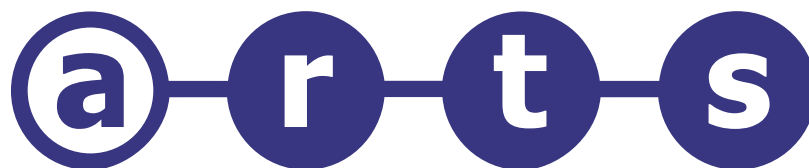


# ARTS PDF Stratify

Version 1.1



[www.artspdf.com](http://www.artspdf.com)

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## 2.0 Introduction

Welcome to layered documents with Adobe® Acrobat® and ARTS PDF Stratify™ from ARTS PDF™

ARTS PDF Stratify extends the usability of PDF documents by allowing for the creation and management of layers for such uses as versioning, multi-lingual publications, and multipurposing, to name but a few.

With Acrobat versions to date, there is no concept of layers. This effectively restricts document creators to making multiple different versions of a PDF for each need, or staying with a page layout application which supports layers.

ARTS PDF Stratify allows document creators flexibility in how they create and manage layers in PDF documents. For existing documents ARTS PDF Stratify provides an easy to use method for creating layers, selecting objects and adding them to layers. For new documents it provides an approach that allows multi-page documents to be converted to PDF, then “flattened” to as small as a single page with all of the document content on layers.

ARTS PDF believes that the use of layers in creator applications is widespread, and that users have long desired the ability to employ a similar level of functionality in Adobe Acrobat. Combining the benefits of the PDF format and ARTS PDF Stratify’s layer creation capabilities means that usage of PDF can be extended to encompass a wider range of applications and simplify document management.



This document contains information on both the **Macintosh** and **Windows** version of ARTS PDF Stratify. Wherever appropriate, the differences are clearly indicated.

## 3.0 ARTS PDF Stratify Setup

ARTS PDF Stratify adds another dimension to Adobe Acrobat and PDF pages – layers. ARTS PDF Stratify lets you control the creation and management of layers and their content. ARTS PDF Stratify is great for creating and maintaining different versions of the same document, multi-lingual work, localized price and product changes, ad insertion instructions, and other alternate content.

Create & name layers in PDF pages

- Show & hide layers
- Add objects to layer(s)
- Remove objects from layer(s)
- Merge, delete or rename layers
- Convert pages to layers
- Add a page as a layer
- Move objects forward, send back
- Lock layers
- Print exposed layers only
- Save – saves all layers, displays exposed layers
- Works with any Acrobat PDF page

## 3.1 System Requirements

### 3.1.1 Macintosh

- PowerMacintosh G3 or G4
- System 9.2 or 10.2 or higher
- Adobe ® Acrobat ® 5.05 or higher

### 3.1.2 Windows

- PC with Pentium processor
- Windows ® NT 4.0, Windows ® 2000 or Windows ® XP
- Adobe ® Acrobat ® 5.05 or higher



CAUTION: Any folders or files which are created during installation are required by Crackerjack. If you rename, move, or delete these folders the product will not work correctly or may not work at all.

## **3.2 Installation**

In addition to the User's Guide, the ARTS PDF Stratify folder contains other support files needed by ARTS PDF Stratify.

To validate the software's registration and/or to view the installation status, open Acrobat and view the "About Plug-Ins" box at the bottom of the Acrobat Help pulldown menu for "ARTS PDF Stratify...". The word "\*\*\*\*Unregistered\*\*\*\*" appears in the ARTS PDF Stratify "About" box when the version is not fully licensed. To validate your license, click on the "Register..." button, and then enter the serial number provided by ARTS PDF.


To deactivate the plug-in, move it and the ARTS PDF Stratify folder out of the Acrobat Plug-Ins folder before launching Acrobat.

## **3.3 Demo Mode**

When ARTS PDF Stratify is in demo mode it will notify the user that changes to the document cannot be saved. Otherwise, the demo version of ARTS PDF Stratify is identical to the licensed version.

## 4.0 Using ARTS PDF Stratify

### 4.1 Launching ARTS PDF Stratify

To use the software launch ARTS PDF Stratify using the  button on the Acrobat toolbar. ARTS PDF Stratify will then display its layers dialog box.

### 4.2 Usage Notes

Often designers create documents in layout applications, such as Quark Express, Adobe InDesign, or Adobe PageMaker, which include layered information. But how does one transfer this layered knowledge to a PDF document? The problem is that there is currently no support for layers in the PostScript files that Adobe Acrobat Distiller uses to create the PDF documents.

There are two basic ways to create layers using ARTS PDF Stratify. These are: 1.) In the layout application, output complete pages and use these when creating the PDF document. The PDF will have pages containing all the required objects. Then use ARTS PDF Stratify's "Layers" and "Elements" options to create layers and add objects to them, and 2.) Alternatively, from the layout application, you can output layers individually, distill, and combine into a single PDF document. Then, use ARTS PDF Stratify's "Convert pages to layers..." option to make a new page with layers.

It is recommended that significant amounts of new information can be added first to the document as a new PDF page, and then as a layer to a page using ARTS PDF Stratify's "Add page as layer..." function. For example, this might be appropriate when localized versions of new prices and alternate products are finalized, or when adding newspaper or magazine insertion instructions for ads based on layered PDF pages.

ARTS PDF Stratify will display all layers that are not hidden. When you save the PDF document, all the layer information and elements are included in the document. When you reopen the document, all of the non-hidden layers will display. When you print, all of the non-hidden layers will print. When you search the document, items on hidden layers may be found, but you will not see them. ARTS PDF Stratify must be used in order to access the layer information and manage which layers will be visible.

### 4.3 Preferences

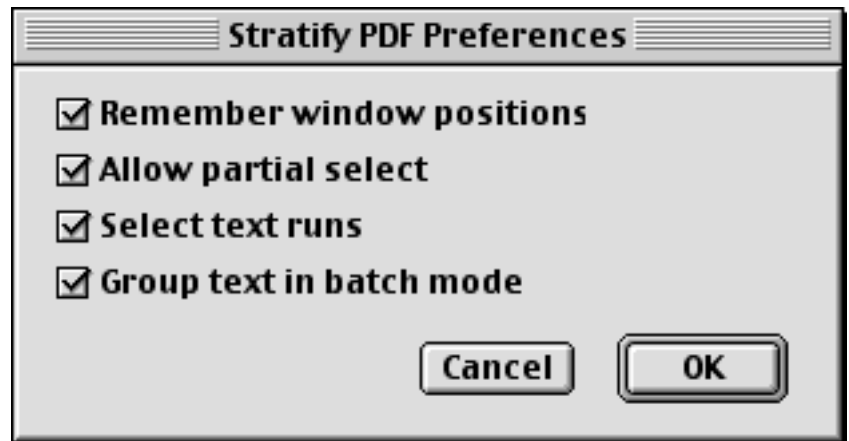
The preferences for ARTS PDF Stratify can be set using the standard Acrobat method of File -> Preferences -> ARTS PDF Stratify. After making changes in this window click "OK" to make them permanent. Clicking "Cancel" will return the preferences to the last values stored.

### 4.3.1 Remember window positions

When this option is checked the position of the ARTS PDF Stratify layer management window will be saved when you quit Acrobat. It will then open in the same position the next time Acrobat is launched.

### 4.3.2 Allow partial select

This determines whether objects will be selected when only a part of the image is touched by the ARTS PDF Stratify object select tool. If this is off (unchecked) the entire object must fall within the selection rectangle in order to be selected.



### 4.3.3 Select text runs

Acrobat returns all text in a stream that appears consecutively as a single text object. Each of these objects is divided up into things called text runs. "Select text runs" here means that when you select text objects you are actually selecting the text runs, instead of the whole object. This allows the user to assign the text runs of the text object to different layers. If this is not checked then the text object will be basically considered a single text object.

### 4.3.4 Group text in batch mode

Essentially "batch mode" for selecting text runs. When the "Convert pages to layers" is chosen from the ARTS PDF Stratify menu on the Acrobat toolbar this function determines whether text runs will be converted as a single text object or broken up into text runs. Unless there is a need to maintain the ability to select text as objects, it is very much desirable to do it this way.

## 4.4 The ARTS PDF Stratify Window

This window allows the user to create and manage layers with the current Acrobat document. On the Macintosh version the window may be resized vertically by clicking and holding with the mouse in the area between the layer list and the bottom of the window.

### 4.4.1 Layers

- **New...**

Clicking this button causes a new layer to be created. A dialogue box will appear with a fill-in field for the layer name.

- **Delete**

When an existing layer is selected, this button allows the user to delete the layer. When layers are deleted the objects within the layer remain in the document.

- **Merge...**

The user can select two or more layers then click this button to merge them into a single layer.

- **Security...**

This button is used to set a password for the document. The password is used to control the locking and unlocking of layers.

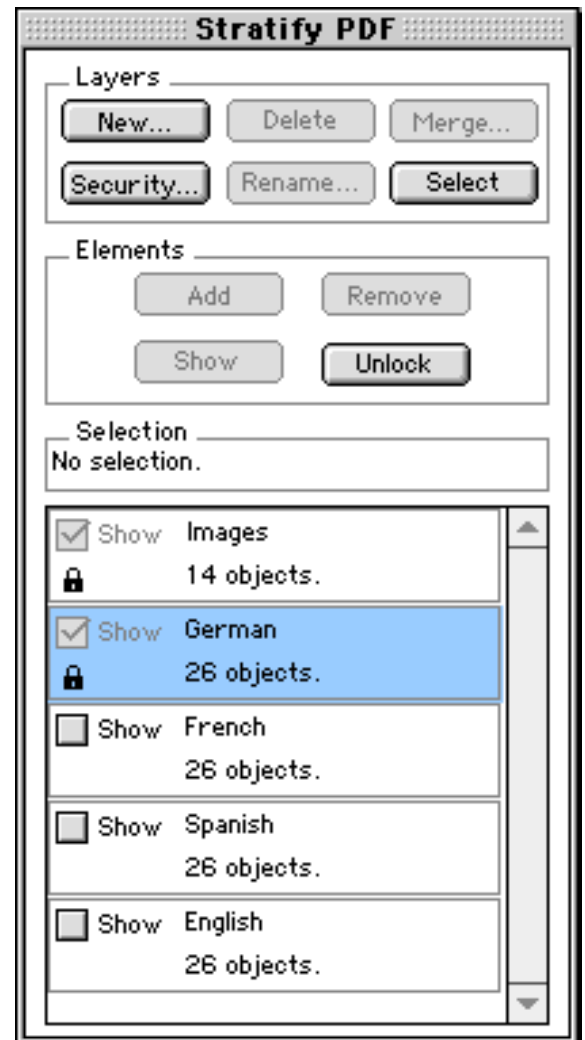
✉ Note: Setting security for layers does not affect overall document security. Document editing tools such as the Acrobat touch up tools or ARTS PDF ImageWorks can still be used to make changes to objects in the document. For complete document security use Acrobat's security features.

- **Rename...**

After selecting a layer this button allows the user to change the layer's name.

- **Select**

This button will cause all of the objects in currently highlighted layer(s) to be selected.





#### 4.4.2 Elements

- **Add**

After selecting objects on the page clicking this button will add those objects to the currently selected layer(s).

- **Remove**

After selecting objects on the page clicking this button will remove those objects from the currently selected layer(s).

- **Show/Hide**

When a layer is highlighted in the list window clicking this button will cause the currently selected layer(s) to either be displayed or removed from the Acrobat viewer. The button label will toggle between “Show” and “Hide” depending on the current state of the selected layer. If multiple layers are selected and one or more of them are hidden, the button will default to “Show”. Individual layers can also be shown or hidden by checking the box next to the layer name.


- **Lock/Unlock**

When a layer is highlighted in the list clicking this button will cause the currently selected layer(s) to be locked or unlocked. The button label will toggle between “Lock” and “Unlock” depending on the current state of the selected layer. If multiple layers are selected and one or more of them are locked, the button will default to “Unlock”.


#### 4.4.3 Selection

As objects are selected the display will change to show the total number of objects currently selected.

## 4.5 *Selecting Objects*

The ARTS PDF Stratify object selection tool  can be used to select objects to be added to a layer(s), removed from a layer(s), or manipulated using one of the forward/backward options from the ARTS PDF Stratify tools menu.

There are several methods for selecting objects. When an object is selected a dotted line will appear around it. As objects are selected the number of objects currently selected will appear in the ARTS PDF Stratify window in the “Selection” section.

-  Objects may be added to more than one layer. If an object is assigned to more than one layer and any of those layers are set to “Show” in the ARTS PDF Stratify window then the object will be displayed in the Acrobat viewer.

### 4.5.1 **Selecting Single Objects**

Simply click on an object in the PDF document to select it.

### 4.5.2 **Selecting Multiple Objects**

Multiple objects can be selected in two ways. One is to click on a single object, then hold down the “Shift” key while clicking on additional objects. The second method is to use “drag select”. This is done by moving the object selection tool onto the PDF page then dragging it to create a rectangle around all objects the user wishes to select.

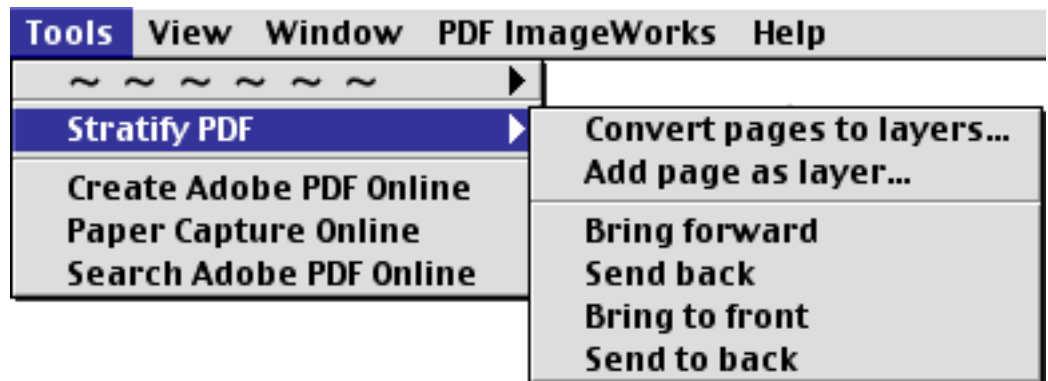
### 4.5.3 **Selecting “Stacked” Objects**

Occasionally smaller objects will appear “behind” larger objects making it difficult to select them. To select objects behind others hold down the “Command” key (**Macintosh**) or “Ctrl” key (**Windows**) while clicking on the desired object. If there are multiple smaller objects, holding down the “Command” / “Ctrl” key while clicking will cause the selection to cycle through all objects directly under the current cursor position.

## 4.6 ARTS PDF Stratify Tools

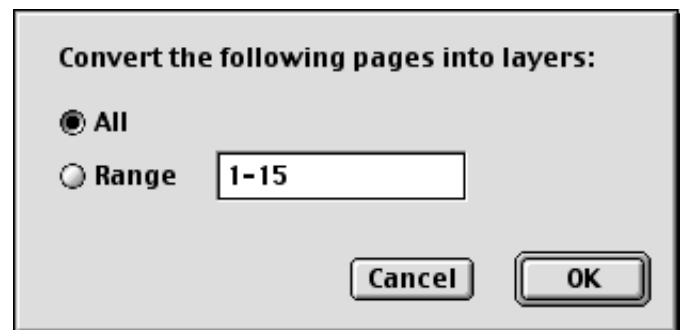
The “ARTS PDF Stratify” tools can be accessed from the Acrobat toolbar under Tools.

This list of tools gives the user various options for creating layers as well as managing the order in which objects appear on layers.



### 4.6.1 Convert pages to layers...

This function is very useful for such things as converting multiple pages to a single page with multiple layers. In this case each layer would contain all of the objects which were on the page it came from. When this function is used a new page will be created at the end of the current document and the layers will be added to this new page. The user can elect to convert all pages to layers, or a selected range of pages.

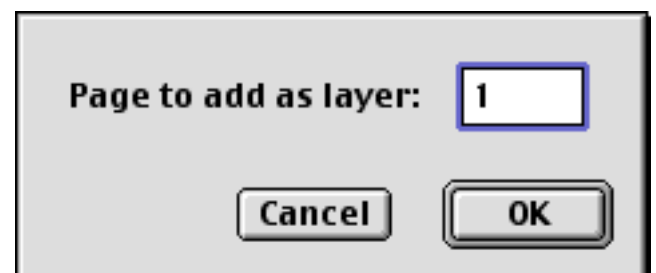


ARTS PDF Stratify supports non-contiguous and reverse order page ranges. For example: “pages 5-1” or “1-3,6-8,13”.

✉ Note: When pages are converted to layers the page layers will be “stacked” on the new page in the order they were converted. In other words, if the user selects a page range of 1-5, the objects from page 1 will be at the “bottom” of the stack of objects on the new layered page, followed by the objects from page 2 on top of them, etc.

### 4.6.2 Add page as layer...

Similar to “Convert pages to layers...”, this function allows the user to add an entire page as a new layer on the current page.



#### **4.6.3 Bring forward**

When an object(s) are selected using the ARTS PDF Stratify object select tool, selecting this function will cause the object(s) to move forward one level relative to other objects on the page.

#### **4.6.4 Send back**

When an object(s) are selected using the ARTS PDF Stratify object select tool, selecting this function will cause the object(s) to move backward one level relative to other objects on the page.

#### **4.6.5 Bring to front**

When an object(s) are selected using the ARTS PDF Stratify object select tool, selecting this function will cause the object(s) to move forward to the most forward level relative to other objects on the page.

#### **4.6.6 Send to back**

When an object(s) are selected using the ARTS PDF Stratify object select tool, selecting this function will cause the object(s) to move backward to the most backward level relative to other objects on the page.

## 5.0 Troubleshooting

Before contacting us please check the ARTS PDF Stratify conference at the ARTS PDF Forum on our web site at: <http://forum.artspdf.com>

If you have no luck there, please e-mail [techsupport@artspdf.com](mailto:techsupport@artspdf.com) and supply the information below to help us replicate the problem you are experiencing.

- a. The platform (Mac or Windows) you are using.
- b. The exact version of ARTS PDF Stratify you are using (this is located by running ARTS PDF Stratify, and then clicking Help → About Third-Party Plug-Ins → ARTS PDF Stratify). Please also specify whether you are using a demo or full registered version.
- c. The exact version of Adobe Acrobat you are using (this is located by running Adobe Acrobat, and then clicking Help → About Acrobat).
- d. The exact version of the Operating System you are using.
- e. A description of the expected behavior versus the actual behavior
- f. The minimum PDF file that exhibits the behavior.
- g. If applicable, please include the resultant PostScript file or a description of the output configuration (RIP model, PostScript interpreter version number, and output device model)

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### Feedback

If you have ideas and suggestions on how we could improve ARTS PDF Stratify, we would love to hear your thoughts. Please send them to [info@artspdf.com](mailto:info@artspdf.com)

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