

# R:PDFWorks 11



## Help Manual



# R:PDFWorks 11

## Manual

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*by R:BASE Technologies, Inc.*

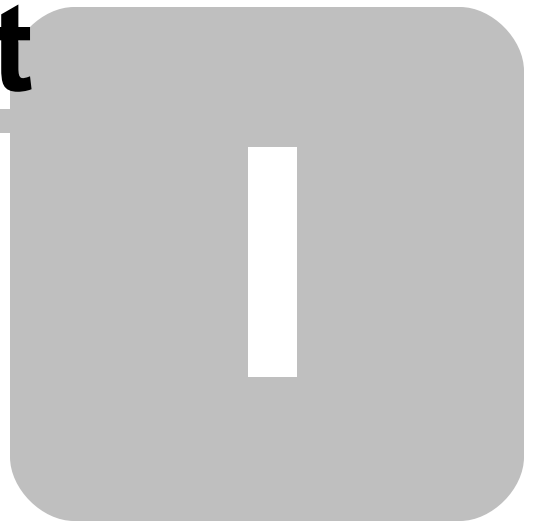
*R:PDFWorks is an innovative R:BASE GUI studio to manage PDF documents. Bundled with the R:PDFMerge and R:PDFSearch Plugins, R:PDFWorks provides the complete graphic user interface complimented with the command line driven Plugins for all your PDF document management needs.*

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**Part**



# 1 Introduction

## 1.1 Introducing R:PDFWorks 11

R:PDFWorks is an innovative GUI studio to manage PDF documents. Bundled with the R:PDFMerge, R:PDFSearch, and R:PDFPassword plugins, R:PDFWorks provides the complete graphic user interface complimented with the command line driven plugins for all your PDF document management needs.

Using either the R:PDFWorks user interface or the R:PDFMerge plugin, the following tasks can be performed:

- Merge multiple PDF documents or reports to a single document
- Extract pages from one PDF document to another PDF document
- Delete pages from PDF document
- Find the page count of a PDF document
- Rearrange pages within a PDF document
- Insert pages from one PDF document into another, with copies
- Insert a blank page into PDF documents
- Add a file attachment to a PDF document
- Insert text or image watermarks into PDF documents
- Duplicate pages within a PDF document, with copies
- Set document information properties, such as:
  - Title
  - Subject
  - Author
  - Keywords
  - Creator
  - Open After Save
- Set document security and encryption options, such as:
  - Owner Password
  - User Password
  - Encryption Level
    - 40 Bit
    - 128 Bit
  - User Permissions
    - Print
    - Modify
    - Copy
    - Annotation
    - Form Fill
    - Accessibility
    - Document Assembly
    - High Resolution Printing
- Set document view options, such as:
  - Page Layout
    - None
    - Single Page
    - One Column
    - Two Column Left
    - Two Column Right
  - Page Mode
    - None
    - Use Outlines
    - Use Thumbs
    - Full Screen
  - Presentation Mode
    - Page Transition Effect
      - None
      - Split Horizontal Inward
      - Split Horizontal Outward
      - Split Vertical Inward
      - Split Vertical Outward
      - Blinds Horizontal

- Blinds Vertical
- Box Inward
- Box Outward
- Wipe Left to Right
- Wipe Bottom to Top
- Wipe Right to Left
- Wipe Top to Bottom
- Dissolve
- Glitter Left to Right
- Glitter Top to Bottom
- Glitter Top-Left to Bottom-Right
- Page Transition Duration in seconds
- Presentation Page Range
  - All Pages
  - Page Range
- Viewer Preferences
  - Hide Toolbars
  - Hide Menu Bar
  - Hide Window UI
  - Fit Window
  - Center Window
  - Display Document Title
- Specify to send an email after the PDF is saved with:
  - Host
  - UserID
  - Password
  - From
  - To
  - Cc
  - Bcc
  - Subject
  - Message
- Document Compression options:
  - Compression Type
    - Flate
    - Runlength
  - Compression Level
    - None
    - Fastest
    - Normal
    - Maximum

Using either the R:PDFWorks user interface or the R:PDFSearch plugin, the following search capabilities can be performed:

- Search PDF documents based on keywords or any text within the documents
- Capture the list of files into a variable or output file
- Allow the PDF documents returned to include the full path
- Display a search progress dialog
- Limit searches to a specific files that match a file mask
- Returns all page numbers with a match for the search criteria
- Limit searches to a maximum number of files with a match
- Limit searches to a maximum number of pages with a match per file
- Limit searches to a based upon document page count
- Limit searches to a based upon document file size
- Specify the file search sort method; name, size, date, or sort order
- Specify case sensitivity in the text search
- Include or exclude sub folders in PDF document search
- Search for whole words
- Specify your own separator for your output file

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Printed: April 2024 in Murrysville, PA

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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.

**B. R:BASE TECHNOLOGIES, INC. RESPONSIBILITIES.**

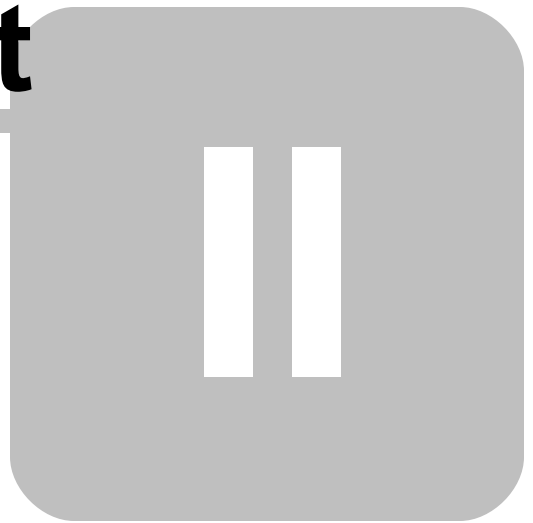
1. To provide quality assistance in a timely manner to aid in the installation of the product and elementary conversion of database, application, and command files within 30 days of the date of purchase.

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.

**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:PDFWorks 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\RPDFWorks11

### Files Installed

RPDFWorks11.exe  
RPDFWorks11.rbm  
RPDFWorks11.pdf  
RPDFWorks11.chm  
ReadMe.txt  
License.rtf

### Requirements:

#### Plugin

The R:PDFWorks 11 Plugin file (RPDFWorks11.rbm) must be placed in the RR: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.

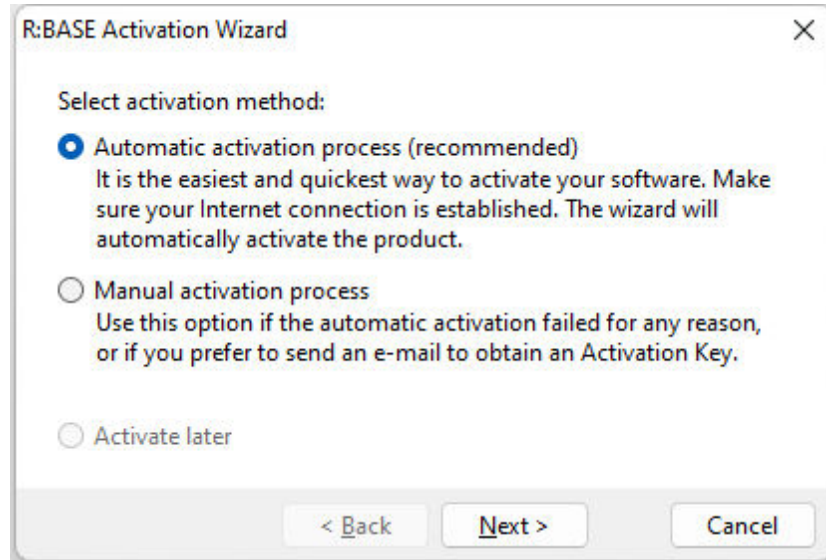
Only "Per Seat" License Keys are valid for this entry screen. All "Runtime" License Keys must be registered within R:Compiler for R:BASE or within Runtime for R:BASE separately.



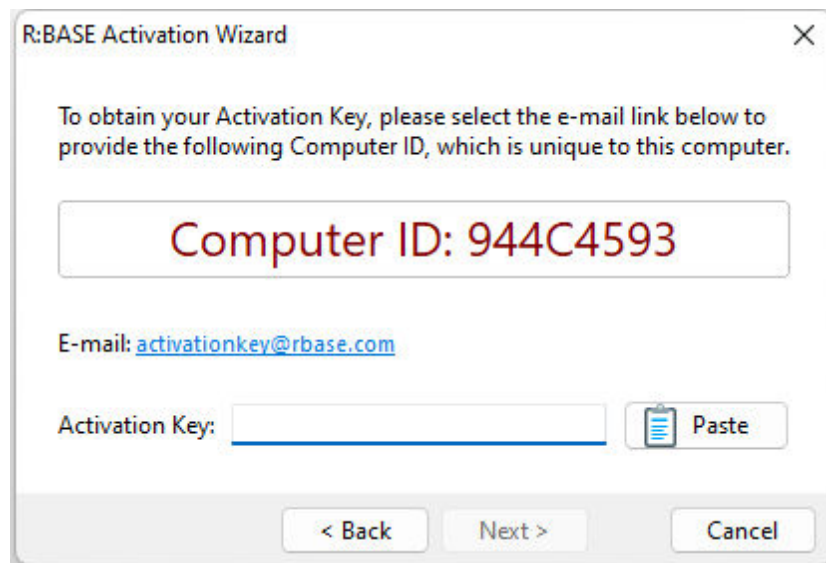
The image shows a dialog box titled "License Information" with a close button (X) in the top right corner. Inside the dialog, there is a label "Enter License Key:" followed by a text input field. The input field is divided into eight segments by hyphens, representing a license key format. Below the input field, there are three buttons: "Paste" (with a clipboard icon), "OK" (with a green checkmark icon), and "Cancel" (with a red X icon).



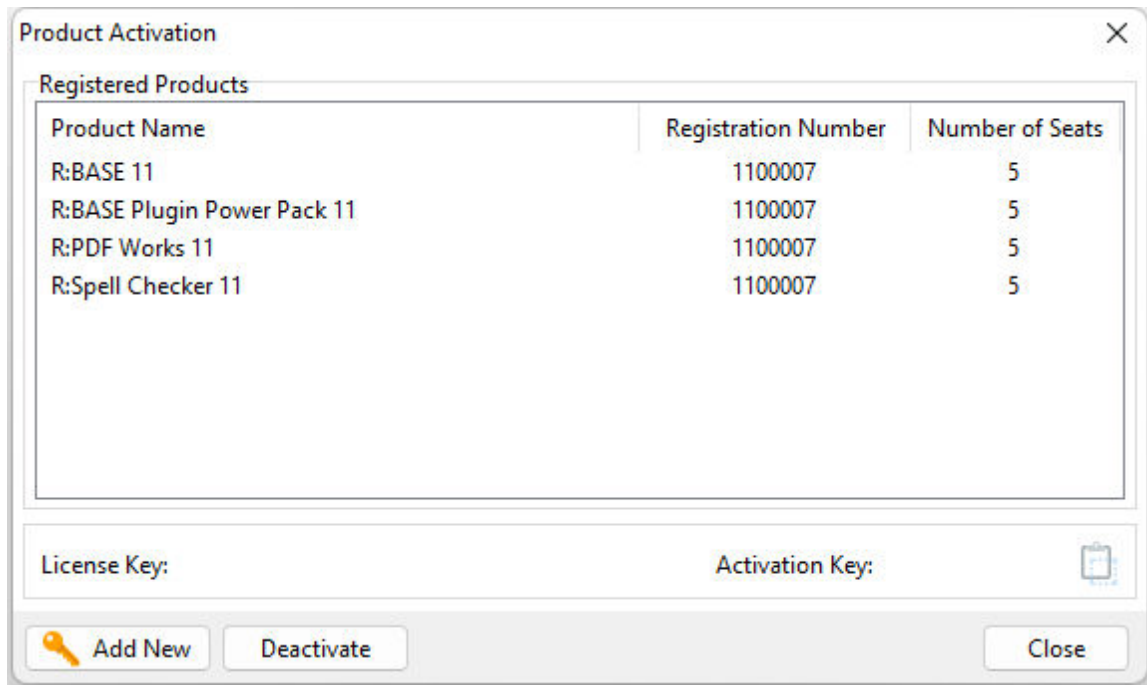
After entering the License Key, you will see a dialog to prompt for your activation method. The software can be activated automatically over the Internet, or manually by retrieving an Activation Key from R:BASE Technologies by email or over the phone. If you select "Later", you will be reminded each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



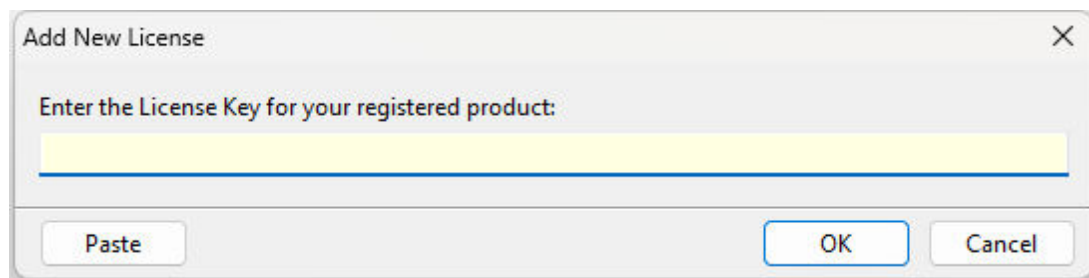
**Please be advised that if you are activating multiple workstations, it is highly recommended that you keep records of the computer name, Computer ID and Activation Key for future reference. Access to this information will prove convenient in the event of a hardware failure or license transfer when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

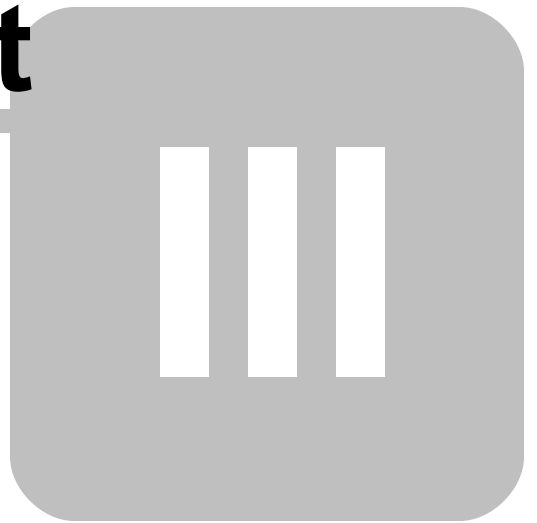
### 2.4.3 Runtime for R:BASE

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

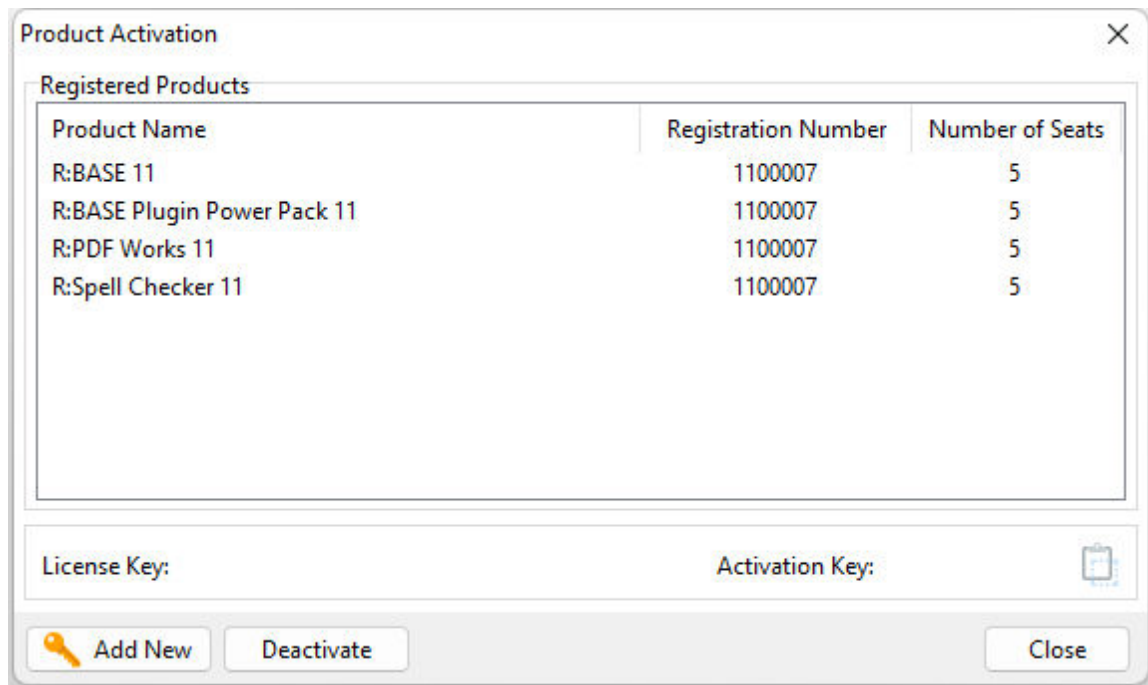
**Part**



### 3 Uninstall

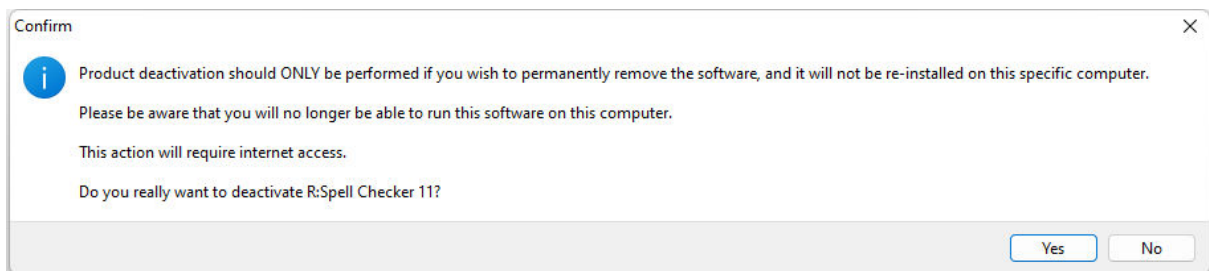
If a computer is no longer using R:PDFWorks, through license transfer or hardware failure, the Activation Key that was used on that computer must be submitted to R:BASE Technologies so we can then remove the Activation Key from our log. We will disable the Key, which will then free up that used activation.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

### 4.1 Toolbar

Button	Description
	Opens an existing PDF document
	Saves the current PDF document
	Saves the current PDF as a new document
	Opens the Print Setup dialog to print the current PDF document to the default printer
	Closes the current PDF document
	Opens the <a href="#">Document Settings and Preferences</a> dialog to alter the document settings
	Pages -  <a href="#">Delete</a> - opens the <a href="#">Delete Pages</a> dialog <a href="#">Insert</a> - opens the <a href="#">Insert Pages</a> dialog <a href="#">Extract</a> - opens the <a href="#">Extract Pages</a> dialog <a href="#">Merge</a> - opens the <a href="#">Merge Files</a> dialog <a href="#">Insert Blank</a> - inserts a blank page into the current document <a href="#">Rearrange</a> - opens the <a href="#">Rearrange Pages</a> dialog <a href="#">Duplicate</a> - open the <a href="#">Duplicate Pages</a> dialog
	Opens the <a href="#">Insert Watermark</a> dialog to add a text or image watermark
	Allows files to be attached to the PDF document
	Displays the PDF document at its actual size
	Fits the display of the PDF document to view the entire page
	Fits the display of the PDF document into the window width
	Zooms out away from the PDF document
	Zooms in closer to the PDF document
	Tools -  <a href="#">Search</a> - toggles the display of the <a href="#">Search</a> Tool <a href="#">File Picker</a> - toggles the display of the <a href="#">File Picker</a> Tool
	Displays the R:PDFWorks in-line help documentation
	Displays current information about your product such as version and build
	Closes R:PDFWorks

The zoom buttons on the toolbar allow users to display the PDF document at its actual size, fitted within the page, or fitted into the window width. Using the zoom in and zoom out buttons the display will zoom percent by 10%. The percent display also allows entering a desired percentage and pressing the [Enter] key.

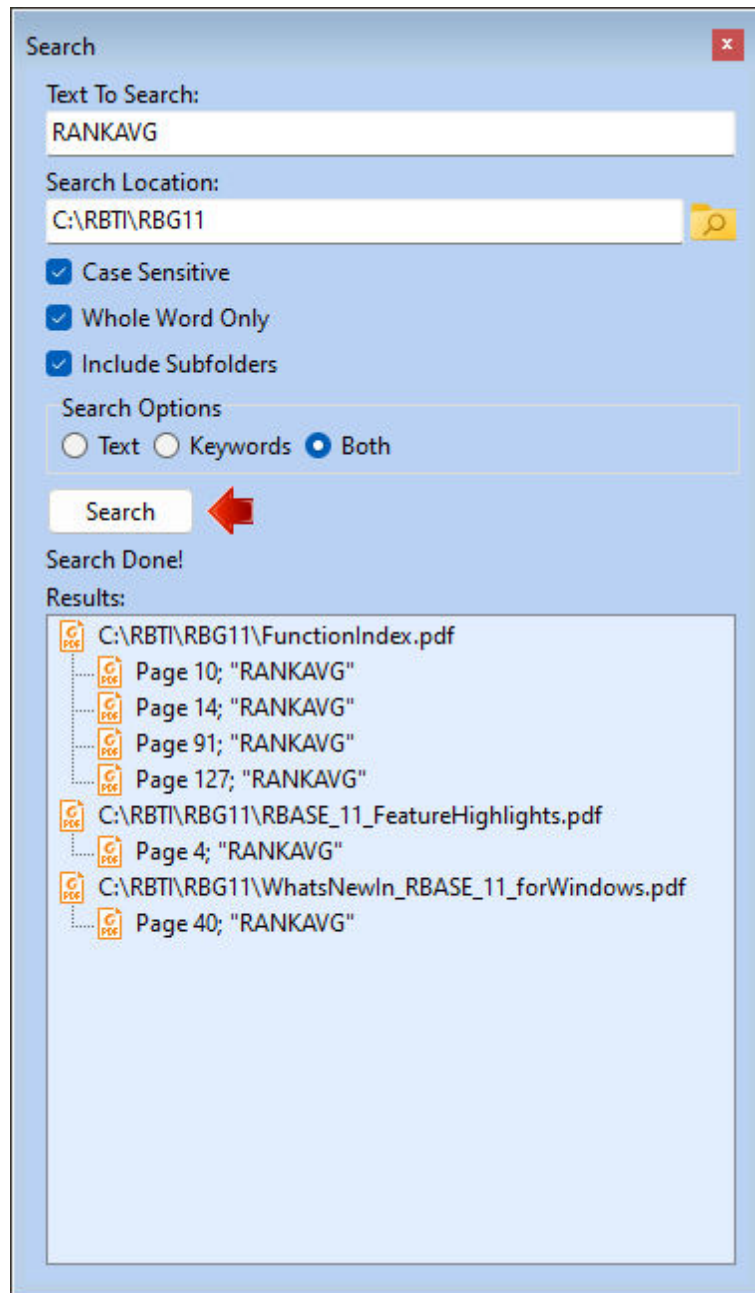
## 4.2 Search

The Search Toolbar allows you to search for text in a folder location. You can increase the accuracy of your search with the following options:

- Case Sensitive
- Whole Word Only
- Include Sub-Folders
- Search Options
  - Text
  - Keywords
  - Both

The button "Search" begins your search for the defined text. The "Results" panel will display the matching results of your text search. The "Results" panel display the matching text in a tree hierarchy from files to pages and then to the matching text result. Any location in the resulting PDF document can be viewed quickly by selecting the listed results.

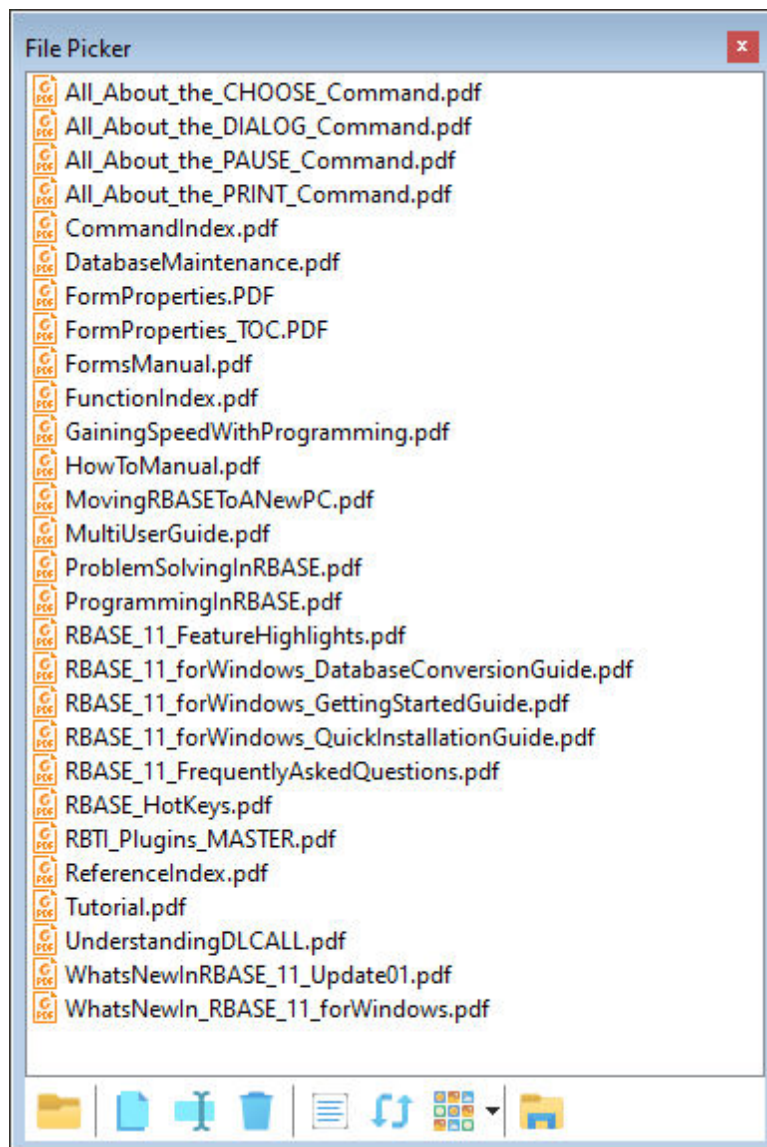




## 4.3 File Picker

The Files Picker Toolbar becomes populated when the current working directory contains any PDF documents. You can double click a file in this box to open it in the editor.

The bottom of the File Picker Toolbar contains buttons for opening, copying, renaming, and deleting files as well as selecting all the files, refreshing the display, altering the display view, and launching Explorer in the current directory.



## 4.4 Navigation

The Navigation toolbar allows you to move from page to page and to the first and last pages of the PDF document. The page display also allows you to jump to any specified page by entering the desired page number and hitting the [Enter] key.



## 4.5 Current Directory

The Current Directory toolbar allows you to set the working directory for the R:PDFWorks instance. It will remember this location after R:PDFWorks is closed and launched later.

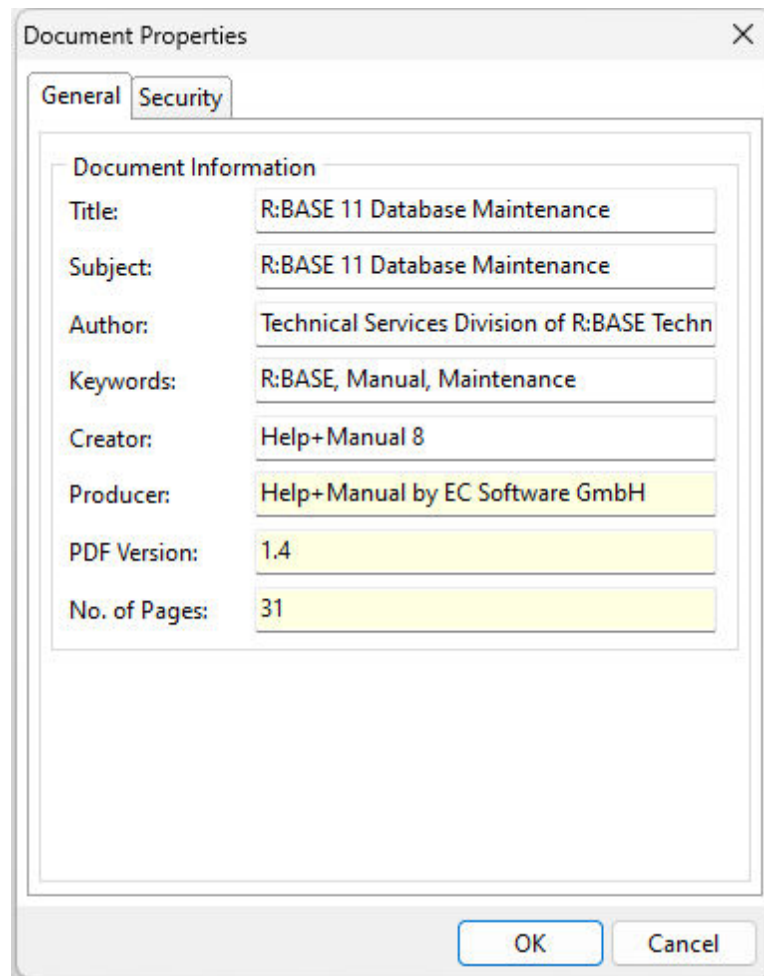
The toolbar also includes a "Favorites" button to add and store a list of favorite folder locations that you can easily be redirected to.



## 4.6 Document Properties

### 4.6.1 General

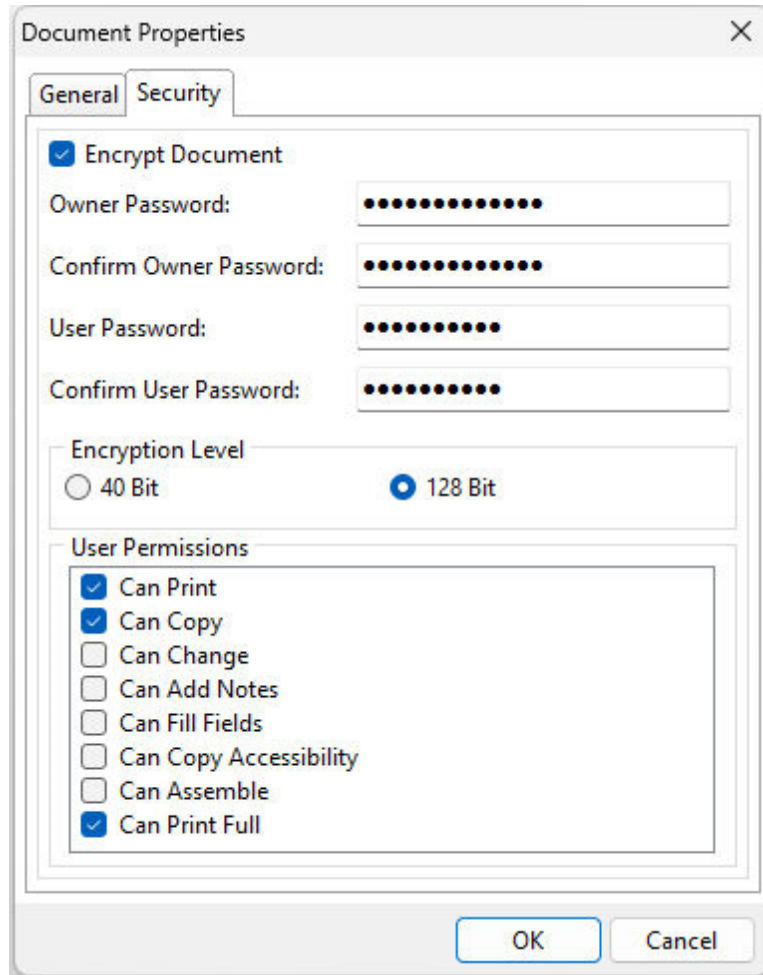
- *Title* - title of document
- *Subject* - subject of document
- *Author* - author of document
- *Keywords* - keywords of document
- *Creator* - creator of document
- *Producer* - producer of document (read only)
- *PDF Version* - version of Adobe Acrobat (read only)
- *No. of Pages* - number of pages in document (read only)



### 4.6.2 Security

- *Encrypt Document* - enables/disables encryption
- *Owner Password* - owner password for the document
- *Confirm Owner Password* - confirmation of owner password for document
- *User Password* - user password for document

- [Confirm User Password](#) - confirmation of user password
- [Encryption Level](#) - encryption level option for 40 bit or 128 bit



### User Permissions

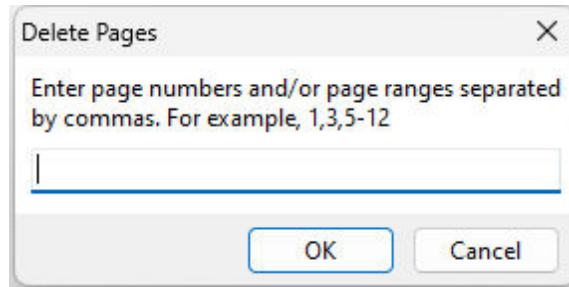
- [Can Print](#) - enables/disables permission to print the document
- [Can Copy](#) - enables/disables permission to copy the document
- [Can Change](#) - enables/disables permission to modify document
- [Can Add Notes](#) - enables/disables permission for annotation
- [Can Fill Fields](#) - enables/disables permission to access form fill fields
- [Can Copy Accessibility](#) - enables/disables permission for document accessibility
- [Can Assemble](#) - enables/disables permission for document assembly
- [Can Print Full](#) - enables/disables permission print the document with high resolution

The following PDF file operations list the user permission required for such actions:

- Print – requires Can Print
- Attach File – requires Can Change
- Delete Pages – requires Can Change and Can Assemble
- Extract Pages – requires Can Copy
- Merge – requires Can Change and Can Assemble
- Insert Blank Page – requires Can Change and Can Assemble
- Insert Pages – requires Can Change and Can Assemble
- Insert Watermark – requires Can Change
- Rearrange Pages – requires Can Change and Can Assemble
- Rotate Page Left – requires Can Change and Can Assemble
- Rotate Page Right – requires Can Change and Can Assemble

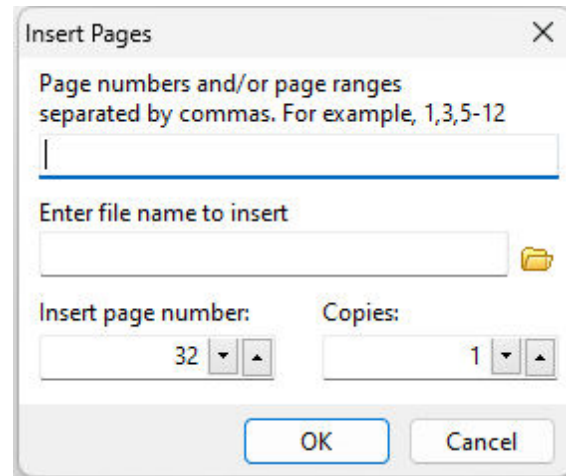
## 4.7 Delete Pages

The Delete Pages dialog allows you to delete a number of pages and/or page range from the current PDF document.



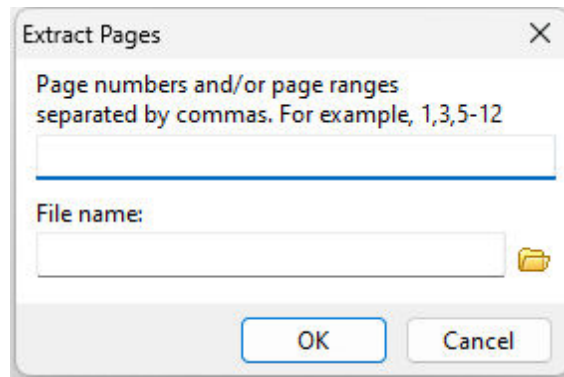
## 4.8 Insert Pages

The Insert Pages dialog allows you to insert a number of pages and/or page range into the current PDF document. Using the available fields, you choose the page(s) and/or page range, the PDF file name used in the insertion, and the page number that you wish the inserted pages to begin. A number of copies of the inserted page may also be specified.



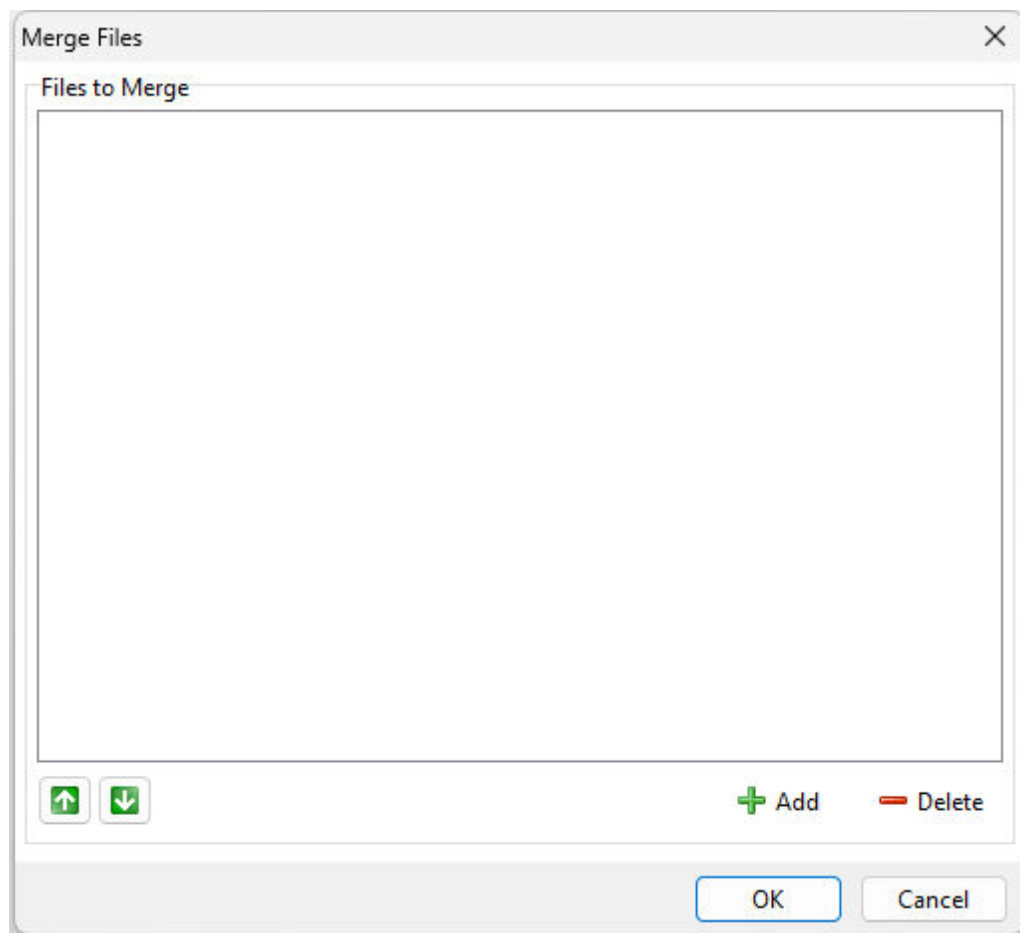
## 4.9 Extract Pages

The Extract Pages dialog allows you to extract a number of pages and/or page range from the current PDF document. Using the available fields, you choose the page(s) and/or page range and the new specified PDF document name. After the extraction, the Documents Settings and Preferences dialog will display to add any additional document information.



## 4.10 Merge Files

The Merge Files dialog allows you to merge one or more PDF documents to the currently displayed PDF document. The Add and Delete button will add or delete a PDF document to/from the "Files to Merge:" list. The up and down arrows will move a selected file in the "Files to Merge:" list up or down. Doing so insures the PDF documents are merged in the order required.



## 4.11 Insert Watermark

### 4.11.1 Text Watermark

The Text Watermark tab allows you to add a text watermark to the current PDF document.

#### Position

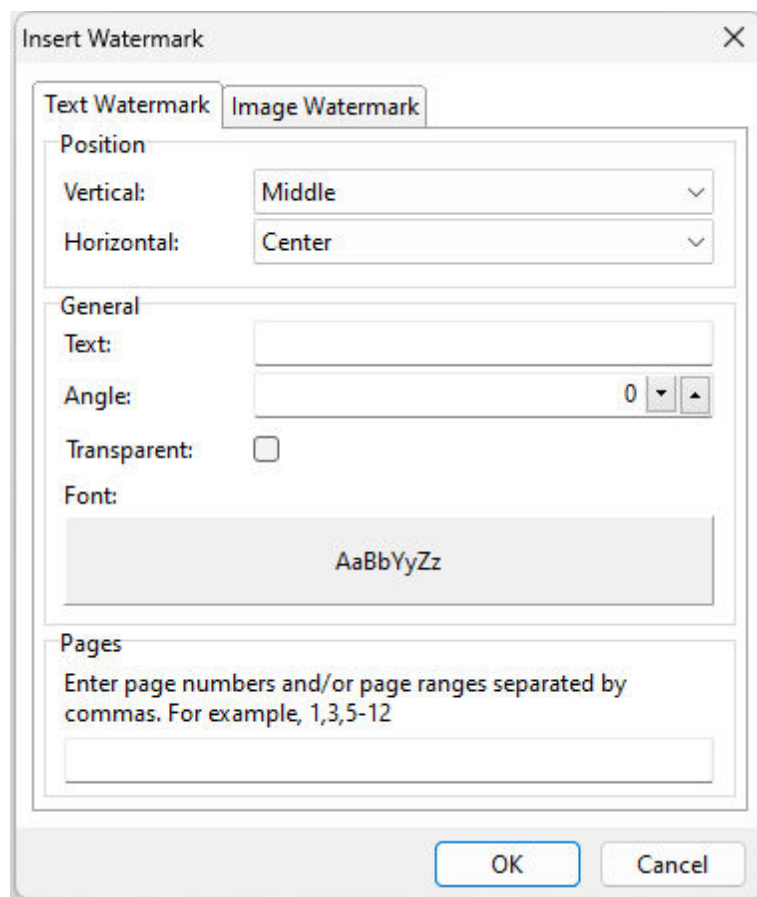
- **Vertical** - specifies the vertical position
- **Horizontal** - specifies the horizontal position

#### General

- **Text** - specifies the text
- **Angle** - specifies the angle degree of the text
- **Transparent** - specifies if the text is 100% transparent. Otherwise a 50% transparency will be applied to the watermark.
- **Font** - specifies the text font and color

#### Pages

Specifies the page(s) and/or page range



### 4.11.2 Image Watermark

The Image Watermark tab allows you to add an image watermark to the current PDF document.

#### Position

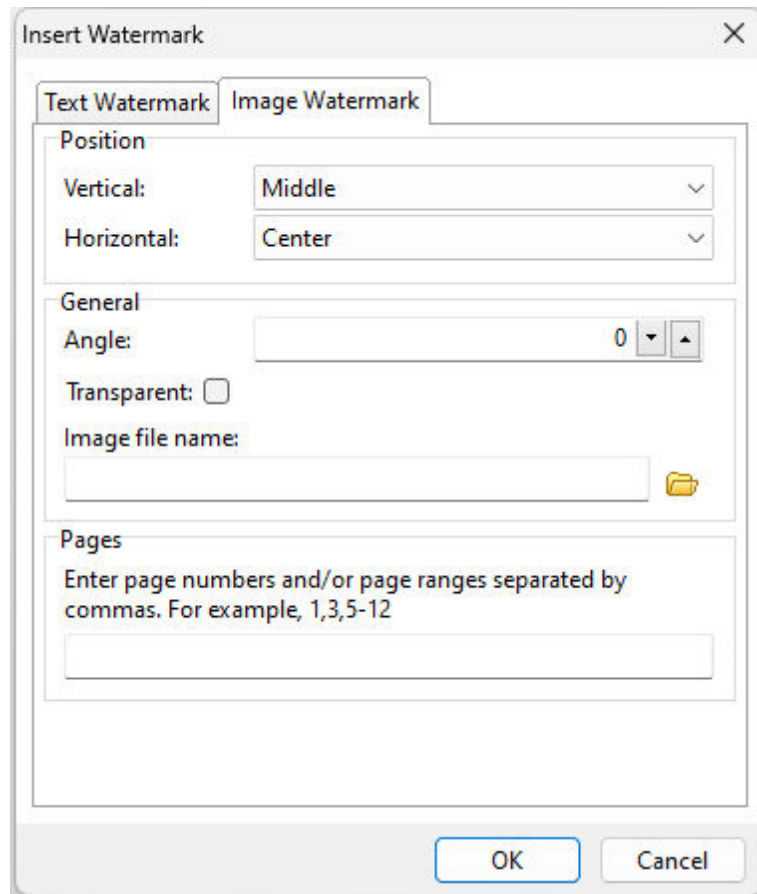
- [Vertical](#) - specifies the vertical position
- [Horizontal](#) - specifies the horizontal position

#### General

- [Angle](#) - specifies the angle degree of the image
- [Transparent](#) - specifies if the image is 100% transparent. Otherwise a 50% transparency will be applied to the watermark.
- [Image file name](#) - specifies the file name of the image supporting the following formats: jpg, jpeg, bmp, ico, emf, & wmf

#### Pages

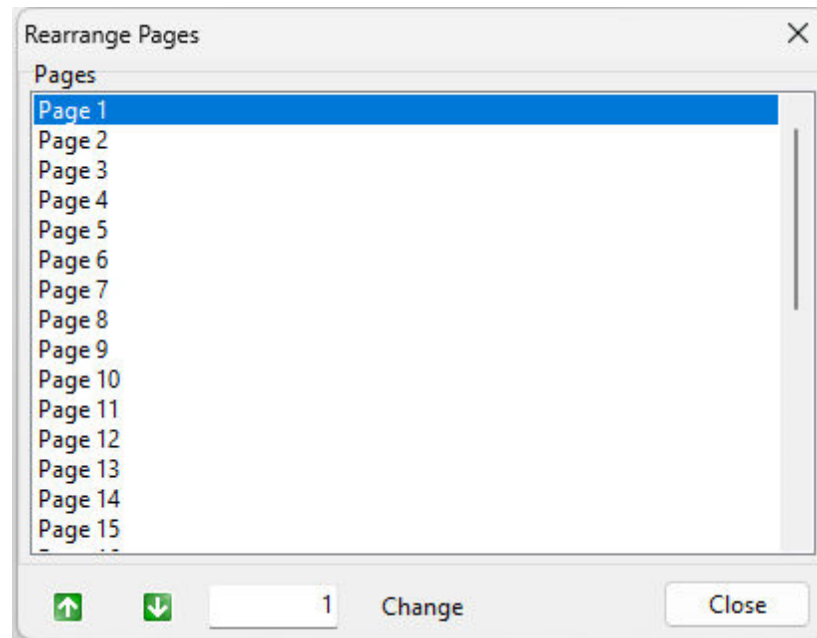
Specifies the page(s) and/or page range



## 4.12 Rearrange Pages

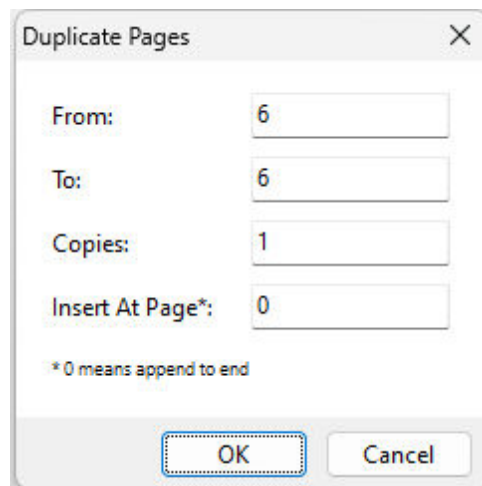
The Rearrange Pages dialog allows you to rearrange the pages in the current PDF document. The Up and Down arrow buttons will move the selected page in the PDF document. The "Change" button also allows you to move the selected page to a different page location.





### 4.13 Duplicate Pages

The Duplicate Pages dialog allows you to duplicate pages within a range for the current PDF document, specify the number of copies, and where the duplicate pages will be inserted. The default is 0, which appends the duplicated pages at the end of the document.



### 4.14 Add File Attachment

The Add File Attachment option allows the ability to add any file as an attachment to the opened PDF document. No file is excluded.

When selecting this option, you will be prompted to locate and select the appropriate file.

## 4.15 Tips

The following tips will allow for easier use of R:PDF Works:

- When viewing a PDF file, use the wheel mouse to scroll up and down.
- When viewing a PDF file, use the [Ctrl] key plus the wheel mouse to scroll left and right.
- When browsing several folders, use the "Favorites" button the the Current Directory toolbar to store that path.
- Select the arrow next to the Open button to refer to past documents.
- To rename, copy, open, or delete a PDF file name in a folder, use the File Picker toolbar buttons.
- The Windows Explorer can be launched from the File Picker toolbar.
- Use the "Include Sub-Folders" option in the Search criteria to search deeper into your folders.
- Use the "Fit Width" button on the Zoom toolbar to quickly display the entire page of a PDF document.

**Part**



## 5 Command Syntax

### 5.1 R:PDFMerge

The R:PDFMerge portion of R:PDFWorks is command line support to perform various PDF document editing from a command line, which is supported in the R:BASE command syntax through the PLUGIN command.

#### Syntax:

```
PLUGIN RPDFMerge 'vResult|<parameter value>'
```

#### Notes:

- "vResult" is the resulting text variable which will return the status of the merge process, such as 'OK', or the exact -ERROR- message.
- Using the **SHOW\_SETUP\_DIALOG** parameter, the user can access the [Document Properties](#) window to manually customize the properties for the resulting merged PDF document.
- The resulting text variable can also be used to return the total number of pages when using the PAGE\_COUNT action for a given INPUT\_FILE parameter (see examples for details).
- Each parameter must be separated by a pipe "|" character.
- Each PDF file name with exact path and location should be on a separate line by itself. See the [examples](#) for more details.

#### Parameters:

Parameter	Values	Description
ACTION	MERGE EXTRACT DELETE PAGE_COUNT INSERT INSERT_BLANK_PAGE DUPLICATE INSERT_TEXT_WATER_MARK INSERT_IMAGE_WATER_MARK	MERGE - merges multiple PDF documents into a single document  EXTRACT - extracts pages  DELETE - deletes pages  PAGE_COUNT - retrieves the total page count of any given PDF document  INSERT - inserts PDF documents into an existing document  INSERT_BLANK_PAGE - inserts a blank page into an existing document  DUPLICATE - duplicates a page or page range within a document  INSERT_TEXT_WATER_MARK - adds a text watermark to a document  INSERT_IMAGE_WATER_MARK - adds an image watermark to a document

DOC_LIST_FILE	filename.ext	filename.ext is the name of the file that includes the list of all PDF documents to merge as one.
SKIP_NON_EXISTING_FILES	ON OFF (default)	When set to ON, this option will skip a file listed in the merge list, if not found. If a file is skipped, a log file, based on the <b>OUTPUT_FILE</b> file name with the .LOG extension, will be created in the same directory.
OUTPUT_FILE	value	outputfilename.ext is the name given for the resulting merged PDF document.
INPUT_FILE	value	inputfilename.pdf is the name of the input PDF file
INSERT_FILE	value	filename.pdf is the source file to be inserted
PAGE_RANGE	value	Page range such as 1,5,10-15. Use this parameter when using the EXTRACT, DELETE, and INSERT actions.
OPEN_AFTER_SAVE	ON OFF (default)	Set this property to ON for the document to be opened after it is saved. Otherwise it will not be opened.
INSERT_PAGE	value	Specifies the position of the document in which pages will be inserted
COPIES	value	Specifies the page copies to be inserted or duplicated
DUPLICATE_FROM	value	Specifies the starting page for duplicating pages in a document
DUPLICATE_TO	value	Specifies the ending page for duplicating pages in a document
INSERT_DUPLICATES_AT	value	Specifies the duplicated pages will be inserted at the specified page number. The default is 0, which appends the duplicated pages at the end of the document.
SHOW_SETUP_DIALOG	ON OFF (default)	Displays a dialog window to manually customize the settings and preferences for the resulting merged PDF document.
TITLE	value	Specifies the Title value for PDF Document Summary options.
SUBJECT	value	Specifies the Subject value for PDF Document Summary options.
AUTHOR	value	Specifies the Author for PDF Document Summary options.
KEYWORDS	value	Specifies Keyword values for PDF Document Summary options.
CREATOR	value	Specifies the creator for PDF Document Summary options.

COMPRESSION_LEVEL	NONE FASTEST DEFAULT MAX	Specifies the compression level for the PDF output.
ENCRYPTION_ENABLE	ON OFF (default)	Use this property to set the encryption and decryption properties like encryption level, owner/user passwords and user permission such as copy, modify, print and annotation. Encryption settings can be changed only if the document was decrypted or loaded with the master password. If user password was provided while loading the document, then any attempt to change the Encryption settings will throw errors.  The document can be decrypted by the Owner of the document, by setting <b>ENCRYPTION_ENABLE</b> to <b>OFF</b> .
ENCRYPTION_LEVEL	40BIT 128BIT	Specifies the encryption level
ENCRYPTION_OWNER_PASSWORD	value	Specifies the owner password
ENCRYPTION_USER_PASSWORD	value	Specifies the user password
ENCRYPTION_ALLOW_COPY	ON OFF	Determines if document text can be copied
ENCRYPTION_ALLOW_MODIFY	ON OFF	Determines if the document can be modified
ENCRYPTION_ALLOW_PRINT	ON OFF	Determines if the document can be printed
ENCRYPTION_ALLOW_ANNOTATION	ON OFF	Determines if the document allows annotation
ENCRYPTION_ALLOW_FORM_FILL	ON OFF	Determines if the document allows filling of form fields
ENCRYPTION_ALLOW_ACCESSIBILITY	ON OFF	Determines if the document allows accessibility
ENCRYPTION_ALLOW_ASSEMBLY	ON OFF	Determines if the document allows assembly
ENCRYPTION_HIRES_PRINT	ON OFF	Determines if the document allows high resolution printing
PAGE_LAYOUT	NONE SINGLE_PAGE ONE_COLUMN TWO_COLUMN_LEFT TWO_COLUMN_RIGHT	Specifies the Page layout of the document. Use this option to set page layout of the PDF document.  The details for each layout are described below.
PAGE_MODE	NONE USE_OUTLINES USE_THUMBS FULL_SCREEN	Specifies the Page mode of the document. Use this option to set page mode of the PDF document.  The details for each mode are described below.
PAGE_TRANSITION_EFFECT	NONE SPLIT_HOR_INWARD SPLIT_HOR_OUTWARD SPLIT_VERT_INWARD SPLIT_VERT_OUTWARD	A single line sweeps across the screen from one edge to the other in the specified direction. Use this option to set the transition style

	BLINDS_HOR BLINDS_VERT BOX_INWARD BOX_OUTWARD WIPE_LEFT_TO_RIGHT WIPE_BOTTOM_TO_TOP WIPE_RIGHT_TO_LEFT WIPE_TOP_TO_BOTTOM DISSOLVE GLITTER_LEFT_TO_RIGHT GLITTER_TOP_TO_BOTTOM GLITTER_TOP_LEFT_TO_BOTTOM_RIGHT	specified by PAGE_TRANSITION_EFFECT to all the pages specified in the TRANSITION_PAGE_RANGE for the duration specified in TRANSITION_DURATION.  The details for each effect are described below.
TRANSITION_PAGE_RANGE	value	Indicating the range of pages for PAGE_TRANSITION_EFFECT.
TRANSITION_DURATION	value	Specify the duration of page transition effect in seconds.
HIDE_MENUBAR	ON OFF (default)	Set this option to ON if you wish to hide the viewer application's menu bar when the document is active.
HIDE_TOOLBAR	ON OFF (default)	Set this option to ON if you wish to hide the viewer application's toolbars when the document is active.
HIDE_WINDOWUI	ON OFF (default)	Set this option to ON if you wish to hide user interface elements in the document's window (such as scroll bars and navigation controls), leaving only the document's contents displayed.
FIT_WINDOW	ON OFF (default)	Set this option to resize the document's window to the size of the first displayed page.
CENTER_WINDOW	ON OFF (default)	Set this option to position the document's window in the center of the screen.
DISPLAY_DOC_TITLE	ON OFF (default)	Set this option to ON to display document's Title In the Title Bar. Setting it to OFF will not display the title in the title bar.
HOST	value	This option holds address of the remote computer system to which connection needs to be established, such as mail.myhostname.com
PORT	value	This option holds the port number for the remote computer, e.g. 25
AUTHENTICATION	ON OFF	This option specifies the authentication mode
USERID	value	Your email user account name
EMAIL_PASSWORD	value	Specifies the password used for SMTP account authentication.
ATTACHMENTS	value	This option contains the list of attachments that need to be sent along with the e-mail. User may add more

		attachments to the list if required.
BODY	value	This option contains body of the mail.
DATE	value	This option holds the date the message was sent.
FROM_NAME	value	Represents the person's name in an E-mail address. It holds name of the person from whom mail was sent.
FROM_ADDRESS	value	Represents the address of the E-mail account from which the mail is to be sent.
REPLY_TO	value	Identifies the delivery address for message replies.
EMAIL_SUBJECT	value	Identifies the subject for the message. Subject is a text string that identifies the subject for the message.
TO_LIST	value	Identifies the recipient(s) of a message. Specify the list of valid e-mail address(s) to which the e-mail is to be sent.
CC_LIST	value	This option contains list of Carbon Copies to be sent along with the e-mail.
BCC_LIST	value	This option contains list of blind carbon copies to be sent along with the mail.
VERTICAL	TOP MIDDLE BOTTOM	Specifies the vertical position of the watermark
HORIZONTAL	LEFT CENTER RIGHT	Specifies the horizontal position of the watermark
TEXT	value	Specifies the displayed value for the text watermark
IMAGE_FILE_NAME	value	Specifies the image file for the image watermark
ANGLE	value	Specifies the angle degree for the text watermark
FONT_NAME	value	Specifies the font type for the text watermark
FONT_SIZE	value	Specifies the font size for the text watermark
FONT_COLOR	value	Specifies the font color for the text watermark
FONT_STYLE_BOLD	ON OFF	Specifies if font for the text watermark is bold
FONT_STYLE_ITALIC	ON OFF	Specifies if font for the text watermark is italic
FONT_STYLE_UNDERLINE	ON OFF	Specifies if font for the text watermark is underline
FONT_STYLE_STRIKEOUT	ON OFF	Specifies if font for the text watermark is strikeout
TRANSPARENCY	0-100	Specifies the transparency effect, where 0 is no transparency and 100 is almost invisible
PAGES	value	Specifies the page numbers for watermark. Leaving the value empty will apply the watermark for all pages.



ON_TOP	ON OFF	Specifies the watermark placement regarding existing content. When ON, the watermark is placed on top of existing contents. The default is OFF.
--------	-----------	---

**PAGE\_LAYOUT value**

Specifies the Page layout of the document. Use this option to set page layout of the PDF document.

Value	Description
NONE	default
SINGLE_PAGE	Display one page at a time
ONE_COLUMN	Display the pages in one column
TWO_COLUMN_LEFT	Display the pages in two columns, with odd numbered pages on the left
TWO_COLUMN_RIGHT	Display the pages in two columns, with odd numbered pages on the right

**PAGE\_MODE value**

Specifies the Page mode of the document. Use this option to set page mode of the PDF document.

Value	Description
NONE	Neither document outline nor thumbnail images visible
USE_OUTLINES	Document outline visible
USE_THUMBS	Thumbnail images visible
FULL_SCREEN	Full-screen mode, with no menu bar, window controls, or any other window visible

**PAGE\_TRANSITION\_EFFECT value**

A single line sweeps across the screen from one edge to the other in the specified direction. Use this option to set the transition style specified by PAGE\_TRANSITION\_EFFECT to all the pages specified in the TRANSITION\_PAGE\_RANGE for the duration specified in TRANSITION\_DURATION.

Value	Description
NONE	No transition
SPLIT_HOR_INWARD	Two lines sweep across the screen, revealing the new page. The lines are horizontal and move inward from the edges of the page.
SPLIT_HOR_OUTWARD	Two lines sweep across the screen, revealing the new page. The lines are horizontal and move outward from the center.
SPLIT_VERT_INWARD	Two lines sweep across the screen, revealing the new page. The lines are vertical and move inward from the edges of the page.
SPLIT_VERT_OUTWARD	Two lines sweep across the screen, revealing the new page. The lines are vertical and move outward from the center.
BLINDS_HOR	Multiple lines, evenly spaced across the screen, synchronously sweep in the same direction to reveal the new page. The lines are horizontal.
BLINDS_VERT	Multiple lines, evenly spaced across the screen, synchronously sweep in the same direction to reveal the new page. The lines are vertical.
BOX_INWARD	A rectangular box sweeps inward from the edges of the page to the center.
BOX_OUTWARD	A rectangular box sweeps outward from the center of the page to the edges.
WIPE_LEFT_TO_RIGHT	A single line sweeps across the screen from the left edge to the right edge.
WIPE_BOTTOM_TO_TOP	A single line sweeps across the screen from the bottom edge to the top edge.
WIPE_RIGHT_TO_LEFT	A single line sweeps across the screen from the right edge to the left edge.
WIPE_TOP_TO_BOTTOM	A single line sweeps across the screen from the top edge to the bottom edge.

DISSOLVE	The old page "dissolves" gradually to reveal the new one.
GLITTER_LEFT_TO_RIGHT	Similar to Dissolve, except that the effect sweeps across the page in a wide band moving from the left side of the screen to the right.
GLITTER_TOP_TO_BOTTOM	Similar to Dissolve, except that the effect sweeps across the page in a wide band moving from the top of the screen to the bottom.
GLITTER_TOP_LEFT_TO_BOTTOM_RIGHT	Similar to Dissolve, except that the effect sweeps across the page in a wide band moving from the top left of the screen to the bottom right.

### TRANSITION\_PAGE\_RANGE value

Indicating the range of pages for PAGE\_TRANSITION\_EFFECT. Page Range can be indicated in the following ways:

1, 2, 5, 8, 9      Each individual page is considered  
 1 - 5                All pages that fall in the range 1 to 5 are considered  
 1 - 5, 8, 9        All pages that fall in the range 1 to 5 and individual pages 8 and 9 are considered

#### Note:

An -ERROR- message will be displayed if an invalid page range is specified.

## 5.1.1 Examples

### 5.1.1.1 Example 1

-- To merge multiple PDF documents as one file

```

PLUGIN RPDFMerge 'vResult +
|ACTION MERGE +
|DOC_LIST_FILE PDFFilesToMerge.LST +
|OUTPUT_FILE OneBigMergedFile.PDF +
|OPEN_AFTER_SAVE ON +
|AUTHOR Technical Services Division of R:BASE Technologies +
|TITLE Test Document +
|SUBJECT Merged PDF Documents +
|KEYWORDS R:BASE, R:PDFMerge, PLUGIN +
|CREATOR R:BASE Technologies, Inc.'
RETURN

```

#### WHERE:

**vResult** is the resulting text variable to return the status of the merge process, such as OK or the exact -ERROR- message.

**ACTION MERGE** is the option chosen to merge multiple files defined in PDFFilesToMerge.LST file.

**DOC\_LIST\_FILE PDFFilesToMerge.LST** is the file name with a list of all of PDF documents with exact path and location to be merged as one.

```

C:\WPDocs\CompanyLetterhead.PDF
C:\Temp\Document2.PDF
D:\RBDData\RRBYW20\Report3.PDF
DocumnetName4.PDF
Documentname5.PDF
DocumentName6.PDF
F:\MyDocuments\DocumentName7.PDF

```

**OUTPUT\_FILE OneBigMergedFile.PDF** is the resulting PDF file

**OPEN\_AFTER\_SAVE ON** is the option chosen to view the resulting PDF document on screen

You may add the additional option of **SHOW\_SETUP\_DIALOG ON** if you wish to bring up the R:PDFMerge Document Settings and Preferences window to customize the resulting PDF document.

**AUTHOR Technical Services Division of R:BASE Technologies**

Specifies the Author for PDF Document Summary options.

**TITLE Test Document**

Specifies the Title value for PDF Document Summary options.

**SUBJECT Merged PDF Documents**

Specifies the Subject value for PDF Document Summary options.

**KEYWORDS R:BASE, R:PDFWorks, PLUGIN**

Specifies Keyword values for PDF Document Summary options.

**CREATOR R:BASE Technologies, Inc.**

Specifies the creator for PDF Document Summary options.

### 5.1.1.2 Example 2

-- To extract page(s) from existing PDF document

```
PLUGIN RPDFMerge 'vResult +
|ACTION EXTRACT +
|INPUT_FILE C:\PDFDocs\Summary.PDF +
|OUTPUT_FILE C:\ExtractDocs\Summary01.PDF +
|PAGE_RANGE 1,5,10-20 +
|OPEN_AFTER_SAVE ON +
|AUTHOR Technical Services Division of R:BASE Technologies +
|TITLE Test Document +
|SUBJECT Merged PDF Documents +
|KEYWORDS R:BASE, R:PDFWorks, PLUGIN +
|CREATOR R:BASE Technologies, Inc.'
RETURN
```

**WHERE:**

**vResult** is the resulting text variable to return the status of the merge process, such as OK or the exact -ERROR- message.

**ACTION EXTRACT** is the option chosen to extract page(s) from a specified PDF document.

**INPUT\_FILE C:\PDFDocs\Summary.PDF** is the specified PDF document name to extract the pages from.

**OUTPUT\_FILE C:\ExtractDocs\Summary01.PDF** is the resulting output PDF document to include successfully extracted page(s) only.

**PAGE\_RANGE 1,4** is the defined range of pages, i.e., to delete pages 1 and 4.

**OPEN\_AFTER\_SAVE ON** is the option chosen to view the resulting PDF document on screen.

You may add the additional option of **SHOW\_SETUP\_DIALOG ON** if you wish to bring up the R:PDFWorks Document Settings and Preferences window to customize the resulting PDF document.

**AUTHOR Technical Services Division of R:BASE Technologies**

Specifies the Author for PDF Document Summary options.

**TITLE Test Document**

Specifies the Title value for PDF Document Summary options.

**SUBJECT Merged PDF Documents**

Specifies the Subject value for PDF Document Summary options.

**KEYWORDS R:BASE, R:PDFWorks, PLUGIN**

Specifies Keyword values for PDF Document Summary options.

**CREATOR R:BASE Technologies, Inc.**

Specifies the creator for PDF Document Summary options.

### 5.1.1.3 Example 3

-- To delete page(s) from existing PDF document

```
PLUGIN RPDFMerge 'vResult +  
|ACTION DELETE +  
|INPUT_FILE C:\PDFDocs\FileName.PDF +  
|PAGE_RANGE 1,4 +  
|OPEN_AFTER_SAVE ON +  
|AUTHOR Technical Services Division of R:BASE Technologies +  
|TITLE Test Document +  
|SUBJECT Merged PDF Documents +  
|KEYWORDS R:BASE, R:PDFWorks, PLUGIN +  
|CREATOR R:BASE Technologies, Inc.'  
RETURN
```

WHERE:

**vResult** is the resulting text variable to return the status of the merge process, such as OK or the exact -ERROR- message.

**ACTION DELETE** is the option chosen to delete page(s) from a specified PDF document.

**INPUT\_FILE C:\PDFDocs\FileName.PDF** is the specified PDF document name to delete the pages from.

**PAGE\_RANGE 1,5** is the defined range of pages, i.e., to delete pages 1 and 4.

**OPEN\_AFTER\_SAVE ON** is the option chosen to view the resulting PDF document on screen

You may add the additional option of **SHOW\_SETUP\_DIALOG ON** if you wish to bring up the R:PDFWorks Document Settings and Preferences window to customize the resulting PDF document.

**AUTHOR Technical Services Division of R:BASE Technologies**

Specifies the Author for PDF Document Summary options.

**TITLE Test Document**

Specifies the Title value for PDF Document Summary options.

**SUBJECT Merged PDF Documents**

Specifies the Subject value for PDF Document Summary options.

**KEYWORDS R:BASE, R:PDFWorks, PLUGIN**

Specifies Keyword values for PDF Document Summary options.

**CREATOR R:BASE Technologies, Inc.**

Specifies the creator for PDF Document Summary options.

#### 5.1.1.4 Example 4

-- To retrieve the total number of pages in any given PDF document

```
PLUGIN RPDFMerge 'vPageCount +
|ACTION PAGE_COUNT +
|INPUT_FILE filename.pdf'
RETURN
```

The variable vPageCount will return the value of number of pages in given PDF document.

#### 5.1.1.5 Example 5

-- To insert pages from one PDF document to another PDF document

```
PLUGIN RPDFMerge 'vResult +
|ACTION INSERT +
|INPUT_FILE C:\PDFDocs\FileName.PDF +
|INSERT_FILE C:\ExtractDocs\SourceFile.PDF +
|INSERT_PAGE 1 +
|PAGE_RANGE 1-5 +
|OPEN_AFTER_SAVE ON +
|AUTHOR Technical Services Division of R:BASE Technologies +
|TITLE Test Document +
|SUBJECT Merged PDF Documents +
|KEYWORDS R:BASE, R:PDFWorks, PLUGIN +
|CREATOR R:BASE Technologies, Inc.'
RETURN
```

#### WHERE:

**vResult** is the resulting text variable to return the status of the merge process, such as OK or the exact -ERROR- message.

**ACTION INSERT** is the option chosen to insert page(s) from a specified PDF document.

**INPUT\_FILE C:\PDFDocs\FileName.PDF** is the specified PDF document name to insert the pages.

**INSERT\_FILE C:\PDFDocs\SourceFileName.PDF** is the specified PDF document name to insert the pages from.

**INSERT\_PAGE** Position of the specified PDF document in which the pages needs to be inserted.

**PAGE\_RANGE 1-5** is the defined range of pages, i.e., to insert pages 1 through 5.

**OPEN\_AFTER\_SAVE ON** is the option chosen to view the resulting PDF document on screen. You may add the additional option of **SHOW\_SETUP\_DIALOG ON** if you wish to bring up the R:PDFWorks Document Settings and Preferences window to customize the resulting PDF document.

**AUTHOR Technical Services Division of R:BASE Technologies**  
Specifies the Author for PDF Document Summary options.

**TITLE Test Document**  
Specifies the Title value for PDF Document Summary options.

**SUBJECT Merged PDF Documents**  
Specifies the Subject value for PDF Document Summary options.

**KEYWORDS R:BASE, R:PDFWorks, PLUGIN**  
Specifies Keyword values for PDF Document Summary options.

**CREATOR R:BASE Technologies, Inc.**

Specifies the creator for PDF Document Summary options.

### 5.1.1.6 Example 6

-- To insert blank page in a PDF document

```

PLUGIN RPDFMerge 'vResult +
|ACTION INSERT_BLANK_PAGE +
|INPUT_FILE C:\PDFDocs\SummaryWithInsertedPages.PDF +
|INSERT_PAGE 2 +
|OPEN_AFTER_SAVE ON +
|AUTHOR Technical Services Division of R:BASE Technologies +
|TITLE Test Document +
|SUBJECT Merged PDF Documents +
|KEYWORDS R:BASE, R:PDFWorks, PLUGIN +
|CREATOR R:BASE Technologies, Inc.'
RETURN

```

#### WHERE:

**vResult** is the resulting text variable to return the status of the merge process, such as OK or the exact -ERROR- message.

**ACTION INSERT\_BLANK\_PAGE** is the option chosen to insert a blank in a specified PDF document.

**INPUT\_FILE C:\PDFDocs\FileName.PDF** is the specified PDF document name to insert the pages.

**INSERT\_PAGE** Position of the specified PDF document in which the blank page needs to be inserted.

**OPEN\_AFTER\_SAVE ON** is the option chosen to view the resulting PDF document on screen. You may add the additional option of

**SHOW\_SETUP\_DIALOG ON** if you wish to bring up the R:PDFWorks Document Settings and Preferences window to customize the resulting PDF document.

**AUTHOR Technical Services Division of R:BASE Technologies**  
Specifies the Author for PDF Document Summary options.

**TITLE Test Document**  
Specifies the Title value for PDF Document Summary options.

**SUBJECT Merged PDF Documents**  
Specifies the Subject value for PDF Document Summary options.

**KEYWORDS R:BASE, R:PDFWorks, PLUGIN**  
Specifies Keyword values for PDF Document Summary options.

**CREATOR R:BASE Technologies, Inc.**  
Specifies the creator for PDF Document Summary options.

### 5.1.1.7 Example 7

-- To merge multiple PDF documents as one file and send through email by an SMTP server

```

PLUGIN RPDFMerge 'vResult +
|ACTION MERGE +
|DOC_LIST_FILE PDFFilesToMerge.LST +
|OUTPUT_FILE NewMergedFile.PDF +
|OPEN_AFTER_SAVE OFF +
|AUTHOR Technical Services Division of R:BASE Technologies +
|TITLE Test Document +
|SUBJECT Merged PDF Documents +
|KEYWORDS R:BASE, R:PDFMerge, PLUGIN +

```

```
|CREATOR R:BASE Technologies, Inc.' +  
|HOST smtp.servername.com +  
|PORT 25 +  
|AUTHENTICATION ON +  
|USERID account@servername.com +  
|EMAIL_PASSWORD xxxxxxxxxxxxxx +  
|TO_LIST first.last@rbase.com +  
|FROM_NAME RBTI Account +  
|FROM_ADDRESS account@servername.com +  
|EMAIL_SUBJECT RPDFWorks Document +  
|BODY Please reference the attached PDF document.'  
RETURN
```

**WHERE:**

**vResult** is the resulting text variable to return the status of the merge process, such as OK or the exact -ERROR- message.

**ACTION MERGE** is the option chosen to merge multiple files defined in PDFFilesToMerge.LST file.

**DOC\_LIST\_FILE PDFFilesToMerge.LST** is the file name with a list of all of PDF documents with exact path and location to be merged as one.

```
C:\WPDocs\CompanyLetterhead.PDF  
C:\Temp\Document.PDF
```

**OUTPUT\_FILE NewMergedFile.PDF** is the resulting PDF file

**OPEN\_AFTER\_SAVE OFF** is the option chosen to view the resulting PDF document on screen

**AUTHOR Technical Services Division of R:BASE Technologies**  
Specifies the Author for PDF Document Summary options.

**TITLE Test Document**  
Specifies the Title value for PDF Document Summary options.

**SUBJECT Merged PDF Documents**  
Specifies the Subject value for PDF Document Summary options.

**KEYWORDS R:BASE, R:PDFWorks, PLUGIN**  
Specifies Keyword values for PDF Document Summary options.

**CREATOR R:BASE Technologies, Inc.**  
Specifies the creator for PDF Document Summary options.

**HOST smtp.servername.com**  
Specifies the SMTP server name.

**PORT 25**  
Specifies the SMTP port number.

**AUTHENTICATION ON**  
Specifies the SMTP server authentication mode.

**USERID account@servername.com**  
Specifies the SMTP email account.

**EMAIL\_PASSWORD xxxxxxxxxxxxxx**  
Specifies the SMTP email account password.

**TO\_LIST first.last@rbase.com**  
Specifies the email recipient.

**FROM\_NAME RBTI Account**

Specifies the email from name.

**FROM\_ADDRESS account@servername.com**

Specifies the email from account.

**EMAIL\_SUBJECT RPDFWorks Document**

Specifies the email subject.

**BODY Please reference the attached PDF document.**

Specifies the email body text.

**5.1.1.8 Example 8**

-- To add a text watermark to a PDF document

```

PLUGIN RPDFMerge vAddWtrMrk +
|ACTION INSERT_TEXT_WATER_MARK +
|INPUT_FILE C:\Temp\WatermarkPDFs\14776.pdf +
|TEXT COD +
|VERTICAL MIDDLE +
|HORIZONTAL CENTER +
|FONT_SIZE 120 +
|ANGLE 45 +
|FONT_NAME Tahoma +
|FONT_COLOR GRAY
RETURN

```

**WHERE:**

**vAddWtrMrk** is the resulting text variable to return the status of the merge process, such as OK or the exact -ERROR- message.

**ACTION INSERT\_TEXT\_WATER\_MARK** is the option chosen to insert a text watermark.

**INPUT\_FILE C:\Temp\WatermarkPDFs\14776.pdf** is the specified PDF document name to add the watermark.

**TEXT COD** is the text watermark value.

**VERTICAL MIDDLE ON** specifies the vertical placement of the text.

**HORIZONTAL CENTER** specifies the horizontal placement of the text.

**FONT\_SIZE 120** specifies the watermark text to the size of 120 pixels.

**ANGLE 45** specifies the text angle to 45 degrees.

**FONT\_NAME Tahoma** specifies the text is displayed using the Tahoma font type.

**FONT\_COLOR GRAY** specifies the watermark text color is gray.

**5.2 R:PDFSearch**

The R:PDFSearch portion of R:PDFWorks is command line support to perform PDF document searches from a command line, which is supported in the R:BASE command syntax through the PLUGIN command.

R:PDFSearch can be used to return two different PDF document search results:

1. a variable containing a list of files matching the text of the search
2. an ASCII file containing a list of files matching the text of the search



**Syntax:**

```
PLUGIN RPDFSearch 'vResult|<parameter value>'
```

**Notes:**

- "vResult" is the variable which will return search results.
- Based on the search result type, VARIABLE or FILE, the following values are returned:
- Either TEXT or NOTE data types can be used for the resulting variable. For searches returning many files (including the file paths), it is recommended to use the NOTE data type, which can contain 4,096 characters, as opposed to the TEXT data type, which is limited to 1,500 characters.

**VARIABLE** Result Search:

	<b>Search Match Found in Files</b>	<b>No Match Found in Files</b>	<b>No Files Found</b>
Variable Value	List of files matching search	NULL value	-ERROR- No PDF files in <folder name> folder

**FILE** Result Search:

	<b>Search Match Found in Files</b>	<b>No Match Found in Files</b>	<b>No Files Found</b>
File Value	Output file contains list of files	No file is created	No file is created
Variable Value	"OK"	NULL value	-ERROR- No PDF files in <folder name> folder

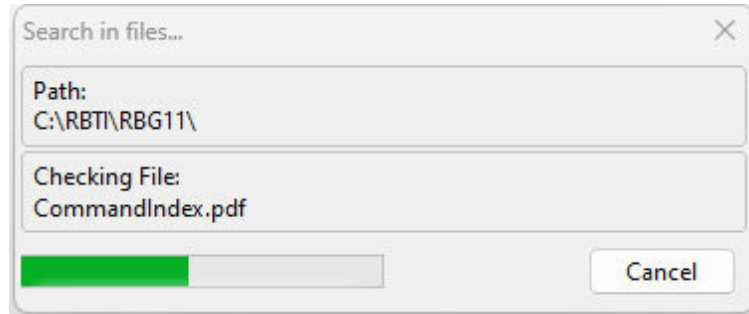
**Parameters:**

<b>Parameter</b>	<b>Values</b>	<b>Description</b>
FOLDER_NAME	value	Specifies the directory location to search. The full path of the directory should be specified.
FILE_MASK	value	Limits the search to a specific file or files that match the mask. The default is "*.PDF".
RESULT_TYPE	VARIABLE FILE	Specifies whether the result of the search is stored in a variable or in an output file. The resulting variable data type is NOTE. The <b>OUTPUT_FILE</b> parameter must be added to syntax when <b>FILE</b> value is specified.
OUTPUT_FILE	value	Specifies the name of the output file when using the <b>FILE</b> value for the <b>RESULT_TYPE</b> parameter
TEXT_TO_SEARCH	value	Specifies the text to search for. Use the <b>SEARCH_TYPE</b> parameter for additional options.
SEARCH_TYPE	BOTH TEXT KEYWORDS	Specifies whether the text search is based on the text in the PDF documents, the Keyword text, or both.
SEARCH_IN_PAGE	value	Specifies the search is limited to document pages. Values accepted can be "ALL" or a comma delimited string of page numbers
CASE_SENSITIVE	ON OFF	Specifies the case sensitivity of the text search
WHOLE_WORD	ON OFF	Specifies if the search is based on whole words or any matching text
PAGE_NUMBERS	ON OFF	Returns the first page with a match for the search criteria. The page numbers are returned as variables.  <b>RBTI_PDF_FILES</b> - returns the number of files with a match

		<p><b>RBTI_PDFnnnnn_PAGE</b> - returns comma delimited text of the page numbers with a match. The "nnnnn" in the file name represents the order of the matches located (e.g. RBTI_PDF00001_PAGE, RBTI_PDF00002_PAGE, RBTI_PDF00003_PAGE, etc.), up to the value of RBTI_PDF_FILES.</p> <p>The order of the page numbers follows the order of the PDF files for the matched search criteria.</p>
ALL_PAGE_NUMBERS	ON OFF	<p>Returns all page numbers with a match for the search criteria. The page numbers are returned as variables.</p> <p><b>RBTI_PDF_FILES</b> - returns the number of files with a match</p> <p><b>RBTI_PDFnnnnn_PAGE</b> - returns comma delimited text of the page numbers with a match. The "nnnnn" in the file name represents the order of the matches located (e.g. RBTI_PDF00001_PAGE, RBTI_PDF00002_PAGE, RBTI_PDF00003_PAGE, etc.), up to the value of RBTI_PDF_FILES.</p> <p>The order of the page numbers follows the order of the PDF files for the matched search criteria.</p> <p>This parameter will slow down the search because all pages need to be inspected (compared to checking only for the first hit).</p>
LIST_SEPARATOR	value	Allows the use of a custom separator for the returned variable. The default separator is a comma ",".
SHOW_PROGRESS	ON OFF	Allows the display of the search progress dialog below
FULL_PATH	ON OFF	Specifies if the PDF documents returned in the search contain the full path
INCLUDE_SUBFOLDERS	ON OFF	Specifies whether the search is to include the subdirectories of the FOLDER_NAME parameter
FILE_SEARCH_LIMIT	value	Specifies the maximum number of files with a match
PAGE_SEARCH_LIMIT	value	Specifies the maximum number of pages with a match per file. This parameter is an option when ALL_PAGE_NUMBERS is used. When used, the scanning will stop when the specified number of pages have been scanned with a match.
BREAK_ON_NON_SEQ_MATCH	ON OFF	When ON, searching will stop when a match was not found in the current page, but the previous page has a match. The default is OFF.
SKIP_FILES_WITH_PAGES_OVER	value	Specifies to skip files based upon the page count
SKIP_FILES_WITH_SIZE_OVER	value	Specifies to skip files based upon the file size
SORT_BY	NAME SIZE DATE	Specifies how the file search will be sorted. To specify NAME for SORT_BY and DESC for SORT_ORDER will start search files that being with Z, Y, etc.
SORT_ORDER	ASC DESC	Specifies how the search process is ordered

## 5.2.1 Progress

When the parameter for "SHOW\_PROGRESS" is enabled, the following dialog window will be displayed.



## 5.2.2 Examples

### 5.2.2.1 Example 1

-- To search PDF documents for the text "base" in the C:\RBTI\ directory  
 -- using the "file" result type for the search results.

```
CLEAR VAR vSearchResult
SET VAR vSearchResult NOTE = NULL
PLUGINS RPDFSearch 'vSearchResult +
| FOLDER_NAME C:\RBTI\ +
| RESULT_TYPE FILE +
| OUTPUT_FILE PDFFiles.lst +
| TEXT_TO_SEARCH base +
| SEARCH_TYPE KEYWORDS +
| CASE_SENSITIVE OFF +
| WHOLE_WORD OFF +
| SHOW_PROGRESS ON +
| FULL_PATH ON +
| INCLUDE_SUBFOLDERS ON'
RETURN
```

#### WHERE:

**vSearchResult** is the resulting NOTE variable to return the status of the search process, such as OK or the exact -ERROR- message.

**FOLDER\_NAME C:\RBTI\** is the directory where PDF documents are being searched

**RESULT\_TYPE FILE** is the search result type where an output file is created with a PDF file list matching the text search

**OUTPUT\_FILE PDFFiles.lst** is the specified output file containing the PDF file list matching the text search

**TEXT\_TO\_SEARCH base** is the text searched for in the PDF documents

**SEARCH\_TYPE KEYWORDS** is the search type in which only keywords in the PDF documents are searched

**CASE\_SENSITIVE OFF** is the option where case sensitivity of the text search is off

**WHOLE\_WORD OFF** is the option where the search will return any instance of the text

**SHOW\_PROGRESS ON** is the option which will display the progress dialog

**FULL\_PATH ON** is the option which includes the full path of the PDF file(s) that contain the text search

**INCLUDE\_SUBFOLDERS ON** is the option where PDF documents in the sub folders are also searched

### 5.2.2.2 Example 2

-- To search PDF documents for the text "base" in the C:\RBTI\ directory  
 -- using the "variable" result type for the search results.

```
CLEAR VAR vSearchResult
SET VAR vSearchResult NOTE = NULL
PLUGINS RPDFSearch 'vSearchResult +
| FOLDER_NAME C:\RBTI\ +
| RESULT_TYPE VARIABLE +
| TEXT_TO_SEARCH base +
| SEARCH_TYPE BOTH +
| CASE_SENSITIVE OFF +
| WHOLE_WORD OFF +
| LIST_SEPARATOR ~ +
| SHOW_PROGRESS OFF +
| FULL_PATH OFF +
| INCLUDE_SUBFOLDERS OFF'
RETURN
```

#### WHERE:

**vSearchResult** is the resulting NOTE variable to return the status of the search process, such as OK or the exact -ERROR- message.

**FOLDER\_NAME C:\RBTI\** is the directory where PDF documents are being searched

**RESULT\_TYPE VARIABLE** is the search result type where a variable will contain a PDF file list matching the text search

**TEXT\_TO\_SEARCH base** is the text searched for in the PDF documents

**SEARCH\_TYPE BOTH** is the search type which all text and keywords are searched in the PDF documents

**CASE\_SENSITIVE OFF** is the option where case sensitivity of text search is off

**WHOLE\_WORD OFF** is the option where the search will return file that contain any instance of the text

**LIST\_SEPARATOR ~** is the option where the list separator is specified as a tilde

**SHOW\_PROGRESS OFF** is the option which will not display the progress dialog

**FULL\_PATH OFF** is the option which will not include the full path of the PDF file that contains the text search

**INCLUDE\_SUBFOLDERS OFF** is the option where PDF documents in the sub folders are not searched for the text

### 5.2.2.3 Example 3

-- To search PDF documents for the text "GETDATE" in the C:\RBTI\RBG11 directory  
 -- using the "variable" result type for the search results, and captures page numbers

```
CLEAR VAR vSearchResult
SET VAR vSearchResult NOTE = NULL
PLUGINS RPDFSearch 'vSearchResult +
| FOLDER_NAME C:\RBTI\RBG11 +
| RESULT_TYPE VARIABLE +
| TEXT_TO_SEARCH RANKAVG +
| ALL_PAGE_NUMBERS ON +
| SEARCH_TYPE TEXT +
| CASE_SENSITIVE ON +
| WHOLE_WORD OFF +
| LIST_SEPARATOR ~ +
| SHOW_PROGRESS ON +
| FULL_PATH OFF +
| INCLUDE_SUBFOLDERS OFF'
```

#### WHERE:

**vSearchResult** is the resulting NOTE variable to return the status of the search process, such as OK or the exact -ERROR- message.

**FOLDER\_NAME C:\RBTI\RBG11** is the directory where PDF documents are being searched

**RESULT\_TYPE VARIABLE** is the search result type where a variable will contain a PDF file list matching the text search

**TEXT\_TO\_SEARCH RANKAVG** is the text searched for in the PDF documents

**SEARCH\_TYPE TEXT** is the search type which text are searched in the PDF documents

**CASE\_SENSITIVE ON** is the option where case sensitivity of text search is on

**WHOLE\_WORD OFF** is the option where the search will return file that contain any instance of the text

**LIST\_SEPARATOR ~** is the option where the list separator is specified as a tilde

**SHOW\_PROGRESS ON** is the option which will display the progress dialog

**FULL\_PATH OFF** is the option which will not include the full path of the PDF file that contains the text search

**INCLUDE\_SUBFOLDERS OFF** is the option where PDF documents in the sub folders are not searched for the text

The following variables are returned:

vSearchResult	= FunctionIndex.pdf~RBASE_11_FeatureHighlights.pdf~WhatsNewIn_RBASE_11_forWindows.pdf	NOTE
RBTI_PDF_FILES	= 3	INTEGER
RBTI_PDF00001_PAGE	= 10,14,91,127	TEXT
RBTI_PDF00002_PAGE	= 4	TEXT
RBTI_PDF00003_PAGE	= 40	TEXT

#### 5.2.2.4 Example 4

-- To search PDF documents for the text "base" in the C:\RBTI\ directory  
 -- using the "variable" result type for the search results, limiting the files  
 -- to search where "guide" exists in the file name

```
CLEAR VAR vSearchResult
SET VAR vSearchResult NOTE = NULL
PLUGINS RPDFSearch 'vSearchResult +
| FOLDER_NAME C:\RBTI\ +
| RESULT_TYPE VARIABLE +
| TEXT_TO_SEARCH base +
| FILE_MASK *guide*.PDF +
| SEARCH_TYPE BOTH +
| CASE_SENSITIVE OFF +
| WHOLE_WORD OFF +
| LIST_SEPARATOR ~ +
| SHOW_PROGRESS OFF +
| FULL_PATH OFF +
| INCLUDE_SUBFOLDERS OFF'
RETURN
```

#### WHERE:

**vSearchResult** is the resulting NOTE variable to return the status of the search process, such as OK or the exact -ERROR- message.

**FOLDER\_NAME C:\RBTI\** is the directory where PDF documents are being searched

**RESULT\_TYPE VARIABLE** is the search result type where a variable will contain a PDF file list matching the text search

**TEXT\_TO\_SEARCH base** is the text searched for in the PDF documents

**FILE\_MASK guide** is the file mask to limit what PDF documents to search

**SEARCH\_TYPE BOTH** is the search type which all text and keywords are searched in the PDF documents

**CASE\_SENSITIVE OFF** is the option where case sensitivity of text search is off

**WHOLE\_WORD OFF** is the option where the search will return file that contain any instance of the text

**LIST\_SEPARATOR ~** is the option where the list separator is specified as a tilde

**SHOW\_PROGRESS OFF** is the option which will not display the progress dialog

**FULL\_PATH OFF** is the option which will not include the full path of the PDF file that contains the text search

**INCLUDE\_SUBFOLDERS OFF** is the option where PDF documents in the sub folders are not searched for the text

#### 5.2.2.5 Example 5

-- To search PDF documents for the text "ISTAT" in the C:\RBTI\RBG11 directory  
 -- using the "variable" result type for the search results, limiting the file search  
 -- limit to 1, with the search sort by name in descending order

```
CLEAR VAR vSearchResult
SET VAR vSearchResult NOTE = NULL
PLUGIN RPDFSearch 'vSearchResult +
| FOLDER_NAME C:\RBTI\RBG11 +
| TEXT_TO_SEARCH ISTAT +
| RESULT_TYPE VARIABLE +
| SEARCH_TYPE TEXT +
| FULL_PATH ON +
| INCLUDE_SUBFOLDERS ON +
| SHOW_PROGRESS ON +
| FILE_SEARCH_LIMIT 1 +
| SORT_BY NAME +
| SORT_ORDER DESC'
RETURN
```

**WHERE:**

**vSearchResult** is the resulting NOTE variable to return the status of the search process, such as OK or the exact -ERROR- message.

**FOLDER\_NAME C:\RBTI\RBG11** is the directory where PDF documents are being searched

**TEXT\_TO\_SEARCH ISTAT** is the text searched for in the PDF documents

**RESULT\_TYPE VARIABLE** is the search result type where a variable will contain a PDF file list matching the text search

**SEARCH\_TYPE TEXT** is the search type which only text searched in the PDF documents

**FULL\_PATH ON** is the option which will include the full path of the PDF file that contains the text search

**INCLUDE\_SUBFOLDERS ON** is the option where PDF documents in the sub folders are searched for the text

**SHOW\_PROGRESS OFF** is the option which will not display the progress dialog

**FILE\_SEARCH\_LIMIT 1** is the option where search results are limited to 1 file

**SORT\_BY NAME** specifies to search files sorted by the file names

**SORT\_ORDER DESC** specifies to search files the file names in descending order

### 5.2.2.6 Advanced Example 1

```
-- Advanced_Example01.RMD Using Search Results into a Variable
-- Totally automating the process of entering Search Keyword and the default folder
-- Required Plugins: LoadDirectoryName and RPDFSearch
-- Author: A. Razzak Memon

{
Note:
If FILE_COUNT is set to ON, the resulting variable will include the 'nnnn|'
at the beginning of the text string. You'll need to use that number to
customize the LINES option of your CHOOSE command
}

-- Clear Previously Defined Global Variables, if any
```

```

CLEAR VAR vCaption,vSearchKeyword,vSearchFolderName,vReturnKey,vDialogMessage, +
vPauseMessage,vCurrentDir,vPDFSearchListFile,vSearchResult,vPDFSearchString, +
vYesNo,vEndKey,vFileCountLength,vLines,vStringLength,vPDFDocument,vTotalDocuments, +
vChooseCaption,vPDFDocument,vLaunchString,iv%,vEndKey

-- Step 01: Define Required Global Variables
SET VAR vCaption TEXT = ' R:PDFWorks ...'
SET VAR vSearchKeyword TEXT = NULL
SET VAR vSearchFolderName TEXT = NULL
SET VAR vReturnKey TEXT = (CHAR(013))
SET VAR vDialogMessage TEXT = NULL
SET VAR vCurrentDir TEXT = (CVAL('CURRDIR'))
SET VAR vPDFSearchListFile TEXT = ((CVAL('NetUser'))+ '_PDFSearchListFile.LST')
SET VAR vSearchResult NOTE = NULL
SET VAR vPDFSearchString TEXT = NULL
SET VAR vYesNo TEXT = NULL
SET VAR vEndKey TEXT = NULL
SET VAR vFileCountLength INTEGER = NULL
SET VAR vLines INTEGER = NULL
SET VAR vStringLength INTEGER = NULL
SET VAR vPDFDocument TEXT = NULL
SET VAR vTotalDocuments TEXT = NULL
SET VAR vChooseCaption TEXT = NULL

-- Step 02: Get Keyword to Search For
LABEL GetKeyword
CLS
DIALOG 'Enter Keyword to Search' vSearchKeyWord=26 vEndKey 1 CAPTION .vCaption +
OPTION THEMENAME R:BASE Rocks!
IF vEndKey = '[Esc]' THEN
    GOTO Done
ENDIF
IF vSearchKeyWord IS NULL THEN
    PAUSE 2 USING 'Missing Keyword to Search For!' +
    CAPTION .vCaption +
    ICON STOP +
    BUTTON 'Press any key to continue ...' +
    OPTION BACK_COLOR WHITE +
    |MESSAGE_COLOR WHITE +
    |MESSAGE_FONT_NAME Verdana +
    |MESSAGE_FONT_COLOR RED +
    |MESSAGE_FONT_SIZE 10 +
    |MESSAGE_FONT_BOLD OFF +
    |MESSAGE_FONT_ITALIC OFF +
    |MESSAGE_FONT_STRIKEOUT OFF +
    |BUTTON_COLOR WHITE +
    |BUTTON_FONT_COLOR GREEN +
    |THEMENAME R:BASE Rocks!
    GOTO GetKeyword
ENDIF

-- Step 03: Get Folder Name to Search In
LABEL GetFolderName
CLS
PLUGIN LoadDirectoryName vSearchFolderName +
|TITLE Select Folder with PDF Documents to Search In +
|DELETE_BUTTON OFF

```



```
IF vSearchFolderName = '[Esc]' THEN
    GOTO Done
ENDIF
IF vSearchFolderName IS NULL THEN
    PAUSE 2 USING 'Folder NOT Selected!' +
    CAPTION .vCaption +
    ICON STOP +
    BUTTON 'Press any key to continue ...' +
    OPTION BACK_COLOR WHITE +
    |MESSAGE_COLOR WHITE +
    |MESSAGE_FONT_NAME Verdana +
    |MESSAGE_FONT_COLOR RED +
    |MESSAGE_FONT_SIZE 10 +
    |MESSAGE_FONT_BOLD OFF +
    |MESSAGE_FONT_ITALIC OFF +
    |MESSAGE_FONT_STRIKEOUT OFF +
    |BUTTON_COLOR WHITE +
    |BUTTON_FONT_COLOR GREEN +
    |THEMENAME R:BASE Rocks!
    GOTO GetFolderName
ENDIF

-- Step 04: Show Selected Parameters
LABEL ShowParameters
CLS
SET VAR vDialogMessage = +
(.vReturnKey + ' Keyword to Search For:'&.vSearchKeyword+.vReturnKey+.vReturnKey + +
' Folder to Search:'&.vSearchFolderName+.vReturnKey)
CLS
DIALOG .vDialogMessage vYesNo vEndKey YES +
CAPTION .vCaption +
OPTION TITLE_FONT_COLOR BLACK +
|TITLE_BACK_COLOR WHITE +
|WINDOW_BACK_COLOR WHITE +
|BUTTON_YES_CAPTION &Proceed +
|BUTTON_NO_CAPTION &Cancel +
|BUTTON_YES_COLOR GREEN +
|BUTTON_NO_COLOR RED +
|BUTTON_YES_FONT_COLOR WHITE +
|BUTTON_NO_FONT_COLOR WHITE
IF vYesNo = 'No' THEN
    GOTO Done
ENDIF

-- Step 05: Build Syntax for R:PDFSearch Plugin
SET VAR vPDFSearchString = +
('vSearchResult |FOLDER_NAME'&.vSearchFolderName& +
'|TEXT_TO_SEARCH'&.vSearchKeyword& +
'|RESULT_TYPE VARIABLE'& +
'|SEARCH_TYPE KEYWORDS'& +
'|CASE_SENSITIVE OFF'& +
'|WHOLE_WORD OFF'& +
'|SHOW_PROGRESS ON'& +
'|FULL_PATH ON'& +
'|INCLUDE_SUBFOLDERS ON'& +
'|FILE_COUNT ON')
```

```

CLS
PLUGINS RPDFSearch .vPDFSearchString

IF vSearchResult LIKE '-ERROR-%' THEN
    PAUSE 2 USING 'There is an -ERROR-.' +
    CAPTION ' R:PDFWorks' +
    ICON STOP BUTTON 'Press any key to continue ...' +
    OPTION BACK_COLOR WHITE +
    |MESSAGE_COLOR WHITE +
    |MESSAGE_FONT_COLOR RED +
    |BUTTON_COLOR WHITE +
    |BUTTON_FONT_COLOR GREEN
    GOTO Done
ENDIF

-- Parse the FILE_COUNT from the resulting variable
SET VAR vFileCountLength = (SLOC(.vSearchResult,'|'))
SET VAR vTotalDocuments = (SGET(.vSearchResult,.vFileCountLength-1,1))
-- Make the results without FILE_COUNT information
SET VAR vStringLength = ((SLEN(.vSearchResult)-.vFileCountLength))
SET VAR vSearchResult = (SGET(.vSearchResult,(.vStringLength), (vFileCountLength +
1)))
SET VAR vChooseCaption = (.vCaption&(CTXT(.vTotalDocuments))&'Document(s) Found!')
IF vTotalDocuments > 20 THEN
    SET VAR vLines = 20
ELSE
    SET VAR vLines = .vTotalDocuments
ENDIF

LABEL ViewResult
CLS
CHOOSE vPDFDocument FROM #LIST .vSearchResult +
CHKBOX 1 +
TITLE 'Select one document to view and then click on [OK] button to continue' +
CAPTION .vChooseCaption LINES .vLines FORMATTED +
OPTION LIST_FONT_COLOR WHITE +
|TITLE_FONT_COLOR 5142690 +
|TITLE_BACK_COLOR WHITE +
|WINDOW_BACK_COLOR WHITE +
|TITLE_FONT_SIZE 12 +
|TITLE_FONT_NAME VERDANA +
|LIST_BACK_COLOR 5142690 +
|WINDOW_CAPTION +
|BUTTONS_SHOW_GLYPH ON +
|BUTTONS_BACK_COLOR WHITE +
|THEMENAME R:BASE Rocks!

IF vPDFDocument IS NULL OR vPDFDocument = '[Esc]' THEN
    GOTO Done
ENDIF
SET VAR vLaunchString = ('LAUNCH'&.vPDFDocument+'|W')
&vLaunchString
GOTO ViewResult

LABEL Done
CLS
CLEAR VAR vCaption,vSearchKeyword,vSearchFolderName,vReturnKey,vDialogMessage, +

```

```
vPauseMessage,vCurrentDir,vPDFSearchListFile,vSearchResult,vPDFSearchString, +
vYesNo,vEndKey,vFileCountLength,vLines,vStringLength,vPDFDocument,vTotalDocuments, +
vChooseCaption,vPDFDocument,vLaunchString,iv%,vEndKey
RETURN
```

### 5.2.2.7 Advanced Example 2

```
-- Advanced_Example02.RMD Using Search Results into a file
-- Totally automating the process of entering Search Keyword and the default folder
-- Required Plugins: LoadDirectoryName and RPDFSearch
-- Author: A. Razzak Memon

{
  Note:
  If FILE_COUNT is set to ON, the resulting variable will include the 'nnnn|'
  at the beginning of the text string. You'll need to use that number to
  customize the LINES option of your CHOOSE command
}

-- Clear Previously Defined Global Variables, if any
CLEAR VAR vCaption,vSearchKeyword,vSearchFolderName,vReturnKey,vDialogMessage, +
vPauseMessage,vCurrentDir,vPDFSearchListFile,vSearchResult,vPDFSearchString, +
vYesNo,vEndKey,vFileCountLength,vLines,vStringLength,vPDFDocument,vTotalDocuments, +
vChooseCaption,vPDFDocument,vLaunchString,iv%,vEndKey

-- Step 01: Define Required Global Variables
SET VAR vCaption TEXT = ' R:PDFWorks ...'
SET VAR vSearchKeyword TEXT = NULL
SET VAR vSearchFolderName TEXT = NULL
SET VAR vReturnKey TEXT = (CHAR(013))
SET VAR vDialogMessage TEXT = NULL
SET VAR vCurrentDir TEXT = (CVAL('CURRDIR'))
SET VAR vPDFSearchListFile TEXT = ((CVAL('NetUser'))+ '_PDFSearchListFile.TXT')
SET VAR vSearchResult NOTE = NULL
SET VAR vPDFSearchString TEXT = NULL
SET VAR vYesNo TEXT = NULL
SET VAR vEndKey TEXT = NULL
SET VAR vFileCountLength INTEGER = NULL
SET VAR vLines INTEGER = NULL
SET VAR vStringLength INTEGER = NULL
SET VAR vPDFDocument TEXT = NULL
SET VAR vTotalDocuments TEXT = NULL
SET VAR vChooseCaption TEXT = NULL

-- Step 02: Get Keyword to Search For
LABEL GetKeyword
CLS
DIALOG 'Enter Keyword to Search' vSearchKeyWord=26 vEndKey 1 CAPTION .vCaption +
OPTION THEMENAME R:BASE Rocks!
IF vEndKey = '[Esc]' THEN
  GOTO Done
ENDIF
IF vSearchKeyWord IS NULL THEN
  PAUSE 2 USING 'Missing Keyword to Search For!' +
  CAPTION .vCaption +
  ICON STOP +
  BUTTON 'Press any key to continue ...' +
```

```

OPTION BACK_COLOR WHITE +
|MESSAGE_COLOR WHITE +
|MESSAGE_FONT_NAME Verdana +
|MESSAGE_FONT_COLOR RED +
|MESSAGE_FONT_SIZE 10 +
|MESSAGE_FONT_BOLD OFF +
|MESSAGE_FONT_ITALIC OFF +
|MESSAGE_FONT_STRIKEOUT OFF +
|BUTTON_COLOR WHITE +
|BUTTON_FONT_COLOR GREEN +
|THEMENAME R:BASE Rocks!
GOTO GetKeyword
ENDIF

-- Step 03: Get Folder Name to Search In
LABEL GetFolderName
CLS
PLUGIN LoadDirectoryName vSearchFolderName +
|TITLE Select Folder with PDF Documents to Search In +
|DELETE_BUTTON OFF
IF vSearchFolderName = '[Esc]' THEN
GOTO Done
ENDIF
IF vSearchFolderName IS NULL THEN
PAUSE 2 USING 'Folder NOT Selected!' +
CAPTION .vCaption +
ICON STOP +
BUTTON 'Press any key to continue ...' +
OPTION BACK_COLOR WHITE +
|MESSAGE_COLOR WHITE +
|MESSAGE_FONT_NAME Verdana +
|MESSAGE_FONT_COLOR RED +
|MESSAGE_FONT_SIZE 10 +
|MESSAGE_FONT_BOLD OFF +
|MESSAGE_FONT_ITALIC OFF +
|MESSAGE_FONT_STRIKEOUT OFF +
|BUTTON_COLOR WHITE +
|BUTTON_FONT_COLOR GREEN +
|THEMENAME R:BASE Rocks!
GOTO GetFolderName
ENDIF

-- Step 04: Show Selected Parameters
LABEL ShowParameters
CLS
SET VAR vDialogMessage = +
(.vReturnKey + ' Keyword to Search For:'&.vSearchKeyword+.vReturnKey+.vReturnKey + +
' Folder to Search:'&.vSearchFolderName+.vReturnKey)
CLS
DIALOG .vDialogMessage vYesNo vEndKey YES +
CAPTION .vCaption +
OPTION TITLE_FONT_COLOR BLACK +
|TITLE_BACK_COLOR WHITE +
|WINDOW_BACK_COLOR WHITE +
|BUTTON_YES_CAPTION &Proceed +
|BUTTON_NO_CAPTION &Cancel +
|BUTTON_YES_COLOR GREEN +

```

```

|BUTTON_NO_COLOR RED +
|BUTTON_YES_FONT_COLOR WHITE +
|BUTTON_NO_FONT_COLOR WHITE
IF vYesNo = 'No' THEN
    GOTO Done
ENDIF

-- Step 05: Build Syntax for R:PDFSearch Plugin
SET VAR vPDFSearchString = +
('vSearchResult |FOLDER_NAME'&.vSearchFolderName& +
'|TEXT_TO_SEARCH'&.vSearchKeyword& +
'|SEARCH_TYPE KEYWORDS'& +
'|RESULT_TYPE FILE'& +
'|OUTPUT_FILE'&.vPDFSearchListFile& +
'|CASE_SENSITIVE OFF'& +
'|WHOLE_WORD OFF'& +
'|SHOW_PROGRESS ON'& +
'|FULL_PATH ON'& +
'|INCLUDE_SUBFOLDERS ON'& +
'|FILE_COUNT OFF')

CLS
PLUGINS RPDFSearch .vPDFSearchString

IF vSearchResult LIKE '-ERROR-%' THEN
    PAUSE 2 USING 'There is an -ERROR-.' +
    CAPTION ' R:PDFWorks' +
    ICON STOP BUTTON 'Press any key to continue ...' +
    OPTION BACK_COLOR WHITE +
    |MESSAGE_COLOR WHITE +
    |MESSAGE_FONT_COLOR RED +
    |BUTTON_COLOR WHITE +
    |BUTTON_FONT_COLOR GREEN
    GOTO Done
ENDIF

SET VAR vLaunchString = ('LAUNCH'&.vPDFSearchListFile+'|W')
&vLaunchString

LABEL Done
CLS
CLEAR VAR vCaption,vSearchKeyword,vSearchFolderName,vReturnKey,vDialogMessage, +
vPauseMessage,vCurrentDir,vPDFSearchListFile,vSearchResult,vPDFSearchString, +
vYesNo,vEndKey,vFileCountLength,vLines,vStringLength,vPDFDocument,vTotalDocuments, +
vChooseCaption,vPDFDocument,vLaunchString,iv%,vEndKey
RETURN

```

## 5.3 RPDFPassword

The R:PDFPassword portion of R:PDFWorks is command line support to password protect existing PDF documents.

### Syntax:

```
PLUGIN RPDFPassword 'vResult|<parameter value>'
```

### Notes:

- "vResult" is the variable which will return the resulting "OK" or "-ERROR-" message.
- Each parameter must be separated by a pipe "|" character.
- The file must be password protected already.
- The file must not be "in use" by another application.

**Parameters:**

Parameter	Values	Description
FILENAME	value	Specifies the PDF filename
OWNER_PASSWORD	value	Specifies the owner or master password for the document
USER_PASSWORD	value	Specifies the user password for the document
STRENGTH	40BIT - 40-bit encryption 128_RC4 - 128-bit RC4 encryption 128_AES - 128-bit AES encryption *	Specifies the strength of encryption to use
CAN_PRINT	ON OFF (default)	Specifies if the user can print the document
CAN_COPY	ON OFF (default)	Specifies if the user can copy text and graphics from the document
CAN_CHANGE	ON OFF (default)	Specifies if the user can edit the document
CAN_ADD_NOTES	ON OFF (default)	Specifies if the user can add annotations
CAN_FILL_FIELDS	ON OFF (default)	Specifies if the user can fill in form fields. Only works with 128-bit encryption.
CAN_COPY_ACCESS	ON OFF (default)	Specifies if the user can copy for use with accessibility features. Only works with 128-bit encryption.
CAN_ASSEMBLE	ON OFF (default)	Specifies if the user can assemble the document. Only works with 128-bit encryption.
CAN_PRINT_FULL	ON OFF (default)	Specifies if the user can only print low resolution copies of the document. Only works with 128-bit encryption.

\*(requires Acrobat 7 or later)

**Example:**

```

PLUGIN RPDFPassword vResult+
|FILENAME JamesPearson_080155274.PDF+
|OWNER_PASSWORD RoswellBanking +
|USER_PASSWORD FrontOffice +
|STRENGTH 128_RC4 +
|CAN_PRINT OFF +
|CAN_COPY ON +
|CAN_CHANGE OFF +
|CAN_ADD_NOTES OFF +
|CAN_FILL_FIELDS ON +
|CAN_COPY_ACCESS OFF +
|CAN_ASSEMBLE ON +
|CAN_PRINT_FULL OFF

```

**Part**



## 6 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**



## 7 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**



## 8 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).

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