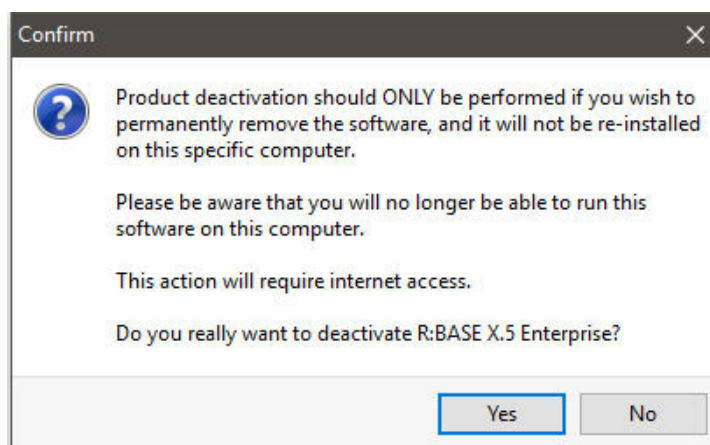
If a computer is no longer using R:OutLink, through license transfer or hardware failure, the Activation Key that was used on that computer must be submitted to R:BASE Technologies so we can then remove the Activation Key from our log. We will disable the Key, which will then free up that used activation. 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.



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.



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

Part

IV

4 Command Syntax

Syntax:

```
PLUGIN ROutLink vResultVar|ACTION actionname|param1 value1|param2
value2|...|...|...|...
```

Actions:

Action	Description	Result Variable Value
NEW_APPOINTMENT	Creates a new appointment	48-char Appointment ID when successful. This can be stored in the database for future use (e.g. print, view, delete, update, send invitation, etc.)
GET_APPOINTMENT	Retrieves a specific appointment, referencing an Appointment ID	Comma separated name=value pairs (e.g. name1=value1, name2=value2, etc.). The Appointment Fields can be checked for valid values in name
EDIT_APPOINTMENT	Edits a specific appointment, referencing an Appointment ID and new field values. Only fields to be modified can be specified.	OK
DELETE_APPOINTMENT	Delete an appointment, referencing an Appointment ID	OK
GET_APPOINTMENT_ID_LIST	Get a comma separated list of Appointment IDs	Comma separated Appointment ID values
GET_APPOINTMENT_COUNT	Gets the number of listed appointments	Number of appointments, as an integer value
READ_APPOINTMENTS	Retrieves all appointments	comma separated value results of the GET_APPOINTMENT Action, e.g. "name1=value1A,name2=value2A... ", "name1=value1B,name2=value2B... ", "...."
VIEW_APPOINTMENT	Displays Outlook's Appointment form referencing an Appointment ID. While reviewing the displayed appointment, changes can be made. The Outlook form can be modal or not using the MODAL parameter.	OK
PRINT_APPOINTMENT	Tells Outlook to print an appointment, referencing an Appointment ID. Printing happens in Outlook not in R:BASE.	OK
SEND_APPOINTMENT	Sends email meeting invitations to email addresses in the appointment's RECIPIENTS field, referencing an Appointment ID.	OK
SET_CALENDAR	Sets the active calendar to use in subsequent calls regarding appointments. Set a NAME to use the non-default calendar. Set to empty to use the default calendar.	OK
EXPORT_EMAIL	Exports email messages to an output CSV file (includes	OK

	received date/time, From, To, CC, BCC, Subject, and Body)	
--	---	--

Parameters:

Parameter	Value	Description
APPOINTMENT_ID	text	Specifies the 48-char Appointment ID value
MODAL	ON OFF	Specifies if the Outlook form is modal using the VIEW_APPOINTMENT Action.
SUPPRESS_OUTLOOK_SECURITY	ON OFF	Suppresses the Outlook security message
DATE_FROM	text	Specifies a starting date span, to limit the appointments returned with the GET_APPOINTMENT_ID_LIST, GET_APPOINTMENT_COUNT, and READ_APPOINTMENTS actions
DATE_TO	text	Specifies an ending date span, to limit the appointments returned with the GET_APPOINTMENT_ID_LIST, GET_APPOINTMENT_COUNT, and READ_APPOINTMENTS actions
SUBJECT	text	Specifies the subject
BODY	text	Specifies the body. The text can be repeated, where each instance is one line.
LOCATION	text	Specifies the location
START_DATE	datetime	Specifies the start date and time
END_DATE	datetime	Specifies the end date and time
ALL_DAY_EVENT	ON OFF (default)	Specifies if the is an all day event
BUSY_STATUS	FREE (default) TENTATIVE BUSY OUT_OF_OFFICE	Specifies the busy status
IMPORTANCE	LOW NORMAL (default) HIGH	Specifies the importance
CATEGORIES	text	Specifies the categories
ORGANIZER	text	Specifies the organizer
RECIPIENTS	text	Specifies the recipients. The text can be repeated, where each instance is one email address
REMINDER_MINUTES_BEFORE_START	integer	Specifies the reminder before the appointment start, in minutes
REMINDER_SET	ON OFF (default)	Specifies to set a reminder
REMINDER_PLAY_SOUND	ON OFF (default)	Specifies to set a sound for a reminder
REMINDER_SOUND_FILE	text	Specifies a reminder audio file
NAME	text	Specifies a calendar name
EXPORT_FILE	text	Specifies the output file name when exporting email messages
SCAN_FOLDER	text	Specifies folder to look for emails. If not specified, the default Inbox folder for the default account is used. The parameter can be repeated for multiple folders. Folders must be full paths e.g. "\\Personal Folders\Inbox\QA". To scan all folders use "\\".

EXCLUDE_FOLDER	text	Specifies folder to exclude from scan. The parameter can be repeated for multiple folders to be excluded. The folder can be full path or just the folder name. Example: full path is "\\Personal Folders\Inbox\QA " while a folder name is "QA". This is useful to scan a location with many folders and to skip a few (e.g. scan 15 folders and skip only 2).
----------------	------	--

Notes:

- The vResultVar variable must be defined/declared before the PLUGIN command is used.
- The vResultVar variable name and parameters must be separated by the pipe character "|".
- If a command fails the vResultVar variable value will contain the error message.

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5 Appointment Examples

-- Example 01

```
-- create a new appointment
-- resulting variable is set with an appointment ID
PLUGIN ROUTLINK vResultVar+
|ACTION NEW_APPOINTMENT+
|SUPPRESS_OUTLOOK_SECURITY ON+
|SUBJECT Business Lunch - Quarter Review+
|BODY Dear All,+
|BODY +
|BODY The following meeting is mandatory for our Quarterly Review. +
|BODY +
|BODY I will see you there!+
|BODY +
|BODY James+
|LOCATION Parker Cafe+
|START_DATE 12/27/2023 11:30:00 AM+
|END_DATE 12/27/2023 01:00:00 PM+
|ALL_DAY_EVENT OFF+
|BUSY_STATUS OUT_OF_OFFICE+
|IMPORTANCE HIGH+
|CATEGORIES Red Category+
|ORGANIZER James Gibson+
|RECIPIENTS pete.gibson@gibsonsteel.com+
|RECIPIENTS debbie.lane@gibsonsteel.com+
|RECIPIENTS micheal.chnadler@gibsonsteel.com+
|REMINDER_MINUTES_BEFORE_START 30+
|REMINDER_SET ON+
|REMINDER_PLAY_SOUND ON

R>SHOW VAR vResultVar
00000000F3EEFEF613158B4CAE4ABDAB36F4675624092000
```

-- Example 02

```
-- captures all appointment information
PLUGIN ROUTLINK vResultVar+
|ACTION GET_APPOINTMENT+
|SUPPRESS_OUTLOOK_SECURITY ON+
|APPOINTMENT_ID 00000000F3EEFEF613158B4CAE4ABDAB36F4675624092000
```

-- Example 03

```
-- edits the LOCATION for an existing appointment
PLUGIN ROUTLINK vResultVar+
|ACTION EDIT_APPOINTMENT+
|APPOINTMENT_ID 00000000F3EEFEF613158B4CAE4ABDAB36F4675624092000+
|SUPPRESS_OUTLOOK_SECURITY ON+
|LOCATION Nova Cafe
```

-- Example 04

```
-- retrieves an appointment ID list based upon a date range
PLUGIN ROUTLINK vResultVar+
|ACTION GET_APPOINTMENT_ID_LIST+
|DATE_FROM 12/25/2023+
|DATE_TO 12/29/2023 +
```

```
|SUPPRESS_OUTLOOK_SECURITY ON
```

-- Example 05

-- deletes an appointment

```
PLUGIN ROUTLINK vResultVar +  
|ACTION DELETE_APPOINTMENT+  
|APPOINTMENT_ID 00000000F3EEFEF613158B4CAE4ABDAB36F4675624092000
```

-- Example 06

-- displays an appointment, within a modal window

```
PLUGIN ROUTLINK vResultVar +  
|ACTION VIEW_APPOINTMENT +  
|APPOINTMENT_ID 00000000F3EEFEF613158B4CAE4ABDAB36F4675624092000 +  
|SUPPRESS_OUTLOOK_SECURITY ON+  
|MODAL ON
```

-- Example 07

-- prints an appointment

```
PLUGIN ROUTLINK vResultVar +  
|ACTION PRINT_APPOINTMENT+  
|APPOINTMENT_ID 00000000F3EEFEF613158B4CAE4ABDAB36F4675624092000 +  
|SUPPRESS_OUTLOOK_SECURITY ON
```

-- Example 08

-- sends appointment invitations, using email addresses

```
PLUGIN ROUTLINK vResultVar +  
|ACTION SEND_APPOINTMENT+  
|APPOINTMENT_ID 00000000F3EEFEF613158B4CAE4ABDAB36F4675624092000  
|RECIPIENTS pete.gibson@gibsonsteel.com+  
|RECIPIENTS debbie.lane@gibsonsteel.com+  
|RECIPIENTS micheal.chnadler@gibsonsteel.com+  
|SUPPRESS_OUTLOOK_SECURITY ON
```

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```
|EXCLUDE_FOLDER \\Yahoo! Mail\Junk E-mail+  
|EXPORT_FILE C:\OutlookEmailExport_PersonalYahooMsgs_NoYahooJunk.csv+  
|SUPPRESS_OUTLOOK_SECURITY ON
```

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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. [Available Technical Support Plans](#)

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

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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/rbgx5>
- . 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>

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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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