

# R:SmartSig 11



## Help Manual



# R:SmartSig 11

Manual

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*by R:BASE Technologies, Inc.*

*Welcome to R:SmartSig 11!*

*An amazing R:BASE tool to capture any scribble or signature from a touch pad or signature capturing device directly into an R:BASE database.*

# Table of Contents

<b>Part I Introduction</b>	<b>4</b>
1 Introducing R:SmartSig 11 .....	5
2 Copyrights .....	5
3 License .....	6
4 Complimentary Support .....	9
<b>Part II Installation</b>	<b>11</b>
1 System Requirements .....	12
2 Things You Will Need .....	12
3 Software Installation .....	13
4 Plugin Activation .....	13
R:BASE .....	13
R:Compiler for R:BASE .....	16
Runtime for R:BASE .....	16
<b>Part III Uninstall</b>	<b>17</b>
<b>Part IV Using R:SmartSig</b>	<b>19</b>
1 Command Syntax .....	20
2 R:SmartSig Window .....	21
3 Examples .....	21
<b>Part V Technical Support</b>	<b>23</b>
<b>Part VI Useful Resources</b>	<b>25</b>
<b>Part VII Feedback</b>	<b>27</b>
<b>Index</b>	<b>29</b>

**Part**



# 1 Introduction

## 1.1 Introducing R:SmartSig 11

R:SmartSig is an R:BASE Plugin that allows developers to provide the functionality for applications to capture a signature or any scribble into an R:BASE database.

With R:SmartSig the user is displayed with a window that can be set to a different height and width, along with different colors for the pen input.

A "Copy" option is available to capture the displayed signature into the Windows clipboard in order to paste the object into another application.

R:SmartSig is supported to capture the written input with electronic signature pads that must be physically attached to a computer through USB or COM port.

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First Edition

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## 1.4 Complimentary Support

### 30 DAY LIMITED COMPLIMENTARY TECHNICAL SUPPORT

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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.

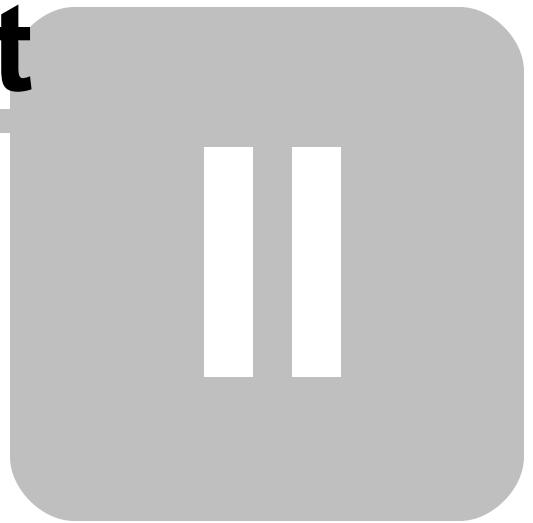
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1. To provide quality assistance in a timely manner to aid in the installation of the product and elementary conversion of database, application, and command files within 30 days of the date of purchase.
2. To provide a reasonable solution for any 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](mailto: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](mailto: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:SmartSig is fully automated, and does not require user intervention for the initial configuration.

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\RSmartSig11

### Files Installed

RSmartSig11.rbm  
RSmartSig11.chm  
RSmartSig11.pdf  
License.rtf  
ReadMe.txt

### Requirements:

#### Software

SigPlus Basic (<http://www.topazsystems.com/Software/index.htm>)

#### Plugin

The R:SmartSig 11 Plugin file (RSmartSig11.rbm) must be placed in the R:BASE 11 program directory (default: C:\RBTI\RBG11) or the runtime/compiled application directory.

## 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

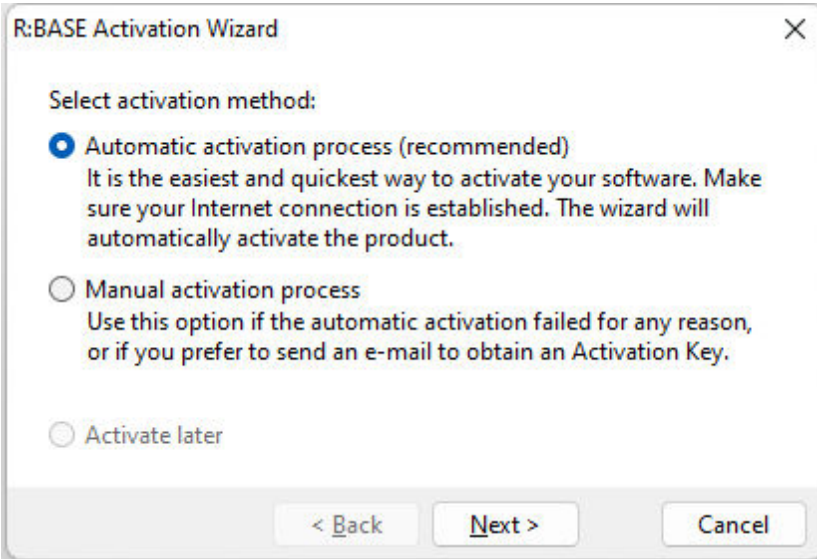
To begin using a plugin product, you must register the software within R:BASE by selecting "Help" > "Product Activation" from the main Menu Bar. In this window, select the "Add New" button where you can enter or copy and paste the License Key you received with your product.

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.



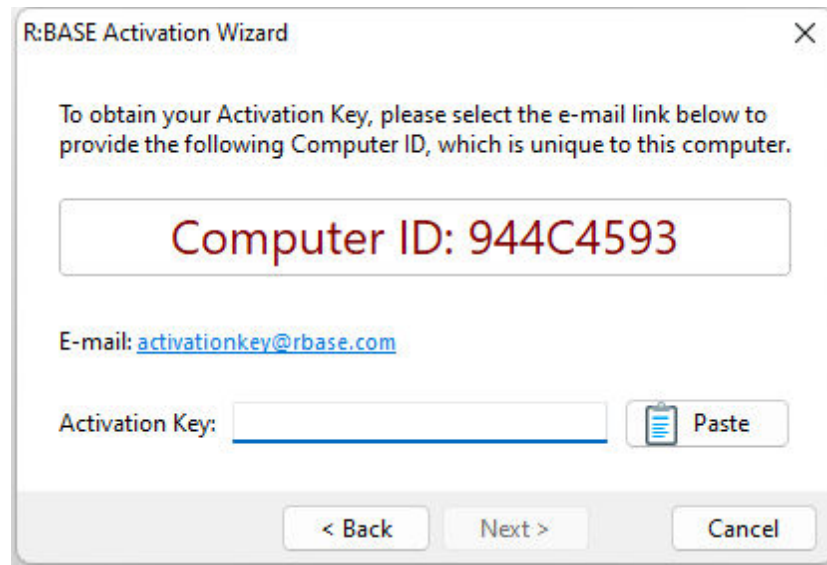
The "License Information" dialog box features a title bar with a close button (X). Below the title bar, the text "Enter License Key:" is followed by a series of seven input boxes, each separated by a hyphen. At the bottom of the dialog, there are three buttons: "Paste" with a clipboard icon, "OK" with a green checkmark, and "Cancel" with a red X.

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.

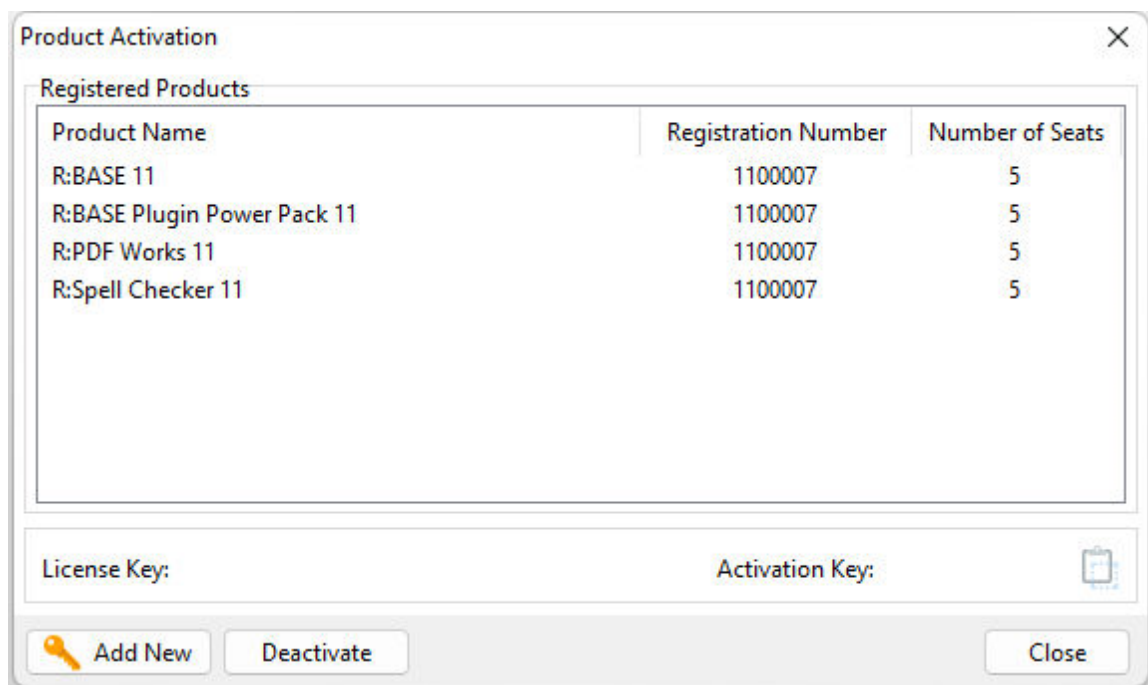


The "R:BASE Activation Wizard" dialog box has a title bar with a close button (X). The main content area is titled "Select activation method:" and contains three radio button options. The first option, "Automatic activation process (recommended)", is selected and includes a descriptive paragraph. The second option, "Manual activation process", includes a descriptive paragraph. The third option, "Activate later", is unselected. At the bottom, there are three buttons: "< Back", "Next >", and "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.



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.



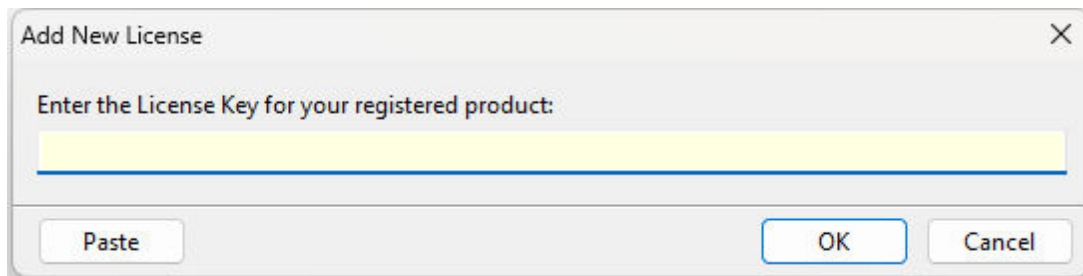
**Please be advised that if you are activating multiple workstations, it is highly recommended that you keep records of the computer name, Computer ID and Activation Key for future reference. Access to this information will prove convenient in the event of a hardware failure or license transfer when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

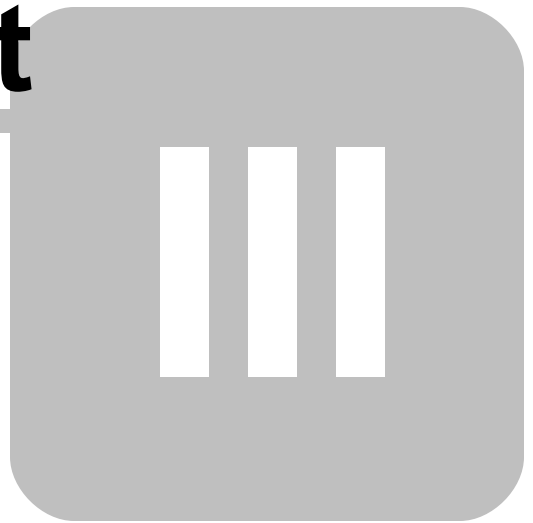
After R:BASE Plugins are acquired for Runtime for R:BASE applications, the Plugin file must be included in the Runtime application folder, to be loaded when the Runtime application launches.

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 #####-#####-#####-#####-#####-#####-#####-##### ' '
```



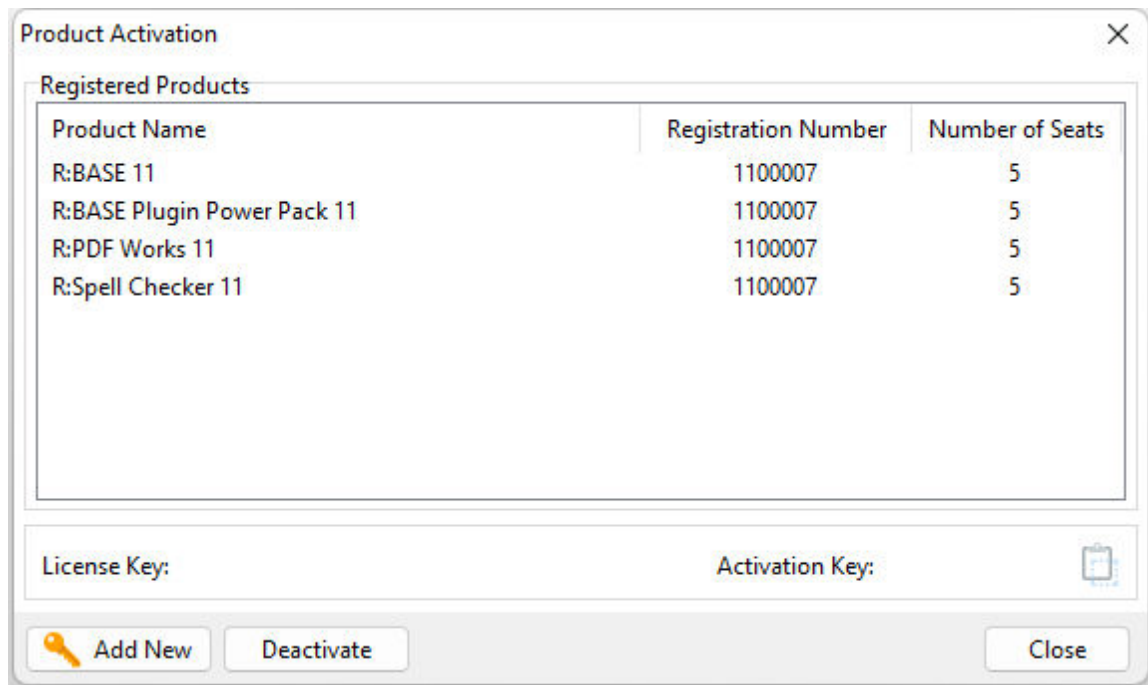
**Part**



### 3 Uninstall

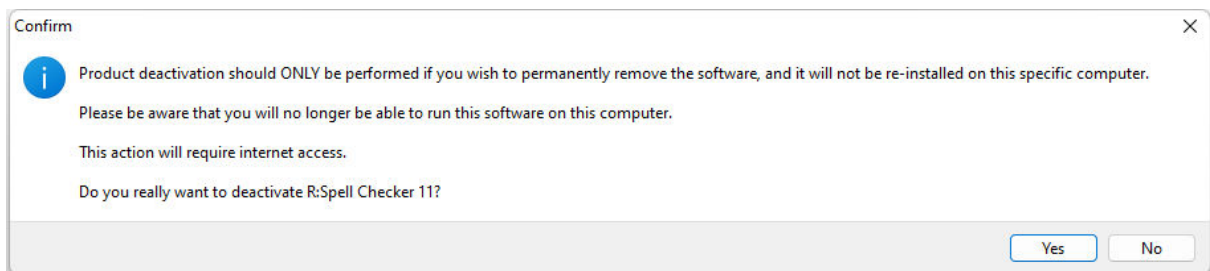
If a computer is no longer using R:SmartSig, through license transfer or hardware failure, the Activation Key that was used on that computer must be submitted to R:BASE Technologies so we can then remove the Activation Key from our log. We will disable the Key, which will then free up that used activation.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



## 4 Using R:SmartSig

### 4.1 Command Syntax

#### Syntax:

```
PLUGIN RSmartSig VarName |<Parameters>
```

#### Parameters:

Parameter	Value	Description
ACCEPT_TYPE	FILE MEMORY	saves the image to a file or places the image into memory to update the form control. MEMORY is only supported for DB Image controls for VARBIT columns.
IMAGE_TYPE	JPG (color) BMP (black and white) TIFF (black and white)	format of the resulting image (Default : JPG)
FILE_NAME	value	file name for the resulting image
WIDTH	value	width of the resulting image (default 500)
HEIGHT	value	height of the resulting image (default 200)
COLOR	value	background color of the resulting image
PEN_COLOR	value	pen color of the resulting image (supported for JPG only)
PEN_WIDTH	value	pen width of the resulting image
CAPTION	value	caption of R:SmartSig window (default : R:SmartSig)
COMPONENT_ID	value	form control Component ID (DB Image, Variable Image, or Image Control)

#### Return Values (for VarName):

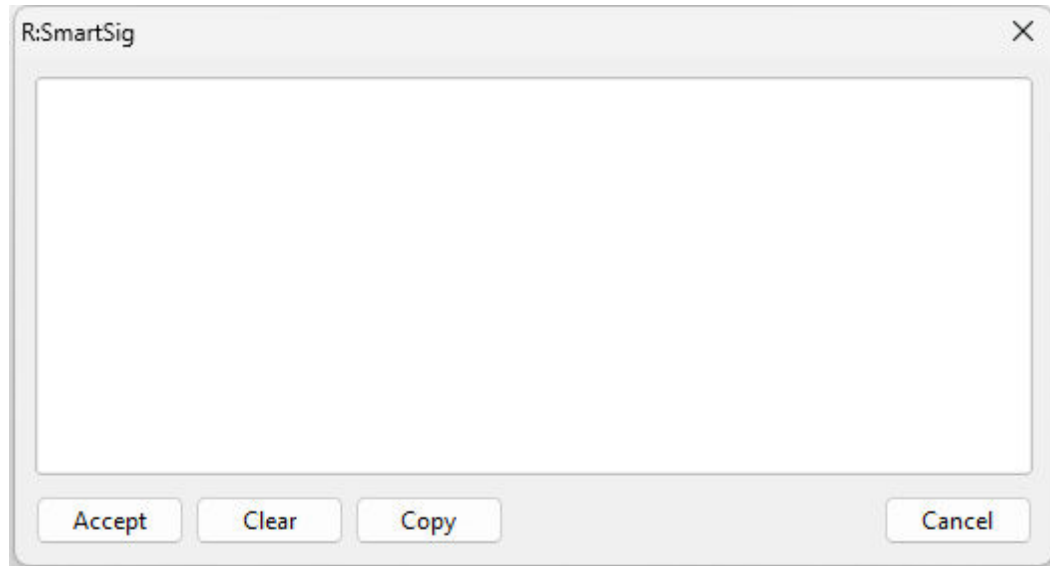
Return Value	Action
CANCEL	"Cancel" or "Esc" button is pressed
CLIPBOARD	"Copy" button is pressed
MEMORY	the MEMORY value is specified for ACCEPT_TYPE
Image File Name	the resulting image file name, when the FILE value is specified for ACCEPT_TYPE
-ERROR- Microsoft Tablet PC is not installed	If the Plugin is used on a computer where Microsoft Tablet PC is not installed.

#### Notes:

- The R:SmartSig COMPONENT\_ID parameter can specify a DB Image, Variable Image, or Image Control within your R:BASE form. The value "FILE" can be specified for the ACCEPT\_TYPE parameter when using any of the controls. The value "MEMORY" can only be specified for the ACCEPT\_TYPE parameter when using a DB Image control for a VARBIT column.
- Returned variable name and the exact file name with path must be separated by a "|" pipe symbol.

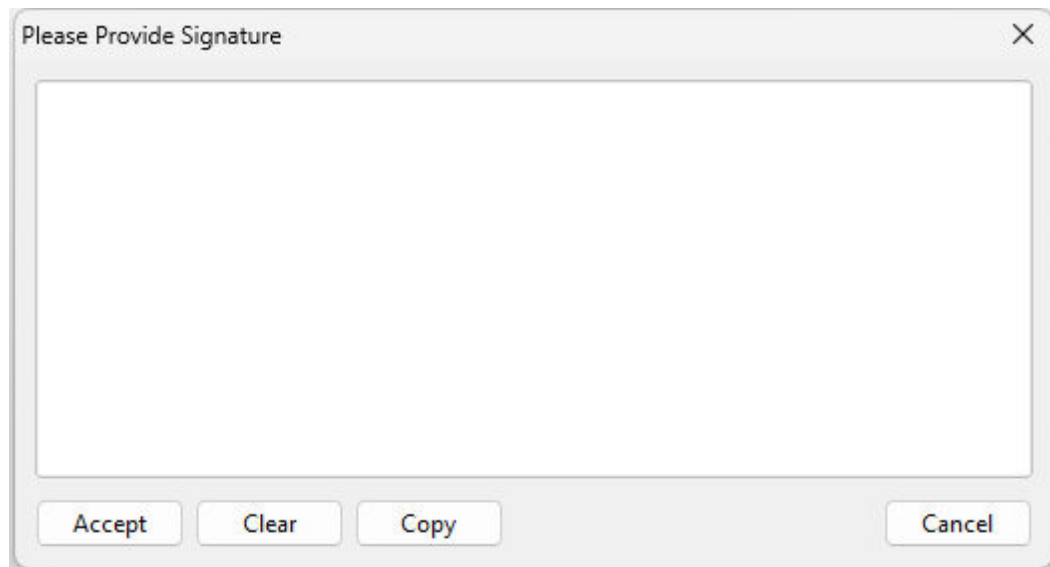
## 4.2 R:SmartSig Window

When the R:SmartSig Plugin is called, the following window is displayed.



- Accept** - accepts the current written input
- Clear** - clears the signature window
- Copy** - copies the displayed written input to the clipboard
- Cancel** - closes the R:SmartSig window

The option to alter the window caption is available.



## 4.3 Examples

### --Example 01:

--Applying a captured image into a DB Image control based upon a VARBIT column

```
PLUGIN RSmartSig vResult1 +
|ACCEPT_TYPE MEMORY +
|IMAGE_TYPE JPG +
|COMPONENT_ID DBImage1
```

**--Example 02:**

--Apply a captured image into a DB Image control based upon a TEXT column

```
PLUGIN RSmartSig vResult2 +
|ACCEPT_TYPE FILE +
|WIDTH 600 +
|HEIGHT 300 +
|FILE_NAME Sig_Image.jpg +
|IMAGE_TYPE JPG +
|COMPONENT_ID DBImage2
```

**--Example 03:**

--Applying a captured image into a Variable Image control

```
PLUGIN RSmartSig vResult3 +
|ACCEPT_TYPE FILE +
|FILE_NAME Sig_Image.jpg +
|COLOR BLUE +
|CAPTION Provide Signature +
|IMAGE_TYPE JPG +
|COMPONENT_ID VarImage1
```

**--Example 04:**

--Applying a captured image into an Image control

```
PLUGIN RSmartSig vResult4 +
|ACCEPT_TYPE FILE +
|FILE_NAME Sig_Image.jpg +
|IMAGE_TYPE JPG +
|COMPONENT_ID Image1
```

**Part**



## 5 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](mailto: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/>



**Part**



## 6 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>

**Part**



## 7 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](mailto: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](mailto:rdcc@rbase.com).

# Index

## - A -

Accept 21  
ACCEPT\_TYPE 20  
Action 20  
activate 12, 13  
Activation Key 13, 18  
administrator 12

## - C -

Cancel 21  
CAPTION 20  
Clear 21  
COLOR 20  
Component ID 20  
COMPONENT\_ID 20  
Computer ID 13  
Copy 21  
copyright 5

## - D -

deactivation 18  
Description 20

## - E -

Example 21

## - F -

feedback 28  
FILE\_NAME 20

## - H -

HEIGHT 20

## - I -

IMAGE\_TYPE 20  
install 13  
intro 5

## - K -

key, activation 12  
key, license 12

## - L -

license 6, 12  
License Key 13, 16, 18  
license transfer 18

## - N -

Notes 20

## - P -

Parameter 20  
PEN\_COLOR 20  
permission 12  
PLUGIN 20, 21  
Plugin File 16  
PROPERTY 16

## - R -

R:Compiler 16  
register 13  
registration number 12  
Return Value 20  
Runtime 16

## - S -

support 9, 12  
system requirements 12

**- U -**

UAC 12

Uninstall 18

User Access Control 12

**- V -**

Value 20

**- W -**

WIDTH 20

window 21

Back Cover