Neevia PDFmerge/split

user's manual
version 3.5

(http://neeviaPDF.com/PDFmerge)

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Introduction

Neevia PDFmerge/split is a software product that can be used to merge/split 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/Win 7/Win 2008 32 and 64 bit.

With PDFmerge/split you can:

- Merge several PDF files into one file
- Merge a specified range of pages
- Create bookmarks for each input PDF
- Remove text annotations
- Remove PDF forms
- Encrypt output PDF
- Linearize (optimize for Fast Web View) output PDF
- Set document information (Title, Author, etc)
- Set the open action
- Split a PDF file into parts with a specified number of pages
- Split a PDF file into parts according to bookmarks
- Restrict splitting to a specific bookmark level

Installing and Uninstalling Neevia PDFmerge/split

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.

To install Neevia PDFmerge/split:

download and save the http://neeviaPDF.com/prods/PDFmerge_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 PDFmerge/split.

Unattended installation:
To perform an unattended (silent) installation launch the PDFmerge/split 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. Everything else is normal so for example error messages during installation are displayed and the startup prompt is (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 PDFmerge/split from your computer:

1. Select **Settings -> Control Panel** from the Start menu.

2. In the Control Panel click **Add/Remove programs** and select **Neevia PDFmerge/split** 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 display 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 PDFmerge/split

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 PDFmerge.exe click About -> Register -> copy and paste your licensing info.

PDFmerge command line interface (CLmerge.exe)

By default, PDFmerge command line executable (CLmerge.exe) is located in the c:\program files\ neeviaPDF.com\PDFmerge\cmdLine folder.

Usage: CLmerge.exe "<inputfile1 + ... + inputfileN>" "<outputfile>" [options]

"<inputfile1(pages) + ... + inputfileN(pages)>" PDF files to merge
(pages) Page(s) to be merged - can be a number or several numbers divided by comma. Use 0 (zero) to merge from current to last page.

<outputfile> Output (merged) PDF file

Example: CLmerge.exe "c:\file1.pdf(4,6,1,10,0)+c:\file2.pdf" c:\merged.pdf

Supported Options

-u <password> open password to input PDF file

-forms removes forms from output PDF file

-layers removes layers from output PDF file

-labels remove page labels from output PDF file

-annotations removes text annotations from output PDF file

-createnew creates bookmarks from input file names

-createpage creates pages level bookmarks

-bookmarks creates bookmarks in the merged PDF by importing them from a text file.
Example:
CLmerge.exe "c:\file1.pdf+c:\file2.pdf" c:\out.pdf **-createnew -forms**

-lin Linearize (Optimize for Fast Web View) output PDF file
Example:
CLmerge.exe "c:\file1.pdf+c:\file2.pdf" c:\out.pdf **-lin**

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:
CLmerge.exe "c:\file1.pdf+c:\file2.pdf" c:\out.pdf **-owner test -aes -perms pcs**

Document Info settings

-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:
CLmerge.exe "c:\file1.pdf+c:\file2.pdf" c:\out.pdf **-title "Daily Report"**

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

-openpage <value> sets open page for output PDF file

Example:
CLmerge.exe "c:\file1.pdf+c:\file2.pdf" c:\out.pdf **-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:
CLmerge.exe "c:\file1.pdf+c:\file2.pdf" c:\out.pdf **-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:
CLmerge.exe "c:\file1.pdf+c:\file2.pdf" c:\out.pdf **-hidetoolbar -hidemenubar**

PDFsplit command line interface (CLsplit.exe)

By default, PDFsplit command line executable (CLsplit.exe) is located in the c:\program files\ neeviaPDF.com\PDFmerge\cmdLine folder.

Usage: CLsplit.exe <inputfile> <outputpath> [options]

Supported Options

-u <password> open password to input PDF file

-p <value> splits PDF by every <value> pages
<value> can be a number or a list of numbers (ex. 5,1,3)

Example:
CLsplit.exe "c:\input.pdf" c:\ **-p 2**

-b splits PDF based on bookmarks (if present)

-bl <value> restricts processing to a specific bookmark level
(-bl option can only be used in combination with -b option)

-bn names output files according to bookmark titles
(-bn option can only be used in combination with -b option)

Example:
CLsplit.exe "c:\input.pdf" c:\ **-b -bl 1**

-forms removes forms from output PDF files

-layers removes layers from output PDF files

-labels removes page labels from output PDF files

-outlines removes outlines (bookmarks) from output PDF files

-annotations removes annotations from output PDF files

Example:
CLsplit.exe "c:\input.pdf" c:\ **-outlines**

-lin linearizes (also called Optimize for Fast Web View) output PDF files

Example:
CLsplit.exe "c:\input.pdf" c:\ **-lin**

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:
CLsplit.exe "c:\input.pdf" c:\ **-owner test -aes -perms pcs**

Document Info settings

-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:
CLsplit.exe "c:\input.pdf" c:\ **-title "Daily Report"**

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

-openpage <value> sets open page for output PDF file

Example:
CLsplit.exe "c:\input.pdf" c:\ **-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:
CLsplit.exe "c:\input.pdf" c:\ **-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:
CLsplit.exe "c:\input.pdf" c:\ **-hidetoolbar -hidemenubar**

Using the COM interface to merge PDF files

Class ID

Neevia.PDFmerge

Example:

Visual Basic: `Set NVmerge = CreateObject("Neevia.PDFmerge")`

Delphi: `NVmerge := CreateOLEObject("Neevia.PDFmerge")`

Using the .NET assembly to merge PDF files

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

Visual Basic: `Dim NVmerge As New Neevia.PDFmerge`

Visual C#: `Neevia.PDFmerge NVmerge = new Neevia.PDFmerge();`

Properties:

version

Returns the PDFmerge version.

Syntax

`value = NVmerge.version`

Data Type: String

Linearize

Specifies whether the merged PDF file should be linearized (Optimized for fast Web View).

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

Syntax

`NVmerge.Linearize = value`

Data Type: Boolean

CreateNewBookmarks

Specifies whether to create a bookmark entry for each input file name.

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

Syntax

`NVmerge.CreateNewBookmarks = value`

Data Type: Boolean

CreatePageBookmarks

Specifies whether to create a bookmark entry for each page in the merging files.

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

Syntax

`NVmerge.CreatePageBookmarks = value`

Data Type: Boolean

BookmarksFile
Specifies whether to create bookmarks in the merged PDF by importing them from a text file.
Syntax
NVmerge.BookmarksFile = value
Data Type: String

removeAnnotations
Specifies whether to remove text annotations from the merged PDF file.
Possible values: **true**, **false** (Default value: false)
Syntax
NVmerge.removeAnnotations = value
Data Type: Boolean

removeAcroForms
Specifies whether to remove PDF forms from the merged PDF file.
Possible values: **true**, **false** (Default value: false)
Syntax
NVmerge.removeAcroForms = value
Data Type: Boolean

removePageLabels
Specifies whether to remove page labels from the merged PDF file.
Possible values: **true**, **false** (Default value: false)
Syntax
NVmerge.removePageLabels = value
Data Type: Boolean

removeLayers
Specifies whether to remove layers from the merged PDF file.
Possible values: **true**, **false** (Default value: false)
Syntax
NVmerge.removeLayers = value
Data Type: Boolean

removeArticleThreads
Specifies whether to remove article threads from the output PDF file(s).
Possible values: **true**, **false** (Default value: false)
Syntax
NVmerge.removeArticleThreads = value
Data Type: Boolean

PDF Encryption related properties

PDFEncrypt
Specifies whether the output PDF file should be encrypted.
Possible values: **true**, **false** (Default value: false)
Syntax
NVmerge.PDFEncrypt = value

PDFEncryptMetaData
Specifies whether the metadata in the output PDF file should be encrypted.
Possible values: **true**, **false** (Default value: true)
Syntax
NVmerge.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)
"**aes256**" (high - 256 bits AES encryption - Acrobat 9-and-later compatible)
Syntax
NVmerge.PDFEncryptionType = value
Data Type: String
Note: Will have effect only if PDFEncrypt = true.

PDFUserPassword
Set 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
NVmerge.PDFUserPassword = value
Data Type: String
Note: Will have effect only if PDFEncrypt = true.

PDFOwnerPassword
Set 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
NVmerge.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
NVmerge.PDFPermissions = value
Data Type: String

Example:
NVmerge.PDFPermissions = "pcsaiedq"

PDF Initial View & Metadata related properties

DocumentTitle
Set the output document Title field.
Syntax
NVmerge.DocumentTitle = value
Data Type: String

DocumentSubject
Set the output document Subject field.
Syntax
NVmerge.DocumentSubject = value
Data Type: String

DocumentAuthor
Set the output document author field.
Syntax
NVmerge.DocumentAuthor = value
Data Type: String

DocumentKeywords
Set the output document keywords field.
Syntax
NVmerge.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
NVmerge.PageMode = value
Data Type: Long

PageLayout
Specifies page layout to use when output file is opened in PDF viewer. Possible values:
- **1** - Display one page at a time (default)
- **2** - Display the pages in one column
- **3** - Display the pages in two columns, with odd numbered pages on the left
- **4** - Display the pages in two columns, with odd numbered pages on the right
- **5** - Display the pages two at a time, with odd numbered pages on the left
- **6** - Display the pages two at a time, with odd numbered pages on the right

Syntax
NVmerge.PageLayout = value
Data Type: Long

OpenMagnification
Specifies the open magnification (in %) for output PDF file. Default value: 100
Syntax
NVmerge.OpenMagnification = value
Data Type: Long

OpenAtPage
Specifies the open page for output PDF file. Default value: 1 (first page)
Syntax
NVmerge.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
NVmerge.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
NVmerge.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
NVmerge.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
NVmerge.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
NVmerge.HideWindowUI = value
Data Type: Boolean

Methods

MergePDF

Merge the specified PDF files.

Syntax

Res = NVmerge.MergePDF(filesToMerge, outputFile)

Parameters

filesToMerge - input PDF files (PDF files to merge) - file names must be separated by +.
outputFile - output PDF file name.

Example

Res = NVmerge.MergePDF("c:\file1.pdf+c:\file2.pdf", "c:\out.pdf")

Remarks

Res<>0 on error

Using the COM interface to split PDF files

Class ID

Neevia.PDFsplit

Example:

Visual Basic: `Set NVsplit = CreateObject("Neevia.PDFsplit")`

Delphi: `NVsplit := CreateOLEObject("Neevia.PDFsplit")`

Using the .NET assembly to split PDF files

To use the PDFsplit .NET interface for splitting PDF files, in Visual Studio go Project -> Add Reference ->.NET and select **PDFmergeNET** from the list (PDFsplit.NET and PDFmerge.NET intrerfaces are located in the same file). After this:

Visual Basic: `Dim NVsplit As New Neevia.PDFsplit`

Visual C#: `Neevia.PDFsplit NVmerge = new Neevia.PDFsplit();`

Properties

version

Returns the PDFsplit version

Syntax

`value = NVsplit.version`

Data Type: String

PDFPassword

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

Syntax

`NVsplit.PDFPassword = value`

Data Type: String

Linearize

Specifies whether the split PDF file(s) should be linearized (Optimized for fast Web View).

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

Syntax

`NVsplit.Linearize = value`

Data Type: Boolean

pages

Split PDF by every <value> pages. Can be a number or a list of numbers separated by comma (ex. 5,1,3)

Syntax

`NVsplit.pages = value`

Data Type: String

splitByBookmarks

Specifies whether to split the input PDF according to bookmarks.

Syntax

`NVsplit.splitByBookmarks = value`

Data Type: Boolean

BkLevel
Specifies the lowest bookmark level to split by. Default value: 1
Syntax
NVsplit.BkLevel = value
Data Type: Integer
*Note: will have effect only if **splitByBookmarks** = true*

nameByBk
Specifies whether to name output PDF file(s) according to bookmark titles.
Possible values: **true**, **false** (Default value: false)
Syntax
NVsplit.nameByBk = value
Data Type: Boolean
*Note: will have effect only if **splitByBookmarks** = true*

removeAnnotations
Specifies whether to remove text annotations from the output PDF file(s).
Possible values: **true**, **false** (Default value: false)
Syntax
NVsplit.removeAnnotations = value
Data Type: Boolean

removeAcroForms
Specifies whether to remove PDF forms from the output PDF file(s).
Possible values: **true**, **false** (Default value: false)
Syntax
NVsplit.removeAcroForms = value
Data Type: Boolean

removePageLabels
Specifies whether to remove page labels from the output PDF file(s).
Possible values: **true**, **false** (Default value: false)
Syntax
NVsplit.removePageLabels = value
Data Type: Boolean

removeLayers
Specifies whether to remove layers from the output PDF file(s).
Possible values: **true**, **false** (Default value: false)
Syntax
NVsplit.removeLayers = value
Data Type: Boolean

removeArticleThreads
Specifies whether to remove article threads from the output PDF file(s).
Possible values: **true**, **false** (Default value: false)
Syntax
NVsplit.removeArticleThreads = value
Data Type: Boolean

PDF Encryption related properties

PDFEncrypt
Specifies whether the split PDF file(s) should be encrypted.
Possible values: **true**, **false** (Default value: false)
Syntax
NVsplit.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)
"**aes256**" (high - 256 bits AES encryption - Acrobat 9-and-later compatible)
Syntax
NVsplit.PDFEncryptionType = value
Data Type: String
Note: Will have effect only if PDFEncrypt = true.

PDFEncryptMetaData
Specifies whether the metadata in the output PDF file(s) should be encrypted.
Possible values: **true**, **false** (Default value: true)
Syntax
NVsplit.PDFEncrypt = value

PDFUserPassword
Set the user password in the output document(s). Users will be asked to enter this password before Acrobat Reader will allow them to view the document.
Syntax
NVsplit.PDFUserPassword = value
Data Type: String
Note: Will have effect only if PDFEncrypt = true.

PDFOwnerPassword
Set the output document(s) 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
NVsplit.PDFOwnerPassword = value
Data Type: String
Note: Will have effect only if PDFEncrypt = true.

PDFPermissions
PDF security permissions to use for encrypting output file(s). 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
NVsplit.PDFPermissions = value
Data Type: String

Example:
NVsplit.PDFPermissions = "pcsaiedq"

PDF Initial View & Metadata related properties

DocumentTitle
Sets the output document(s) Title field.
Syntax
NVsplit.DocumentTitle = value
Data Type: String

DocumentSubject
Sets the output document(s) Subject field.
Syntax
NVsplit.DocumentSubject = value
Data Type: String

DocumentAuthor
Sets the output document(s) Author field.
Syntax
NVsplit.DocumentAuthor = value
Data Type: String

DocumentKeywords
Sets the output document(s) Keywords field.
Syntax
NVsplit.DocumentKeywords = value
Data Type: String

PageMode
Specifies how output file(s) 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
NVsplit.PageMode = value
Data Type: Long

PageLayout
Specifies page layout to use when output file is opened in PDF viewer. Possible values:
- **1** - Display one page at a time (default)
- **2** - Display the pages in one column
- **3** - Display the pages in two columns, with odd numbered pages on the left
- **4** - Display the pages in two columns, with odd numbered pages on the right
- **5** - Display the pages two at a time, with odd numbered pages on the left
- **6** - Display the pages two at a time, with odd numbered pages on the right

Syntax
NVsplit.PageLayout = value
Data Type: Long

OpenMagnification
Specifies the open magnification (in %) for output PDF file(s). Default value: 100
Syntax
NVsplit.OpenMagnification = value
Data Type: Long

OpenAtPage
Specifies the open page for output PDF file(s). Default value: 1 (first page)
Syntax
NVsplit.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
NVsplit.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
NVsplit.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
NVsplit.HideMenuBar = value
Data Type: Boolean

HideToolbar
Specifies if Acrobat Reader should hide the toolbar when displaying the output PDF document(s).
Possible values: **true**, **false**
Syntax
NVsplit.HideToolbar = value
Data Type: Boolean

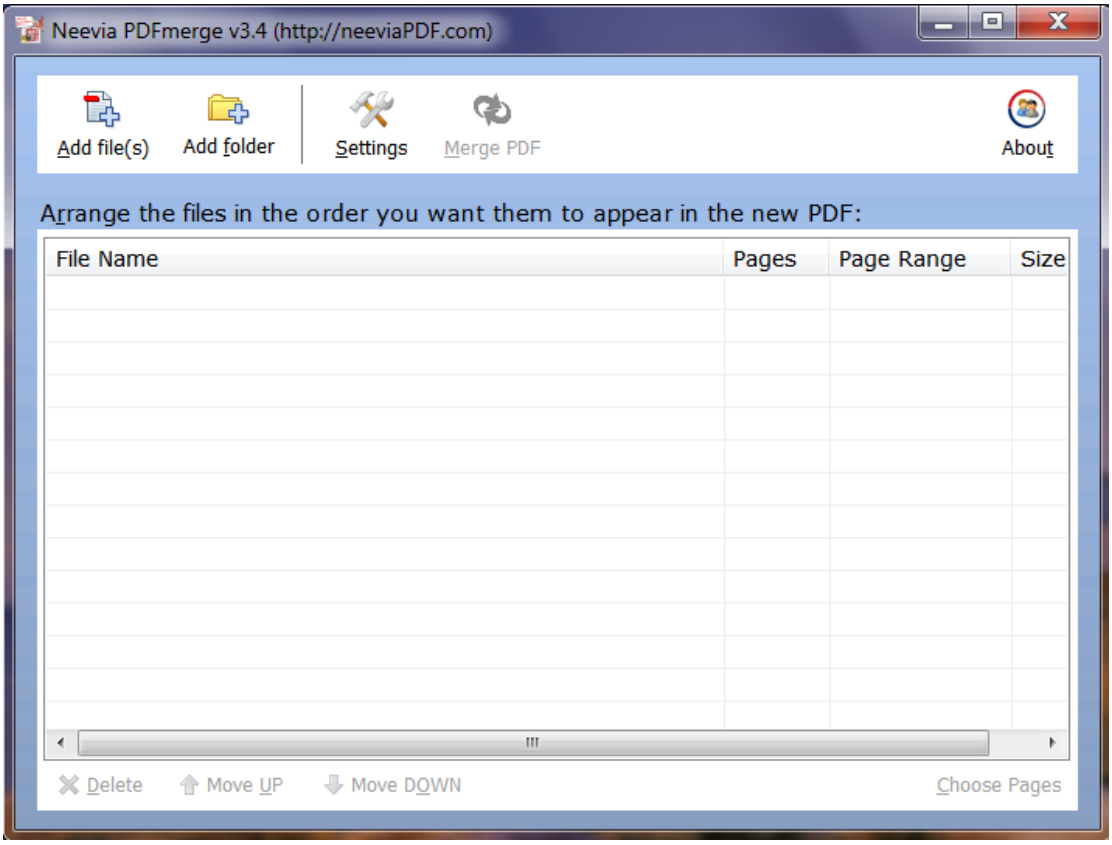
HideWindowUI
Specifies if Acrobat Reader should hide the user interface when displaying the output PDF document.
Possible values: **true**, **false**
Syntax
NVsplit.HideWindowUI = value
Data Type: Boolean

Methods

SplitPDF
Splits the specified PDF file.
Syntax
Res = NVsplit.SplitPDF(fileToSplit, outputPath)
Parameters
fileToSplit - PDF file to split.
outputPath - output folder.
Example
Res = NVsplit.SplitPDF("c:\input.pdf", "c:\")
Remarks
Res<>0 on error

Using the graphic interface to merge PDF files

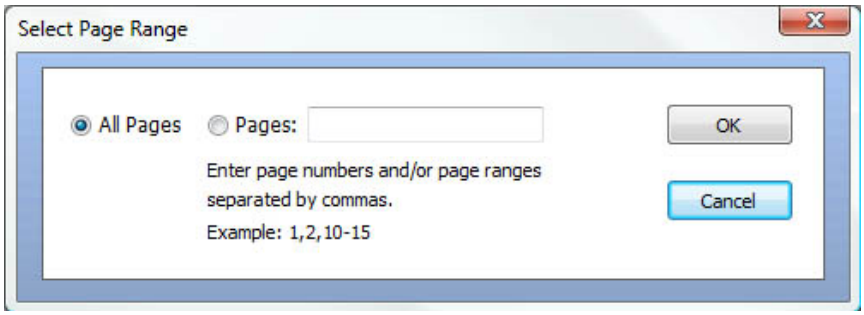
In order to merge files using the graphic interface you need to execute PDFmerge.exe located, by default, in the c:\program files\neeviaPDF.com\PDFmerge\apps folder.



Click **Add files** to select the PDF files to be merged. In case you want to merge all PDF files in a folder simply click the **Add folder** button to select the folder.

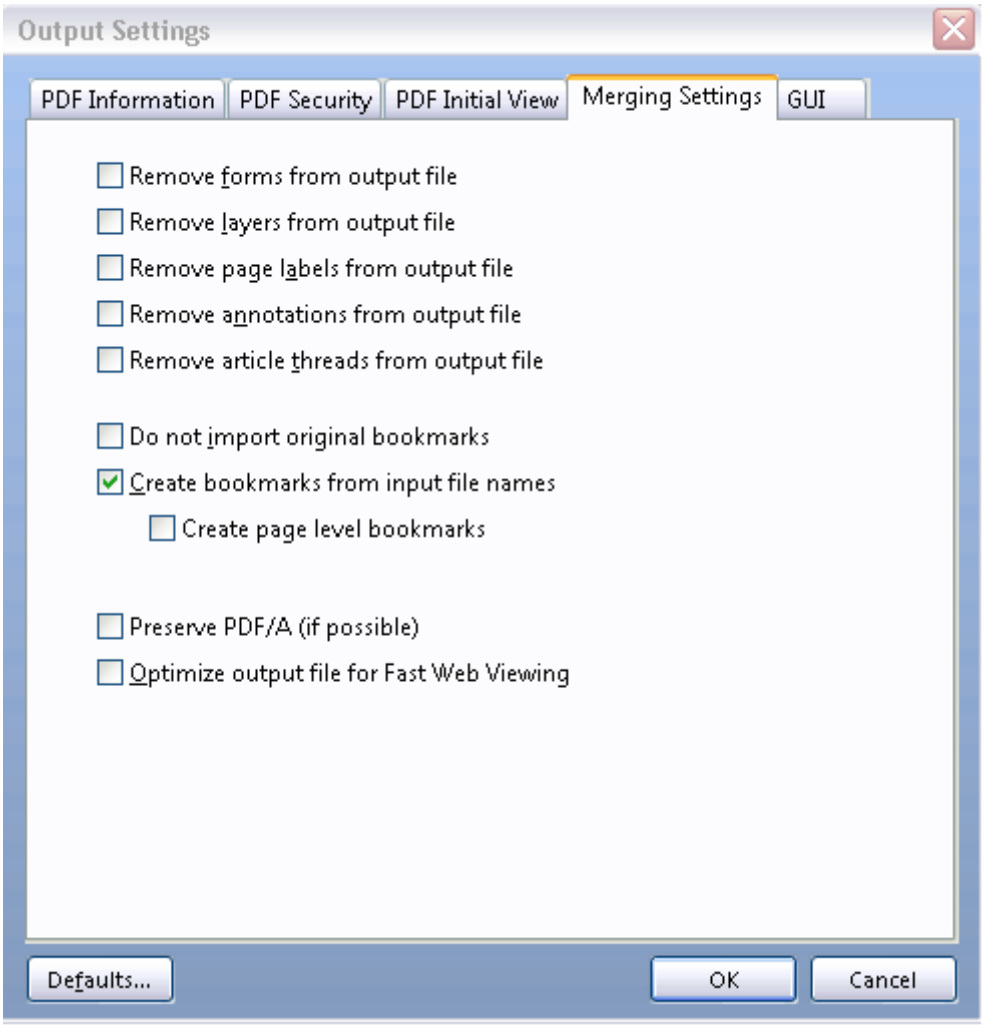
To specify the merging order, select your files and use the Move up, Move down buttons. In case you want to remove a file from the merging list select the file and click Delete.

You also have the option to specify which pages to be merged from one or more files by clicking the *Choose Pages* button and selecting either *All Pages* or page numbers and/or page ranges separated by commas.



Output Settings

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



Merging Settings

Do not import original bookmarks - use this to remove the original bookmarks.

Create bookmarks from input file names - when this option is checked the application will add a bookmark entry for each input file name.

Create page level bookmarks – resulting PDF will contain a bookmark entry for each page in the merging files.

Optimize output file for Fast Web viewing - this option restructures the resulting PDF document for page-at-a-time downloading (byte-serving). This is especially important with large documents that can take a long time to download from a server.

PDF Information

In this window you can specify Title, Author, Subject and Keywords for the merged file.

PDF Security

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

a. Acrobat 3.0 and later (PDF 1.2) enables 40 bit RC4 encryption (weak - not recommended)
b. Acrobat 5.0 and later (PDF 1.4) enables 128 bit RC4 encryption
c. Acrobat 6.0 and later (PDF 1.5) enables 128 bit RC4 encryption
d. Acrobat 7.0 and later (PDF 1.6) enables 128 bit AES encryption
e. 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 accesible 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 - allows 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, AES or AES256) 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.

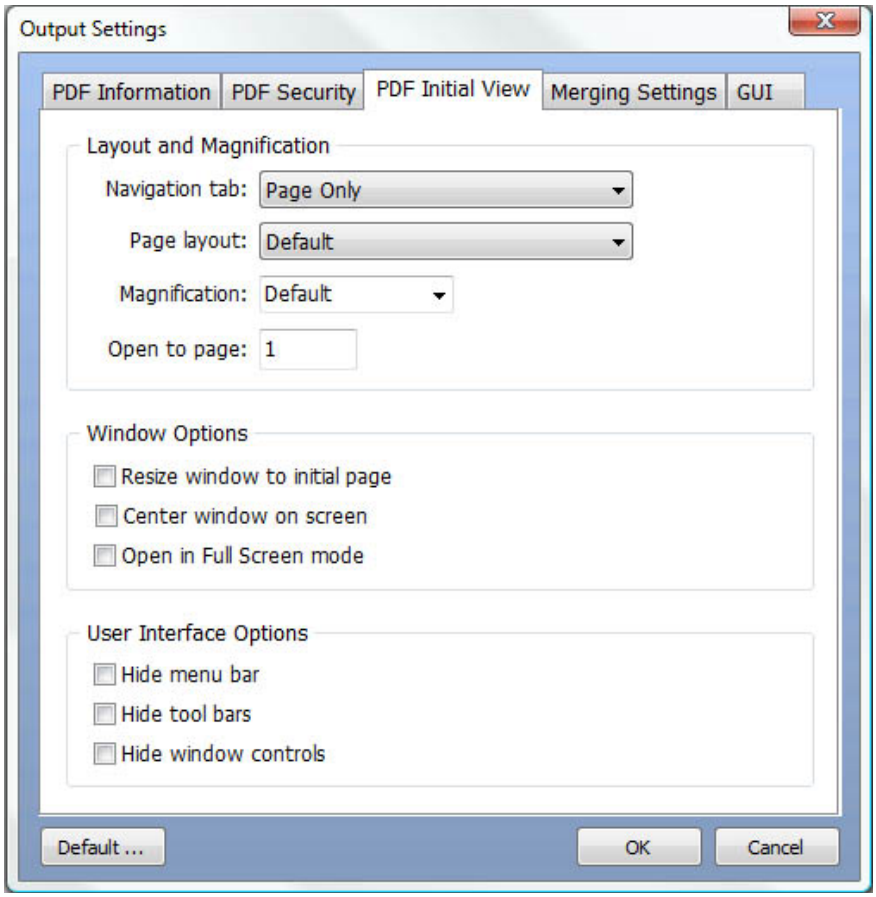
Any Except Extracting Pages - allows users to edit the document, create and fill in form fields, add comments and digital signatures.

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.

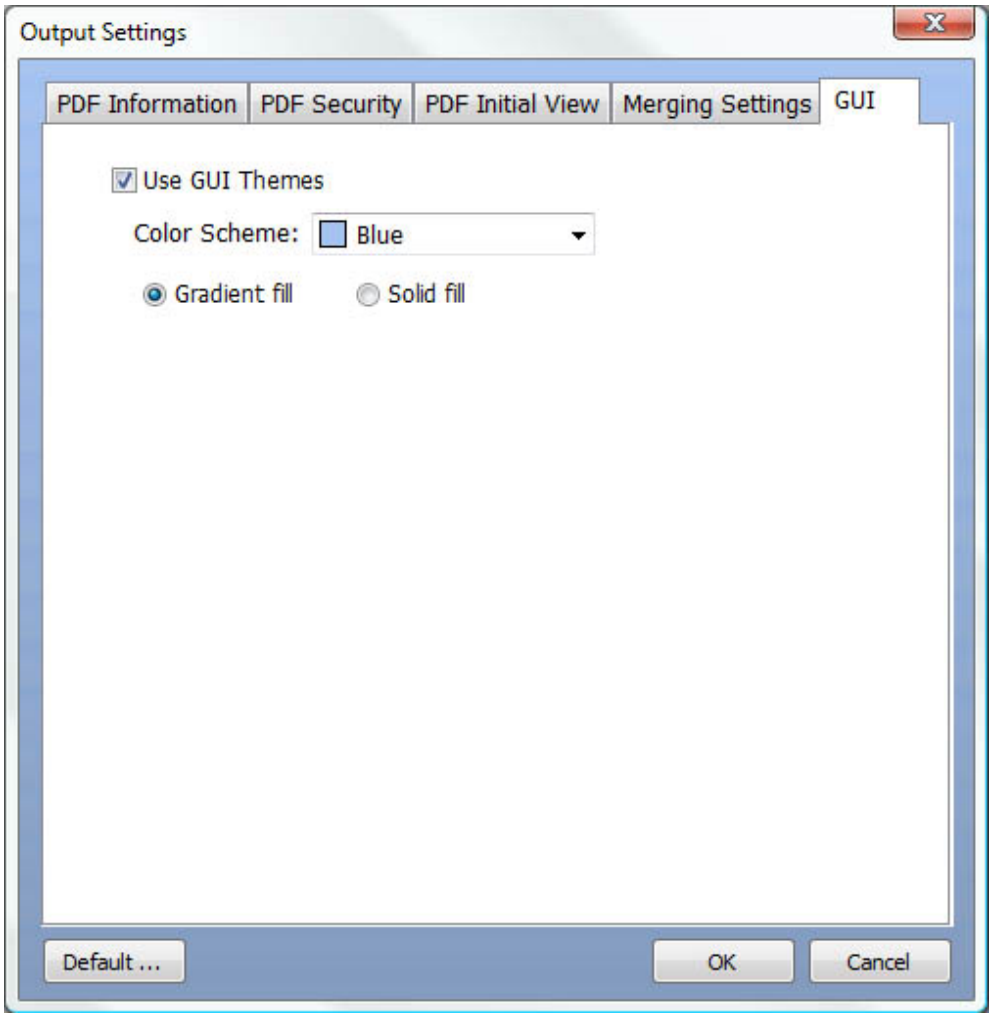
Open In Full Screen Mode - maximizes the document window and displays the document without the menu bar, toolbar, or window controls.

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.

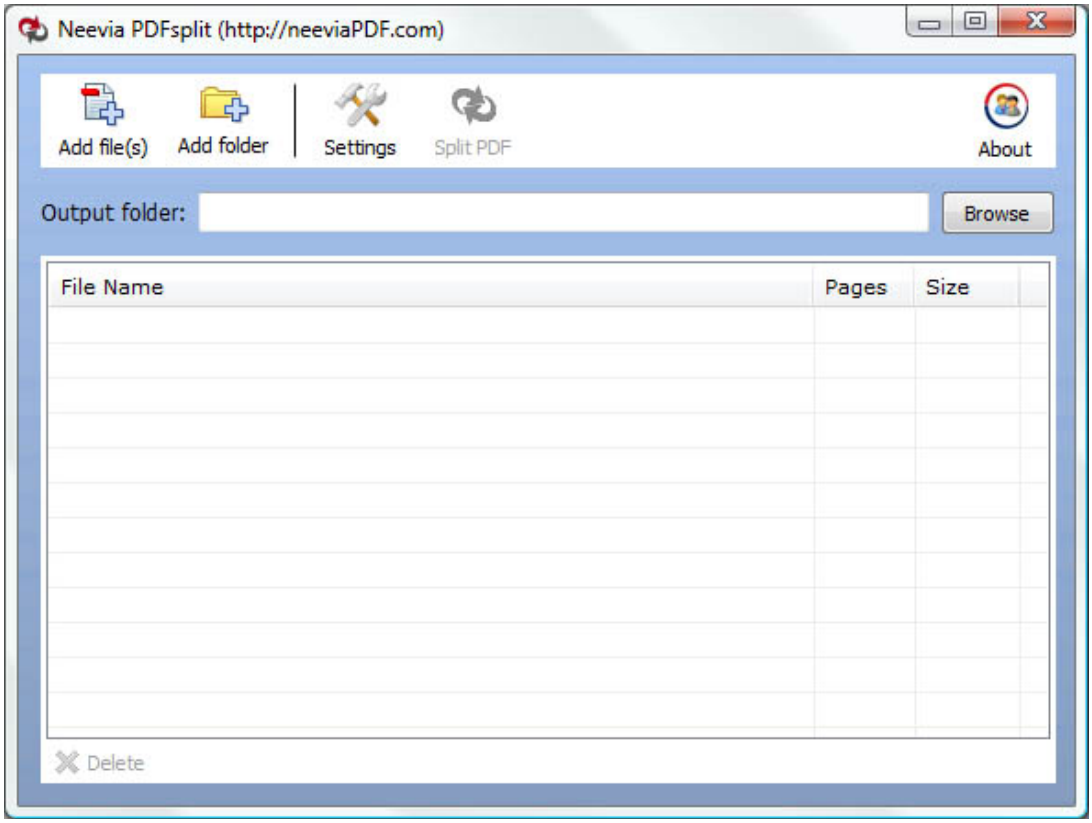
GUI - Graphic User Interface



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.

Using the graphic interface to split PDF files

In order to split files using the graphic interface you need to execute PDFsplit.exe located, by default, in the c:\program files\neeviaPDF.com\PDFmerge\apps folder.



Click **Add files** to select the PDF file(s) to be split. In case you want to split all PDF files in a folder simply click the **Add folder** button to specify the folder. To remove a file from the splitting list, select the file and click **Delete**. To select an output folder for the split files click the Browse button in the interface above.

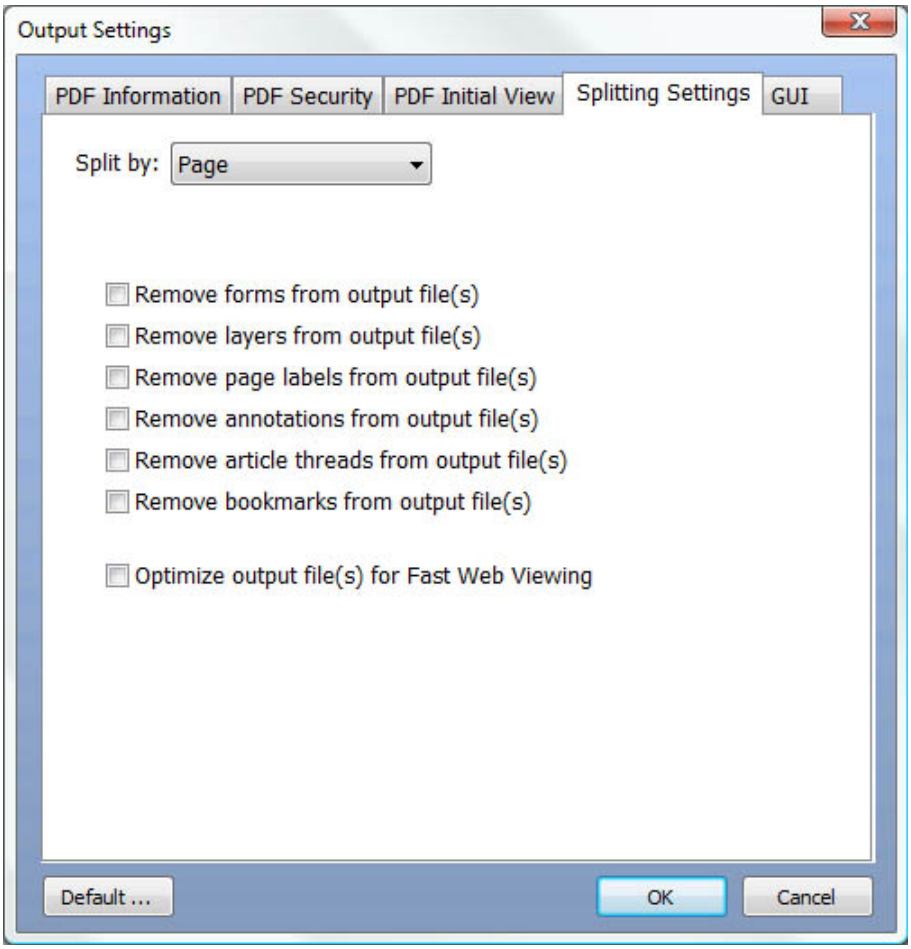
After you add your path to the destination folder the following file naming variables can be used:

%fname% - uses the original file name.
%xd - adds numbers to the resulting file name – e.g. %3d% will force PDFsplit to produce files with names like this: 'filename001.pdf', ... , 'filename010.pdf', ...
%4d will produce: 'filename0001.jpg', ... , 'filename0010.jpg', ...
%bktitle% - uses bookmarks as file names; works only if Split by Bookmarks in the Splitting settings window is enabled.

Example: C:\MySplitFiles\%fname%3d%.pdf

Output Settings

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



Splitting Settings

This is the window in which you can specify what options to be used during the splitting process. PDF files can be split by:

- page;
- page range: you can enter page numbers and/or page ranges separated by commas;
- bookmarks: you can select to name output files according to bookmark titles;

You also have the option to extract specified pages from a PDF document. In the above window select *Extract specified pages.*

When either *Split by Page range* or *Extract specified pages* is selected you will have to insert page numbers and/or page ranges separated by commas in the *Pages* textbox.

Example1: 1-6, 7,8,9 - this splits the input PDF into one file containing the first 6 pages and three other files each having one page.
Example2: 1-4, {2} - this extracts the first 4 pages but creates 2 PDF files with 2 pages each.
Example3: 1-4, {3,1} - this splits the input PDF into a 3 page file followed by a 1 page file.

Optimize output file for Fast Web Viewing - this option restructures a PDF document for page-at-a-time downloading (byte-serving). This is especially important with large documents that can take a long time to download from a server.

PDF Information

In this window you can specify Title, Author, Subject and Keywords for the PDF files that result after the splitting process.

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:

a. Acrobat 3.0 and later (PDF 1.2) enables 40 bit RC4 encryption (weak - not recommended)
b. Acrobat 5.0 and later (PDF 1.4) enables 128 bit RC4 encryption
c. Acrobat 6.0 and later (PDF 1.5) enables 128 bit RC4 encryption
d. Acrobat 7.0 and later (PDF 1.6) enables 128 bit AES encryption
e. 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 accesible 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, AES or AES256) 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.

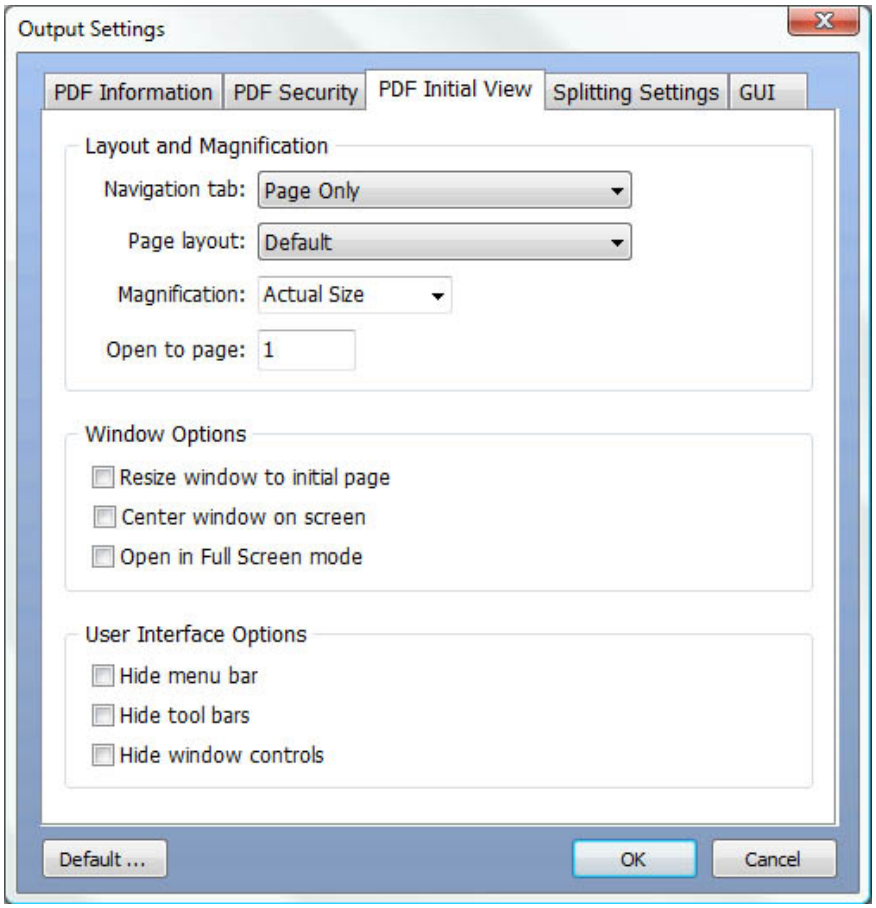
Any Except Extracting Pages - allows users to edit the document, create and fill in form fields, add comments and digital signatures.

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.

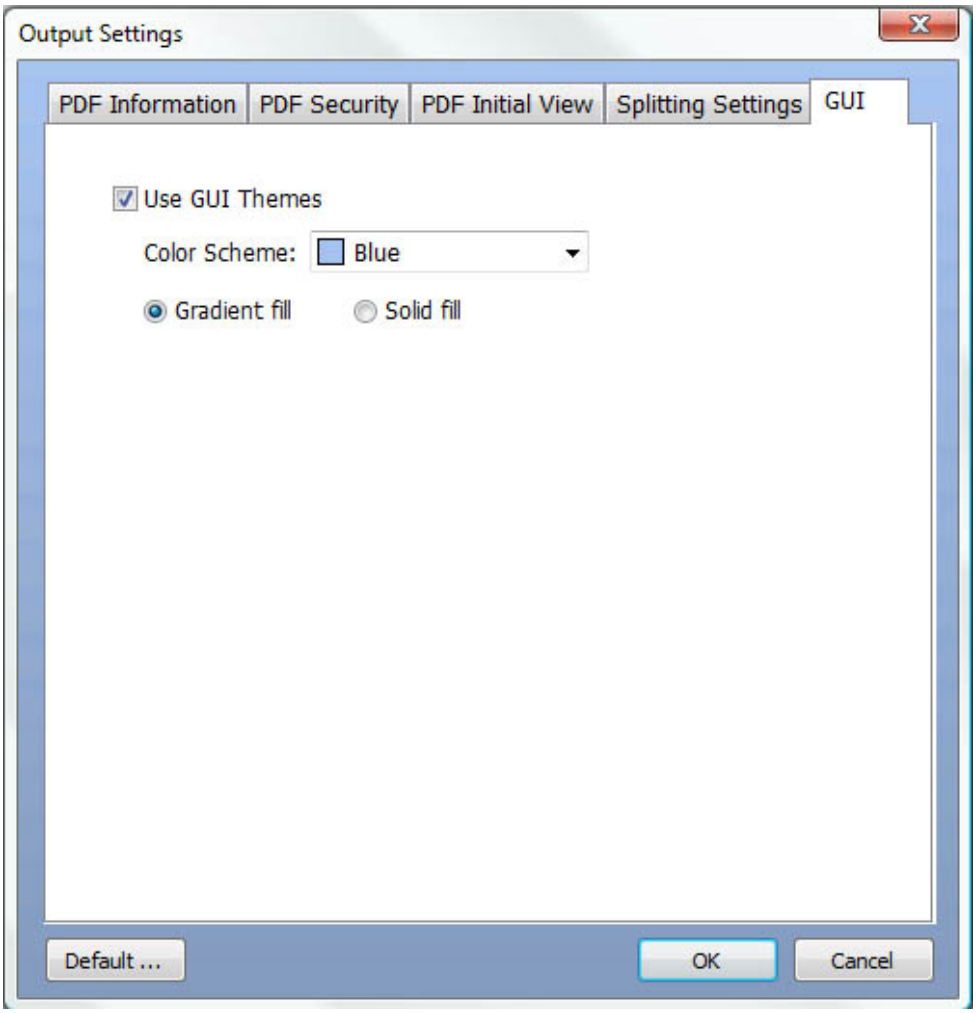
Open In Full Screen Mode - maximizes the document window and displays the document without the menu bar, toolbar, or window controls.

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 PDFmerge code samples please visit
http://neeviaPDF.com/support/examples/pdfmerge/

Example 1vb. Merge 2 PDF files (Visual Basic)

```
Dim NVmerge : Set NVmerge = CreateObject("Neevia.PDFmerge")
MsgBox NVmerge.MergePDF("c:\file1.pdf+c:\file2.pdf", "c:\out.pdf")
```

Example 1delphi. Merge 2 PDF files (Delphi)

```
Uses ComObj;
...
var
  NVmerge: Variant;
  retVal : String;
begin
 NVmerge := CreateOLEObject('Neevia.PDFmerge');
 retVal := IntToStr( NVmerge.MergePDF('c:\file1.pdf+c:\file2.pdf', 'c:\out.pdf'));
 Application.MessageBox( PChar( retVal ), 'Done merging', MB_OK);
```

Example 1c#. Merge 2 PDF files (Visual C#)

In Visual Studio go Project->Add Reference->.NET and select PDFmergeNET from the list.

```
Neevia.PDFmerge NVmerge = new Neevia.PDFmerge();
int rVal = 0;
rVal = NVmerge.MergePDF(@"c:\file1.pdf+c:\file2.pdf", @"c:\outC#.pdf");
MessageBox.Show( rVal.ToString() );
```

For a full and updated list of PDFsplit code samples please visit
http://neeviaPDF.com/support/examples/pdfsplit/

Example 2vb. Split an existing PDF file into single pages (Visual Basic)

```
Dim NVsplit : Set NVsplit = CreateObject("Neevia.PDFsplit")
MsgBox NVsplit.SplitPDF("c:\input.pdf", "c:\")
```

Example 2delphi. Split an existing PDF file into single pages (Delphi)

```
Uses ComObj;
...
var
  NVsplit: Variant;
  retVal : String;
begin
 NVsplit := CreateOLEObject('Neevia.PDFsplit');
 retVal := IntToStr( NVsplit.SplitPDF('c:\input.pdf', 'c:\'));
 Application.MessageBox( PChar( retVal ), 'Done splitting', MB_OK);
```

Example 2c#. Split an existing PDF file into single pages (Visual C#)

In Visual Studio go Project->Add Reference->.NET and select PDFmergeNET from the list.

```
Neevia.PDFsplit NVsplit = new Neevia.PDFsplit();
int rVal = 0;
rVal = NVsplit.SplitPDF(@"c:\input.pdf", @"c:\");
MessageBox.Show( rVal.ToString() );
```