

# Neevia PDF*resize*

user's manual  
version 3.3

<http://neeviaPDF.com/PDFresize>

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## Introduction

Neevia PDFresize is a software product that can be used to resize (scale or crop) PDF files. It comes as a command line tool, a graphic interface application, COM object and .NET assembly. Supported platforms are: Windows 98/NT/2000/XP/2003/Vista.

## Installing and Uninstalling Neevia PDFresize

Before installing and/or using this product, please make sure you have carefully read the copyright notice and agreed to all of its terms. If you have any questions about the licensing agreement, feel free to call (954) 981.9252 or send an email to [sales@neeviaPDF.com](mailto:sales@neeviaPDF.com).

### To install Neevia PDFresize:

download and save the [http://neeviapdf.com/prods/PDFresize\\_setup.exe](http://neeviapdf.com/prods/PDFresize_setup.exe) file onto your hard drive. After downloading the file, double-click on it and follow the instructions. The installation procedure automatically detects your operating system, copies the needed files into your system directory and installs Neevia PDFresize.

### Unattended installation:

To perform an unattended (silent) installation launch the PDFresize installer with **/sp /very silent /norestart** command line switches. Here is the full list of supported switches:

#### **/SP**

Disables the "This will install... Do you wish to continue?" prompt at the beginning of Setup.

#### **/SILENT, /VERYSILENT**

Instructs Setup to be silent or very silent. When Setup is silent the wizard and the background window are not displayed but the installation progress window is. When Setup is very silent the installation progress window is not displayed. For example error messages during installation are displayed and also the startup prompt (if you haven't disabled it with '/SP' command line option explained above). If a restart is necessary and the **'/NORESTART'** command is not used (see below) and Setup is silent, it will display a "Reboot now?" dialog. If it's very silent it will reboot without asking.

#### **/NOCANCEL**

Prevents the user from canceling during the installation process, by disabling the Cancel button and ignoring clicks on the close button. Useful along with /SILENT.

#### **/NORESTART**

Instructs Setup not to reboot even if it's necessary.

#### **/DIR="x:\dirname"**

Overrides the default directory name displayed on the Select Destination Directory wizard page. A fully qualified pathname must be specified.

#### **/GROUP="folder name"**

Overrides the default folder name displayed on the Select Start Menu Folder wizard page.

**/user="username", /company="company name", /serial="serial number"**

Use these switches to pass the registration info (username, company name and serial number) to the installer.

#### **To remove Neevia PDFresize from your computer:**

1. Select **Settings -> Control Panel** from the Start menu.
2. In the Control Panel click **Add/Remove programs** and select **Neevia PDFresize** from the applications list.
3. Click the **Add/Remove** button to remove the program. A confirmation prompt is displayed.

#### **Unattended uninstall:**

To perform an unattended (silent) uninstall, launch **unins000.exe** from the folder where the application has been installed with **/verysilent /norestart** command line switches. Here is the full list of supported switches:

#### **/SILENT, /VERYSILENT**

When specified, the uninstaller will not ask the user for startup confirmation or a message stating that uninstall is complete. Shared files that are no longer in use are deleted automatically without prompting. Any critical error messages will still be shown on the screen. When **'/VERYSILENT'** is specified, the uninstall progress window is not displayed. If a restart is necessary and the **'/NORESTART'** command isn't used (see below) and **'/VERYSILENT'** is specified, the uninstaller will reboot without asking.

#### **/NORESTART**

Instructs the uninstaller not to reboot even if it's necessary.

#### **How to register Neevia PDFresize**

After you downloaded the product run the installer and at the end of the process enter your registration info. If you do not have a serial number and simply want to test the product select Evaluate Product then click Finish. To register via the graphic interface run PDFresize.exe click About -> Register -> copy and paste your licensing info.

## Using the Command Line Interface to resize PDF files

By default, the PDFresize command line application is located in the c:\program files\neeviaPDF.com\PDFresize\cmdLine folder.

**Usage:** CLresize.exe <inputfile> [outputfile] [options]

<inputfile> PDF file to resize.

[outputfile] Output PDF file. If left blank it will be the same as the input file

### Supported Options

**-u <password>** User password to input PDF file

**-lin** Linearizes output PDF file

Example:

```
CLresize.exe c:\input.pdf c:\output.pdf -u password -lin
```

**-paper** Paper size to use for resizing. See [Appendix A](#) for a full list.

Example:

```
CLresize.exe c:\input.pdf c:\output.pdf -paper letter
```

**-orientation <value>** Page orientation

possible values:

0 - portrait(default)

1 - landscape

2 - auto

Example:

```
CLresize.exe c:\input.pdf c:\output.pdf -paper letter -orientation 1
```

**-w <value>** page width

**-h <value>** page height

**-units <value>** measurement units for page width / height

possible values:

1 - inches

2 - centimeters

3 - millimeters

4 - points (default)

Example:

```
CLresize.exe c:\input.pdf c:\output.pdf -w 10 -h 8 -units 1
```

**-scale** Scale page content

Example:

```
CLresize.exe c:\input.pdf c:\output.pdf -paper letter -scale
```

**-proportional** Constrain proportions when scaling

Example:

```
CLresize.exe c:\input.pdf c:\output.pdf -paper letter -scale -proportional
```

**-pos** Place the original page content in:

possible values:

**center**

**left-bottom**

**right-bottom**

**left-top**

**right-top**

**left-center**

**right-center**

**center-top**

**center-bottom**

Example:

```
CLresize.exe c:\input.pdf c:\output.pdf -paper letter -pos center
```

## Encryption settings:

- owner** <value> Owner password to use for encrypting output PDF file
- user** <value> User password to use for encrypting output PDF file
- rc4** Uses 128 bits RC4 encryption for encrypting output file
- aes** Uses 128 bits AES encryption for encrypting output file
- aes256** Uses 256 bits AES encryption for encrypting output file
- nometa** Does not encrypt PDF Metadata
- perms** <value> PDF security permissions to use for encrypting output file flags:
  - p - document printing is denied
  - c - changing the document is denied
  - s - selection and copying of text and graphics is denied
  - a - adding or changing annotations or form fields is denied
 The following flags are defined for 128 bits encryption:
  - i - disables editing of form fields
  - e - disables extraction of text and graphics
  - d - disables document assembly
  - q - disables high quality printing

## Example:

```
CLresize.exe c:\input.pdf c:\output.pdf -paper letter -owner test -aes -perms pcs
```

- title** <value> Sets output PDF file title to <value>
- author** <value> Sets output PDF file author to <value>
- creator** <value> Sets output PDF file creator to <value>
- subject** <value> Sets output PDF file subject to <value>
- keywords** <value> Sets output PDF file keywords to <value>

## Example:

```
CLresize.exe c:\input.pdf c:\output.pdf -paper letter -title "Daily Report"
```

- openmagn** <value> Sets open magnification (in %) for output PDF file

- openpage** <value> Sets open page for output PDF file

## Example:

```
CLresize.exe c:\input.pdf c:\output.pdf -paper letter -openmagn 50 -openpage 1
```

- pm** <value> Specifies how output file should be displayed when opened in PDF viewer.

## Possible values:

- 0 - Default view
- 1 - Page only
- 2 - Outlines (bookmarks) visible
- 3 - Thumbnail images visible
- 4 - Optional content group panel visible
- 5 - Attachments panel visible

## 6 - Full screen mode

**-pl <value>** Specifies page layout to use when output file is opened in PDF viewer.

Possible values:

- 1 - Displays one page at a time (default)
- 2 - Displays the pages in one column
- 3 - Displays the pages in two columns, with odd numbered pages on the left
- 4 - Displays the pages in two columns, with odd numbered pages on the right
- 5 - Displays the pages two at a time, with odd numbered pages on the left
- 6 - Displays the pages two at a time, with odd numbered pages on the right

Example:

```
CLresize.exe c:\input.pdf c:\output.pdf -paper letter -pm 2 -pl 1
```

**-hidemenubar** Specifies if PDF viewer should hide menu bar when output file is displayed

**-hidetoolbar** Specifies if PDF viewer should hide toolbar when output file is displayed

**-hidewindowui** Specifies if PDF viewer should hide user interface elements when output file is displayed

**-fitwindow** Specifies if PDF viewer should resize the document's window to fit the size of the first displayed page

**-centerwindow** Specifies if PDF viewer should position the document's window in the center of the screen

Example:

```
CLresize.exe c:\input.pdf c:\output.pdf -paper letter -hidetoolbar -hidemenubar
```

## Using the COM Interface to resize PDF files

### Class ID

**Neevia.PDFresize**

### Example:

**Visual Basic:** `Set NVresize = CreateObject("Neevia.PDFresize")`

**Delphi:** `NVresizes := CreateOLEObject("Neevia.PDFresize")`

## Using the .NET assembly to resize PDF files

To use the PDFresize.NET interface for resizing PDF files, in Visual Studio go Project -> Add Reference ->.NET and select **PDFresizeNET** from the list. After this:

**Visual Basic:** `Dim NVresize As New Neevia.PDFresize`

**Visual C#:** `Neevia.PDFresize NVresize = new Neevia.PDFresize();`

## Properties

### version

Returns the PDFresize version

### Syntax

`value = NVresize.version`

Data Type: String

### Linearize

Specifies whether the resized PDF file should be linearized (optimized for fast Web View).

Possible values: **true**, **false** (Default value: false)

### Syntax

`NVresize.Linearize = value`

Data Type: Boolean

### PDFPassword

Specifies the open password to use when resizing an encrypted PDF file.

### Syntax

`NVresize.PDFPassword = value`

Data Type: String

### Pages

Pages to be resized. Can be a number or several numbers divided by comma. Use 0 to resize from current to last page.

### Syntax

`NVresize.Pages = value`

Data Type: String

### Paper

Paper size to use for resizing. See [Appendix A](#) for a full list.

### Syntax

`NVresize.Paper = value`

Data Type: String

**Orientation**

Page orientation. Possible values: 0 - portrait (default) 1 - landscape 2 - auto

**Syntax**

**NVresize.Orientation = value**

Data Type: Integer

**PageWidth**

Specifies the page width.

**Syntax**

**NVresize.PageWidth = value**

Data Type: Float

**PageHeight**

Specifies the page height.

**Syntax**

**NVresize.PageHeight = value**

Data Type: Float

**Units**

Measurement units to use for page width / page height.

Possible values:

- 1 - Inches
- 2 - Centimeters
- 3 - Millimeters
- 4 - Points (default)

**Syntax**

**NVresize.Units = value**

Data Type: Integer

**Scale**

Specifies whether to scale the page content when resizing.

**Syntax**

**NVresize.Scale = value**

Data Type: Boolean

**ConstrainProportions**

Specifies whether to constrain proportions when scaling page content.

**Syntax**

**NVresize.ConstrainProportions = value**

Data Type: Boolean

## Position

Specifies where to position the original page content in the resized document.

Possible values: "center", (center the content on page)  
"left-bottom", (place in the left - bottom corner)  
"right-bottom", (place in the right - bottom corner)  
"left-top", (place in the left - top corner)  
"right-top", (place in the right - top corner)  
"left-center", (place vertically centered, at the left side of the page)  
"right-center", (place vertically centered, at the right side of the page)  
"center-top", (place horizontally centered, at the top of the page)  
"center-bottom". (place horizontally centered, at the bottom of the page)

## Syntax

**NVresize.Position = value**

Data Type: String

## ***PDF Encryption related properties***

### **PDFEncrypt**

Specifies whether the output PDF file should be encrypted.

Possible values: **true**, **false** (Default value: false)

#### **Syntax**

**NVresize.PDFEncrypt = value**

### **PDFEncryptMetaData**

Specifies whether the metadata in the output PDF file should be encrypted.

Possible values: **true**, **false** (Default value: true)

#### **Syntax**

**NVresize.PDFEncrypt = value**

### **PDFEncryptionType**

Specifies the encryption algorithm

Possible values: **"40"**, (low - 40 bits RC4 encryption - Acrobat 3-and-later compatible)

**"rc4"**, (high - 128 bits RC4 encryption - Acrobat 5-and-later compatible)

**"aes"**, (high - 128 bits AES encryption - Acrobat 6-and-later compatible)

**"aes"**, (high - 128 bits AES encryption - Acrobat 6-and-later compatible)

**"aes256"**, (high - 256 bits AES encryption - Acrobat 9-and-later compatible)

#### **Syntax**

**NVresize.PDFEncryptionType = value**

Data Type: String

*Note: Will have effect only if PDFEncrypt = true.*

### **PDFUserPassword**

Sets the user password in the output document. Users will be asked to enter this password before Acrobat Reader allows them to view the document.

#### **Syntax**

**NVresize.PDFUserPassword = value**

Data Type: String

*Note: Will have effect only if PDFEncrypt = true.*

### **PDFOwnerPassword**

Sets the output document owner password. This option will force the user of the PDF to enter a password before Acrobat Reader allows them to change the user password and security permissions.

#### **Syntax**

**NVresize.PDFOwnerPassword = value**

Data Type: String

*Note: Will have effect only if PDFEncrypt = true.*

## PDFPermissions

PDF security permissions to use for encrypting output file. Possible values:

- p - document printing is denied
- c - changing the document is denied
- s - selection and copying of text and graphics is denied
- a - adding or changing annotations or form fields is denied

The following flags are defined for 128 bits encryptions:

- i - disables editing of form fields
- e - disables extraction of text and graphics
- d - disables document assembly
- q - disables high quality printing

### Syntax

**NVresize.PDFPermissions = value**

Data Type: String

Example:

**NVresize.PDFPermissions = "pcsaiedq"**

## ***PDF Initial View & Metadata related properties***

### **DocumentTitle**

Sets the output document Title field.

#### **Syntax**

**NVresize.DocumentTitle = value**

Data Type: String

### **DocumentSubject**

Sets the output document Subject field.

#### **Syntax**

**NVresize.DocumentSubject = value**

Data Type: String

### **DocumentAuthor**

Sets the output document Author field.

#### **Syntax**

**NVresize.DocumentAuthor = value**

Data Type: String

### **DocumentKeywords**

Sets the output document Keywords field.

#### **Syntax**

**NVresize.DocumentKeywords = value**

Data Type: String

### **PageMode**

Specifies how output file should be displayed when opened in PDF viewer. Possible values:

- 0 - Default view
- 1 - Page only
- 2 - Outlines (bookmarks) visible
- 3 - Thumbnail images visible
- 4 - Optional content group panel visible
- 5 - Attachments panel visible
- 6 - Full screen mode

#### **Syntax**

**NVresize.PageMode = value**

Data Type: Long

### **PageLayout**

Specifies page layout to use when output file is opened in PDF viewer. Possible values:

- 1 - Displays one page at a time (default)
- 2 - Displays the pages in one column
- 3 - Displays the pages in two columns, with odd numbered pages on the left
- 4 - Displays the pages in two columns, with odd numbered pages on the right
- 5 - Displays the pages two at a time, with odd numbered pages on the left
- 6 - Displays the pages two at a time, with odd numbered pages on the right

#### **Syntax**

**NVresize.PageLayout = value**

Data Type: Long

### OpenMagnification

Specifies the open magnification (in %) for output PDF file. Default value: 100

#### Syntax

**NVresize.OpenMagnification = value**

Data Type: Long

### OpenAtPage

Specifies the open page for output PDF file. Default value: 1 (first page)

#### Syntax

**NVresize.OpenAtPage = value**

Data Type: Long

### FitWindow

Specifies if PDF viewer should resize the document's window to fit the size of the first displayed page.

Possible values: **true, false**

#### Syntax

**NVresize.FitWindow = value**

Data Type: Boolean

### CenterWindow

Specifies if PDF viewer should position the document's window in the center of the screen.

Possible values: **true, false**

#### Syntax

**NVresize.CenterWindow = value**

Data Type: Boolean

### HideMenuBar

Specifies if Acrobat Reader should hide the menu bar when displaying the output PDF document.

Possible values: **true, false**

#### Syntax

**NVresize.HideMenuBar = value**

Data Type: Boolean

### HideToolBar

Specifies if Acrobat Reader should hide the toolbar when displaying the output PDF document.

Possible values: **true, false**

#### Syntax

**NVresize.HideToolBar = value**

Data Type: Boolean

### HideWindowUI

Specifies if Acrobat Reader should hide the user interface when displaying the output PDF document.

Possible values: **true, false**

#### Syntax

**NVresize.HideWindowUI = value**

Data Type: Boolean

## Methods

### ResizePDF

Resizes the specified PDF file.

#### Syntax

```
Res = NVresize.ResizePDF( fileToResize, outputFile )
```

#### Parameters

**fileToResize** - PDF file to resize.

**outputFile** - output PDF file name.

#### Example

```
Res = NVresize.ResizePDF("c:\input.pdf", "c:\out.pdf")
```

#### Remarks

Res<>0 on error

#### Return codes

0 - Success

-1 - General resizing error

-109 - Input PDF has no pages (most likely a corrupt PDF file)

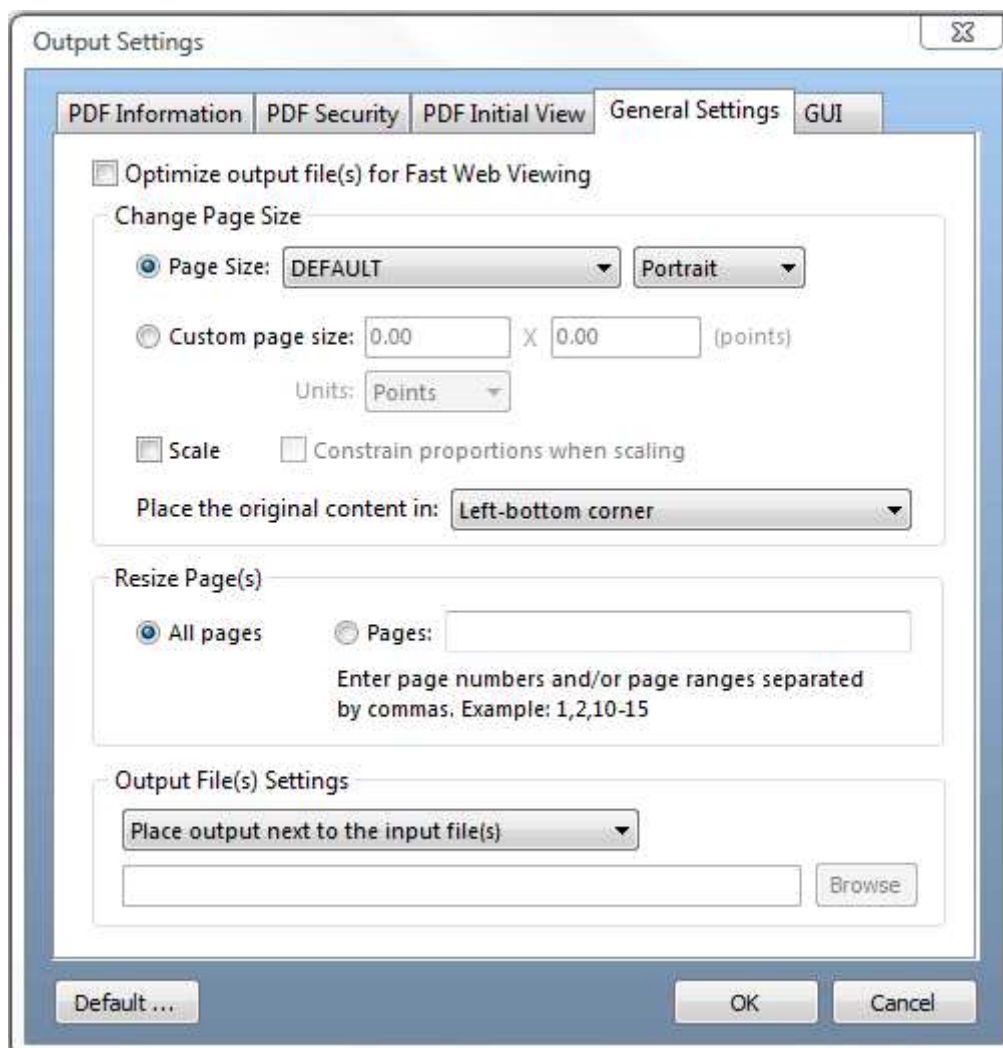
-200 ... -299 - these error codes are related to the input PDF parsing process (most likely the input PDF file is corrupted or has syntax errors);

-300 ... -399 - these error codes are related to the output PDF creation process (most likely the user account PDFresize is called from doesn't have write permissions to the destination folder).



## Output Settings

Before resizing PDF files you need to specify the output settings. To do that click on the Settings button. The interface below will be displayed:



## General Settings

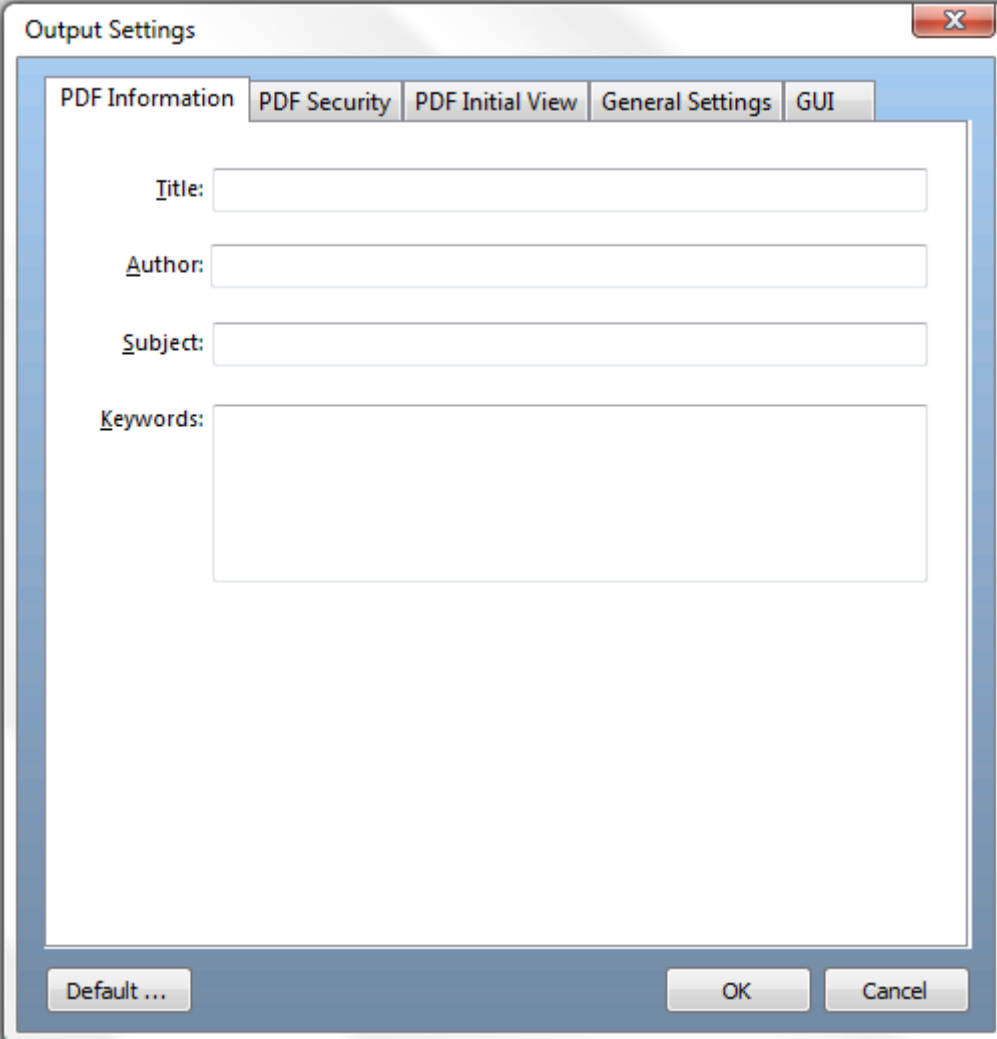
In this window you can specify what settings to be used during the file resizing process.

- **Optimize output file(s) for Fast Web Viewing** - this option restructures the resulting PDF document for page-at-a-time downloading (byte-serving) which is especially important with large documents that can take a long time to download from a server.
- **Change page size** - this allows you to select the page size and orientation for the PDF document(s) you want to resize. In case you would like to define your own page size check *Custom Page Size* and enter your values for height and width specifying also the measurement units. Check *Scale* to scale the page content. Make sure that *Constrain proportions when scaling* is checked in case you would like to maintain the original proportions between the new page dimensions and content
- **Resize page(s)** - select *All pages* to resize the entire file or *Pages* to resize specific pages or page ranges. Enter page numbers and/or page ranges separated by comma. Ex: 1,2, 10-15.

**Output File(s) Settings** - this allows you to specify where the resized file to be placed, which can be next to input file(s) or in a selected folder. In case you would like to replace the original file simply select *Replace input file(s)*.

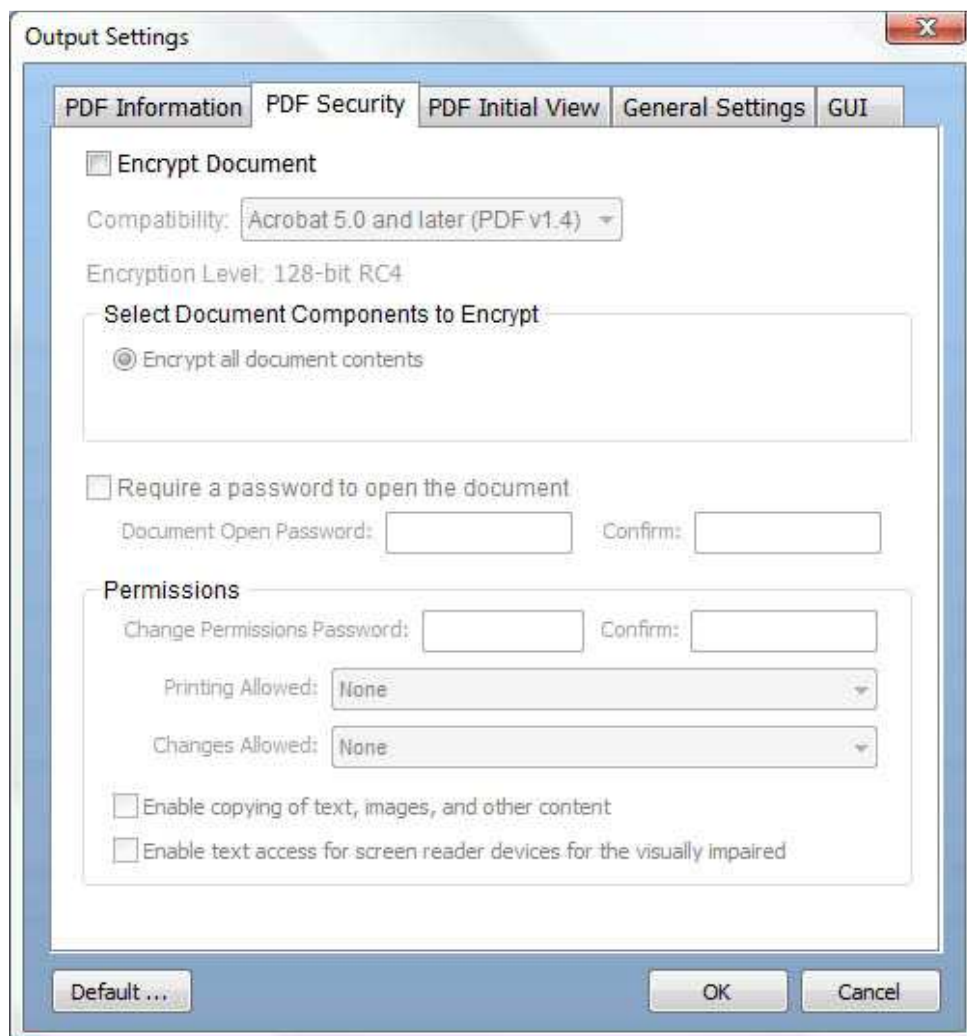
## PDF Information

It allows you to specify Title, Author, Subject and Keywords for the resized file(s).



The image shows a screenshot of the 'Output Settings' dialog box. The dialog has a title bar with a close button (X) in the top right corner. Below the title bar, there are five tabs: 'PDF Information', 'PDF Security', 'PDF Initial View', 'General Settings', and 'GUI'. The 'PDF Information' tab is currently selected. Inside the dialog, there are four input fields: 'Title:', 'Author:', 'Subject:', and 'Keywords:'. The 'Keywords:' field is a larger text area. At the bottom of the dialog, there are three buttons: 'Default ...', 'OK', and 'Cancel'.

## PDF Security



To encrypt the output PDF file(s), check **Encrypt Document** then select the encryption level from the Compatibility drop down box. There are 4 options:

- Acrobat 3.0 and later (PDF 1.2) enables 40 bit RC4 encryption (weak - not recommended)
- Acrobat 5.0 and later (PDF 1.4) enables 128 bit RC4 encryption
- Acrobat 6.0 and later (PDF 1.5) enables 128 bit RC4 encryption
- Acrobat 7.0 and later (PDF 1.6) enables 128 bit AES encryption
- Acrobat 9.0 and later (PDF 1.7) enables 256 bit AES encryption

### Encrypt All Document Contents

When you select this option both the document and document metadata will be encrypted. Search engines will not be able to access the document metadata when this option is used.

### Encrypt All Document Contents Except Metadata

It is valid for Acrobat 6 and later. Only the content of a PDF document will be encrypted. Metadata remains fully accessible for search engines.

### Require a Password to Open the Document

This allows you to set a password for opening the encrypted PDF.

### Change Permissions Password

This password prevents users from changing the permission settings. The user can view the file in Acrobat Reader but must enter the specified Permissions password in order to change the file's Security and Permissions settings.

### Permissions

**Printing Allowed** - Specifies the level of printing that users are allowed for the PDF document.

Possible values:

**None** - Disables printing.

**Low Resolution (150 dpi)** - Users can print but the resolution will not be higher than 150-dpi. Each page is printed as a bitmap image which may cause files to print at a slower speed. To make this option available set the Compatibility option to Acrobat 5 (PDF 1.4) or later.

**High Resolution** - Allow users to print at any resolution. PostScript and other printers that come with high-quality printing features can be used.

**Changes Allowed** - Enables the editing actions that are allowed in the PDF document. Possible values:

**None** - when selected none of the changes listed in Changes Allowed drop down box, such as filling in form fields and adding comments are permitted.

**Inserting, Deleting, And Rotating Pages** - allows users to insert, delete, and rotate pages. Also bookmarks and thumbnails creation are permitted. This option works only for high (128-bit RC4 or AES) encryption.

**Filling in Form Fields and Signing Existing Signature Fields** - when selected users can fill in forms and add digital signatures. Adding comments or creating form fields is not permitted. This option works only for high (128-bit RC4, AES or AES256) encryption.

**Commenting, Filling In Form Fields and Signing Existing Signature Fields** - users are allowed to add comments, digital signatures and fill in forms. Moving page objects or create form fields is not permitted.

**Page Layout, Filling in Form Fields and Signing** - users can insert, rotate or delete pages and create bookmarks or thumbnail images, fill out forms, and add digital signatures. Creating form fields is not permitted. This option works only for low (40-bit RC4) encryption.

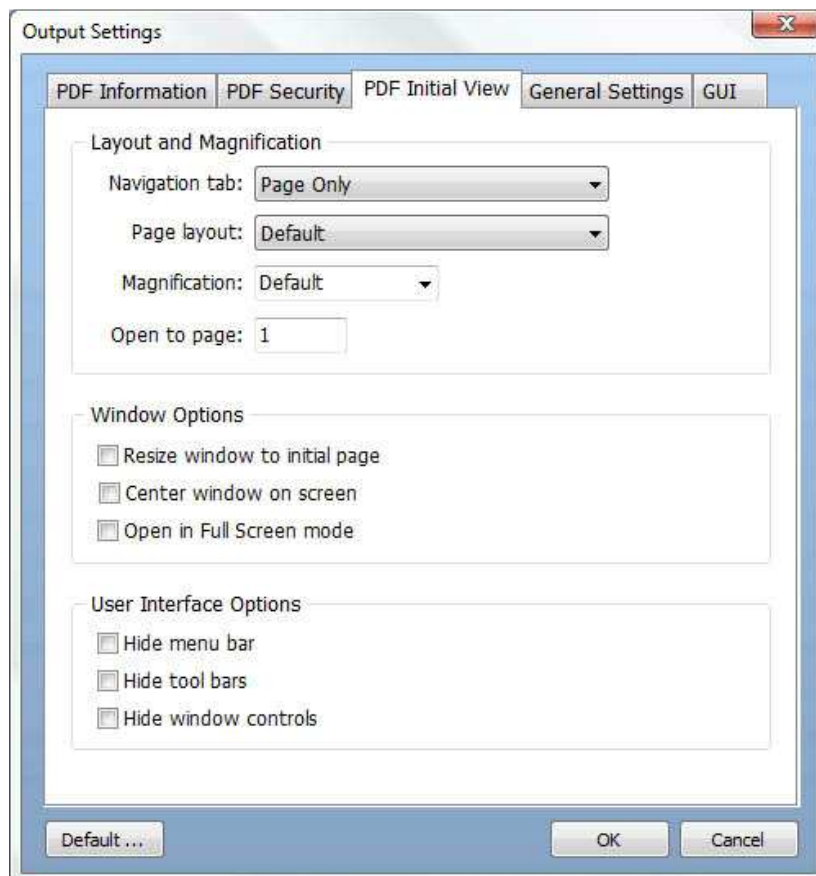
**Any Except Extracting Pages** - allows users to edit the document, create and fill in form fields, add comments and digital signatures.

**Enable Copying of Text, Images, and Other Content** - allows users to select and copy the contents of a PDF.

**Enable Text Access For Screen Reader Devices For The Visually Impaired** - when selected visually impaired users can read the document with screen readers. It doesn't allow users to copy or extract the document's contents. This option works only for high (128-bit RC4, AES or AES256) encryption.

## PDF Initial View

In this window you can set the PDF Initial View options:



**Navigation Tab** - specifies which panels are displayed in the PDF viewer navigation pane.

**Page Layout** - specifies how document pages are arranged.

**Magnification** - use this to select at what zoom level the document will appear when opened.

**Open To Page** - specifies the page that appears when the PDF document opens.

**Window Options** - these options allow you to specify how the PDF viewer window adjusts in the screen area when a PDF document is opened.

**Resize Window To Initial Page** - adjusts the document window to fit snugly around the opening page, taking into account the options that you selected under Document Options.

**Center Window On Screen** - instructs the PDF viewer to position the window in the center of the screen area.

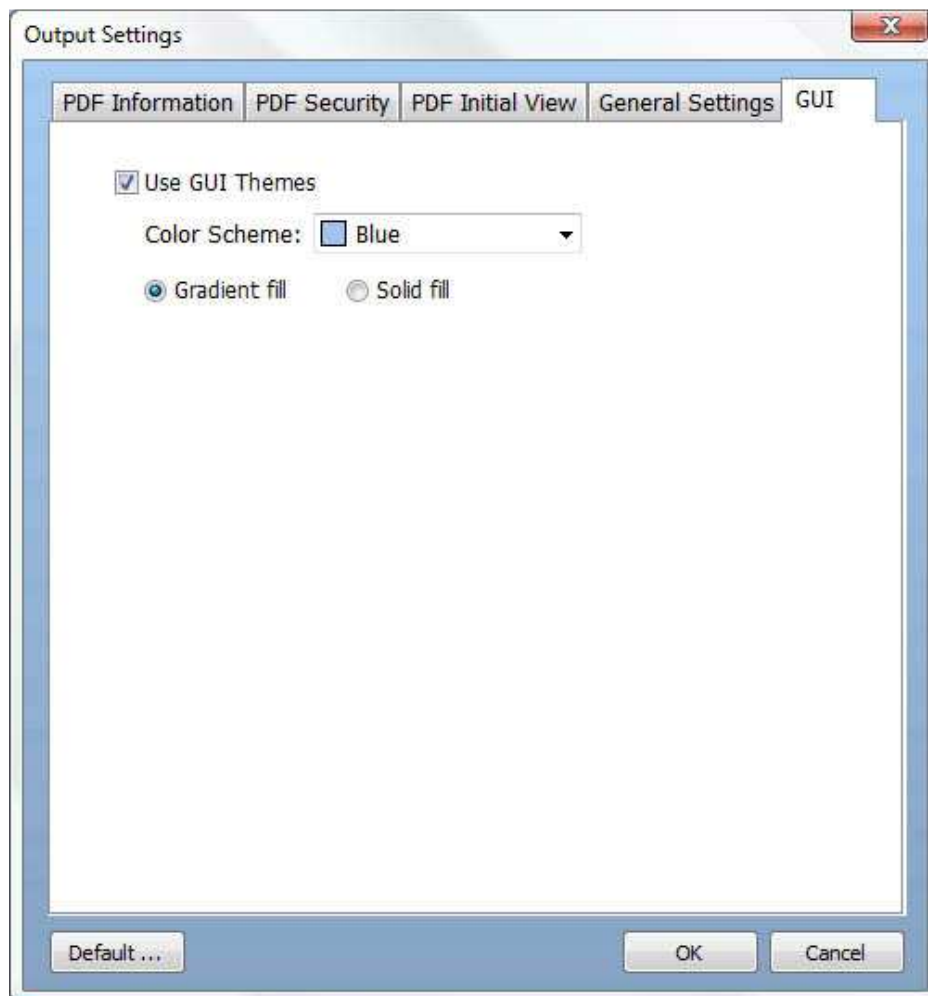
**Open In Full Screen Mode** - maximizes the document window and displays the document without the menu bar, toolbar, or window controls.

### User Interface Options

These options allow you to specify which parts of the PDF viewer interface - the menu bar, the toolbars, and the window controls - are hidden.

*Note: take into account that if you hide the menu bar and toolbars users cannot apply commands and select tools unless they know the keyboard shortcuts.*

## GUI - Graphic User Interface



In this window you can select the Graphic User Interface themes. Check Use GUI Themes to enable the Color Scheme. Once that is enabled check either Gradient fill or Solid fill to specify how the color will be displayed.

## CODE SAMPLES

For a full and updated list of PDFresize code samples please visit <http://neeviaPDF.com/support/examples/PDFresize/>

### Example 1vb. Resize a PDF file (Visual Basic)

```
Dim NVresize : Set NVresize = CreateObject("Neevia.PDFresize")

NVresize.Paper = "letter"
NVresize.Orientation = 2

Dim retVal : retVal = NVresize.ResizePDF("c:\in.pdf","c:\out.pdf")
If retVal <> 0 Then
    MsgBox("Error code=" & CStr(retVal))
Else
    MsgBox("Done")
End If
```

### Example 1delphi. Resize a PDF file (Delphi)

```
procedure TForm1.Button1Click(Sender: TObject);
var
    NVresize : Variant;
    retVal : Integer;
begin
    NVresize := CreateOleObject('Neevia.PDFresize');

    NVresize.Paper := 'letter';
    NVresize.Orientation := 2;

    retVal := NVresize.ResizePDF('c:\in.pdf', 'c:\out.pdf');
    if retVal <> 0 then
        Application.MessageBox(PChar('Error code=' + IntToStr(retVal)), '', 0)
    else
        Application.MessageBox('Done', '', 0);
end;
```

## APPENDIX A. Predefined paper sizes

LETTER - 8.5"x11"  
LETTER SMALL - 8.5"x11"  
TABLOID - 11"x17"  
LEDGER - 17"x11"  
LEGAL - 8.5"x14"  
STATEMENT - 5.5"x8.5"  
EXECUTIVE - 7.3"x11"  
A3 - 12"x17"  
A4 - 8.3"x12"  
A4 SMALL - 8.3"x12"  
A5 - 5.8"x8.3"  
B4 - 10"x14"  
B5 - 7.2"x10"  
FOLIO - 8.5"x13"  
QUARTO - 8.5"x11"  
10 X 14 - 10"x14"  
11 X 17 - 11"x17"  
NOTE - 12"x11"  
ENVELOPE 9 - 3.8"x8.8"  
ENVELOPE 10 - 4.2"x9.1"  
ENVELOPE 11 - 4.1"x10"  
ENVELOPE 12 - 4.3"x11"  
ENVELOPE 14 - 5"x11"  
C SHEET - 8.3"x12"  
D SHEET - 8.3"x12"  
E SHEET - 8.3"x12"  
ENVELOPE DL - 4.3"x8.7"  
ENVELOPE C5 - 6.4"x9"  
ENVELOPE C3 - 13"x18"  
ENVELOPE C4 - 9"x13"  
ENVELOPE C6 - 4.5"x6.4"  
ENVELOPE C65 - 4.5"x9"  
ENVELOPE B4 - 9.8"x14"  
ENVELOPE B5 - 6.9"x9.8"  
ENVELOPE B6 - 6.9"x4.9"  
ENVELOPE ITALY - 4.3"x9.1"  
ENVELOPE MONARCH - 3.9"x7.5"  
ENVELOPE PERSONAL - 3.6"x6.1"  
FANFOLD US - 15"x11"  
FANFOLD STD GERMAN - 8.1"x12"  
FANFOLD LGL GERMAN - 8.1"x13"  
ISO B4 - 9.8"x14"  
JAPANESE POSTCARD - 3.9"x5.8"  
9 X 11 - 9"x11"  
10 X 11 - 10"x11"

15 X 11 - 15"x11"  
ENVELOPE INVITE - 8.7"x8.7"  
RESERVED 48 - 8.3"x12"  
RESERVED 49 - 8.3"x12"  
LETTER EXTRA - 9.3"x13"  
LEGAL EXTRA - 9.3"x15"  
TABLOID EXTRA - 12"x18"  
A4 EXTRA - 9.3"x13"  
LETTER TRANSVERSE - 8.3"x11"  
A4 TRANSVERSE - 8.3"x12"  
LETTER EXTRA TRANSVERSE - 9.3"x12"  
A PLUS - 8.9"x14"  
B PLUS - 12"x19"  
LETTER PLUS - 8.9"x13"  
A4 PLUS - 8.3"x13"  
A5 TRANSVERSE - 5.8"x8.3"  
B5 TRANSVERSE - 7.2"x10"  
A3 EXTRA - 13"x18"  
A5 EXTRA - 6.8"x9.3"  
B5 EXTRA - 7.9"x11"  
A2 - 17"x23"  
A3 TRANSVERSE - 12"x17"  
A3 EXTRA TRANSVERSE - 8.3"x17"  
DBL JAPANESE POSTCARD - 7.9"x5.8"  
A6 - 4.1"x5.8"  
JENV KAKU2 - 8.3"x12"  
JENV KAKU3 - 8.3"x12"  
JENV CHOU3 - 8.3"x12"  
JENV CHOU4 - 8.3"x12"  
LETTER ROTATED - 11"x8.5"  
A3 ROTATED - 17"x12"  
A4 ROTATED - 12"x8.3"  
A5 ROTATED - 8.3"x5.8"  
B4 JIS ROTATED - 14"x10"  
B5 JIS ROTATED - 10"x7.2"  
JAPANESE POSTCARD ROTATED - 5.8"x3.9"  
DBL JAPANESE POSTCARD ROTATED - 5.8"x7.9"  
A6 ROTATED - 5.8"x4.1"  
JENV KAKU2 ROTATED - 8.3"x12"  
JENV KAKU3 ROTATED - 8.3"x12"  
JENV CHOU3 ROTATED - 8.3"x12"  
JENV CHOU4 ROTATED - 8.3"x12"  
B6 JIS - 5"x7.2"  
B6 JIS ROTATED - 7.2"x5"  
12X11 - 12"x11"  
JENV YOU4 - 8.3"x12"  
JENV YOU4 ROTATED - 8.3"x12"

P16K - 5.8"x8.5"  
P32K - 3.8"x5.9"  
P32KBIG - 3.8"x5.9"  
PENV 1 - 4"x6.5"  
PENV 2 - 4"x6.9"  
PENV 3 - 4.9"x6.9"  
PENV 4 - 4.3"x8.2"  
PENV 5 - 4.3"x8.7"  
PENV 6 - 4.7"x9.1"  
PENV 7 - 6.3"x9.1"  
PENV 8 - 4.7"x12"  
PENV 9 - 9"x13"  
PENV 10 - 13"x18"  
P16K ROTATED - 8.5"x5.8"  
P32K ROTATED - 5.9"x3.8"  
P32KBIG ROTATED - 5.9"x3.8"  
PENV 1 ROTATED - 6.5"x4"  
PENV 2 ROTATED - 6.9"x4"  
PENV 3 ROTATED - 6.9"x4.9"  
PENV 4 ROTATED - 8.2"x4.3"  
PENV 5 ROTATED - 8.7"x4.3"  
PENV 6 ROTATED - 9.1"x4.7"  
PENV 7 ROTATED - 9.1"x6.3"  
PENV 8 ROTATED - 12"x4.7"  
PENV 9 ROTATED - 13"x9"  
PENV 10 ROTATED - 18"x13"  
A0 - 33"x47"  
A1 - 23"x33"  
ANSI C - 17"x22"  
ANSI D - 22"x34"  
ANSI E - 34"x44"  
ARCH A - 9"x12"  
ARCH B - 12"x18"  
ARCH C - 18"x24"  
ARCH D - 24"x36"  
ARCH E - 36"x48"  
ARCH E1 - 30"x42"