CM
PDF Page Extractor

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Introduction
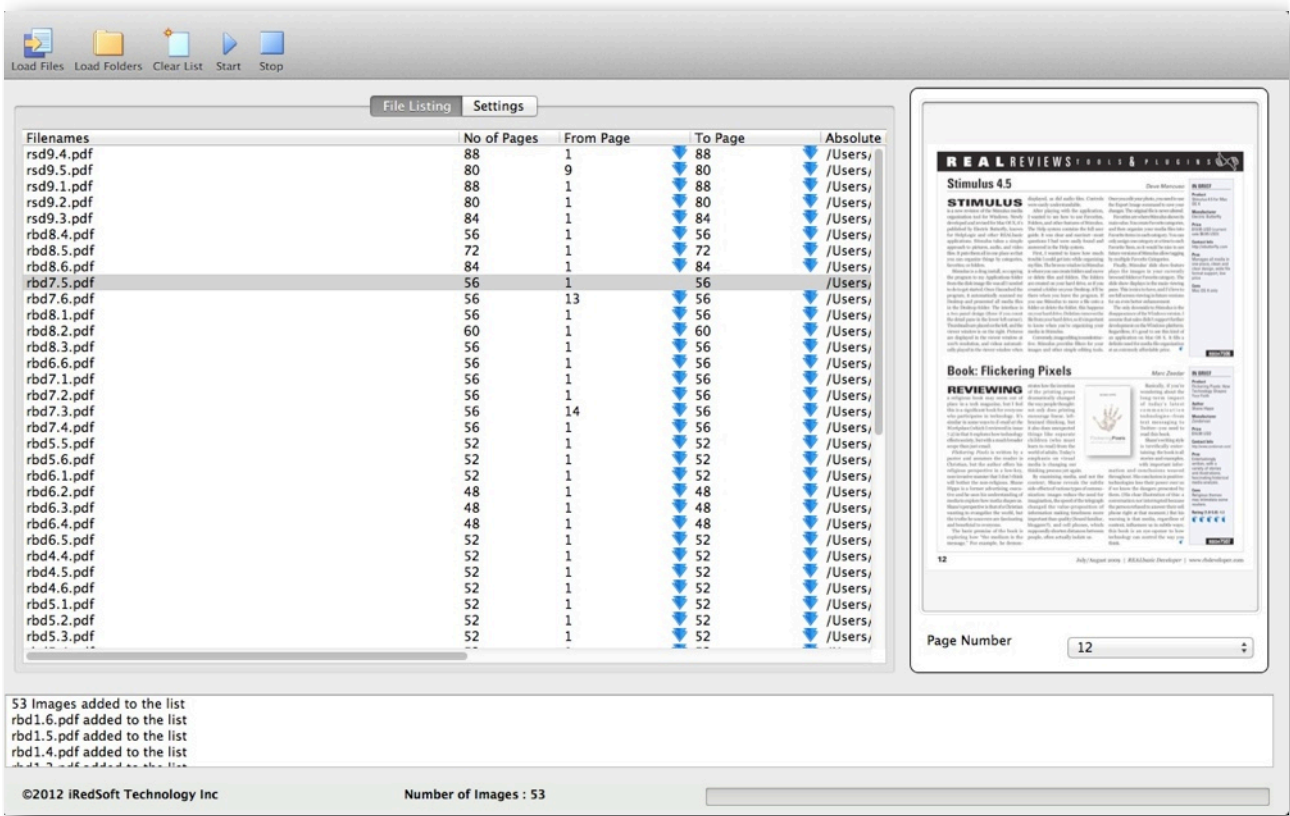
CM PDF Page Extractor is an automated tool which allows you to extract a page or pages from your PDF or Multi-page TIFF files. CM PDF Page Extractor supports the import of two commonly used Multi-page document file types, namely PDF and TIFF. The extracted pages can be saved as PDF, TIFF, JPEG and PNG format. Once extracted, you can distribute the extracted pages to your colleagues, business partners or clients.

The PDF file format is versatile and can be read by Mac, Windows and Linux users alike. With CM PDF Page Extractor, you can break up manuals into smaller files containing individual chapters and load them up on your tablet PC such as the iPad without having to overload the memory. Smaller files makes it easier to read and distribute.

New in v1.1.2 is the ability to merge the extracted pages into a single PDF file so you can use it to add new pages or remove pages from the PDF files.

CM PDF Page Extractor is an easy to use application which you would easily get the hang of. We hope that you enjoy using it as much as we enjoy developing it.

What's New

v1.0
- Initial Release

v1.0.1
- Cocoa Build

v1.0.2
- Added Quartz Composition Filter Support for PDF Output

v1.0.3
- Add Full Screen Support for OS X Lion

v1.0.4
- Fixed Bug which causes the Application to crash (Removed Threading)
- Sandbox App for OS X Lion Compliance for App Store
- Move Saving Settings to Main Page

v1.0.5
- Added Quicklook Preview Window
- Added Contextual Menu - Delete Option on File Listing
- Bug Fix : Help File could not be launched from within Application Bundle under OS X Lion due to the Sandboxing requirement. Now Launches the Web version of the PDF File in OS X Lion.

v1.1.0
- Replaced PDF Generation Engine which can handle creation of larger PDF Files without causing increasing the memory usage
- Removal of Quartz Filter due to better PDF Generation
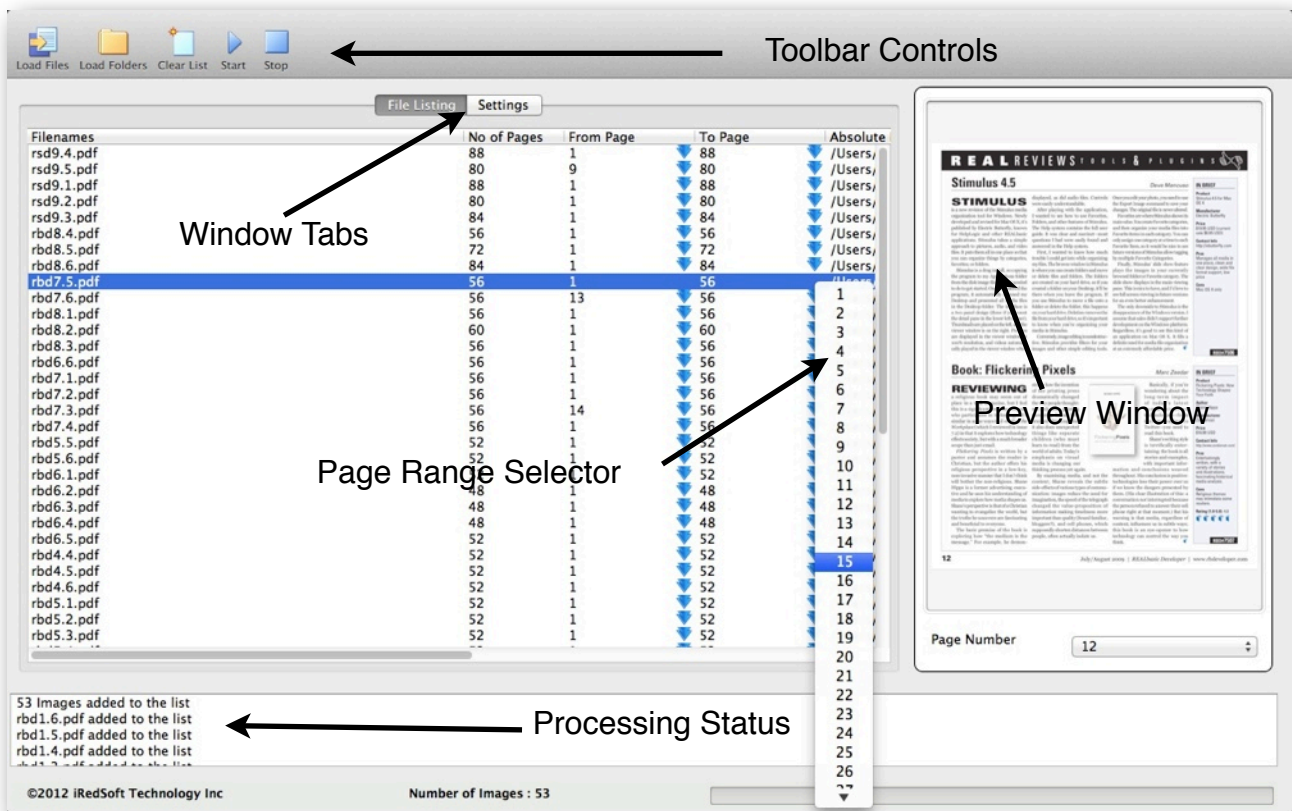- Added Zoom Factor Setting

v1.1.1
- Replaced Quicklook Preview Window in preparation for a Windows version of CM PDF Page Extractor

v1.1.2
- Move Settings out of Preferences into a secondary tab
- Added Combine All PDF option to merge all extracted PDF Pages
- Added Duplicate in Popup Menu to enable duplication of entry

Application Interface

CM PDF Page Extractor interface comes with five core sections. The Toolbar Controls is where the key controls are. The File Listing shows the documents and their details and allows you to select the page ranges. The Windows allows you to switch between the file listing and the settings. The Preview Window which would allow you to select and preview a Page from the PDF File. The final section is the Processing Status which tells you what is going on with the processing, typically it shows when each page is worked on and when it is loaded and saved.

Toolbar Controls
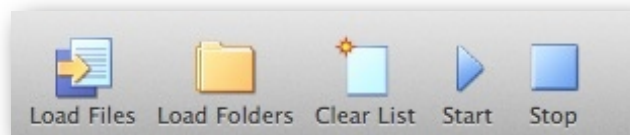
The Toolbar is pretty much the only set of controls which need to interact with so we will get into it.

Load Files
This allows you to select the TIFF and PDF files into the File Listing. You can load single file or multiple files from a particular folder. The files do not need to come from the same folder and can be anywhere located on your computer.

Load Folders

This does about the same thing as the Load Files but instead of loading single files, it will help you load up an entire folder of TIFF and PDF files into the File Listing. Saving you time especially if it is a long list of files.

As with any of our applications, CM PDF Page Extractor supports Drag and Drop function. All you need to do is to drag the relevant files into the File Listing and they will automatically be included in the list. At the moment, CM PDF Page Extractor supports only files and not folders for the drag and drop.

Clear List

This will give you a clean slate to work with by deleting all the files from the list. Do not worry, your original files are still safe at where they are located. The Number of Images would also be reset to zero.

Start

Once you have the list of files in the File Listing to work with and are happy with the Settings, you can click Start and let CM PDF Page Extractor take over. It will begin from the first file on the list and work towards the last. CM PDF Page Extractor would work all the selected pages defined in the "From Page" and "To Page" settings of the Multi-page TIFF and PDF files.

Stop

In case you need to stop the processing, click on Stop and the program will stop after completing its current task. It may seems slow to react at time because it would need to finish saving up the file before stopping, this would prevent any file corruption. If the list of files is short, it may be better to just let the program complete its task.

File Listing

There are 3 selectable columns in the File Listing.

Filenames

If you click on the filenames listed under the Filenames column, it will open the file in the Preview Window. You could scroll through the various pages in this preview and if you require a larger view, click on the "Show in Preview" button to launch the file in Preview.

To Delete a file from the list, bring up the Pop-up menu and select Delete. This will remove the file from the list but would retain the original file. New in v1.1.2 is the addition of the Duplicate option in the Pop-up menu.

From Page

By default, it will show up as the first page of the document which is typically "1". If you want to change the first page to extract to be something different, click on the "From Page" column of that particular TIFF or PDF and you will be prompted with a Pop-up Menu which includes all the pages in the document.
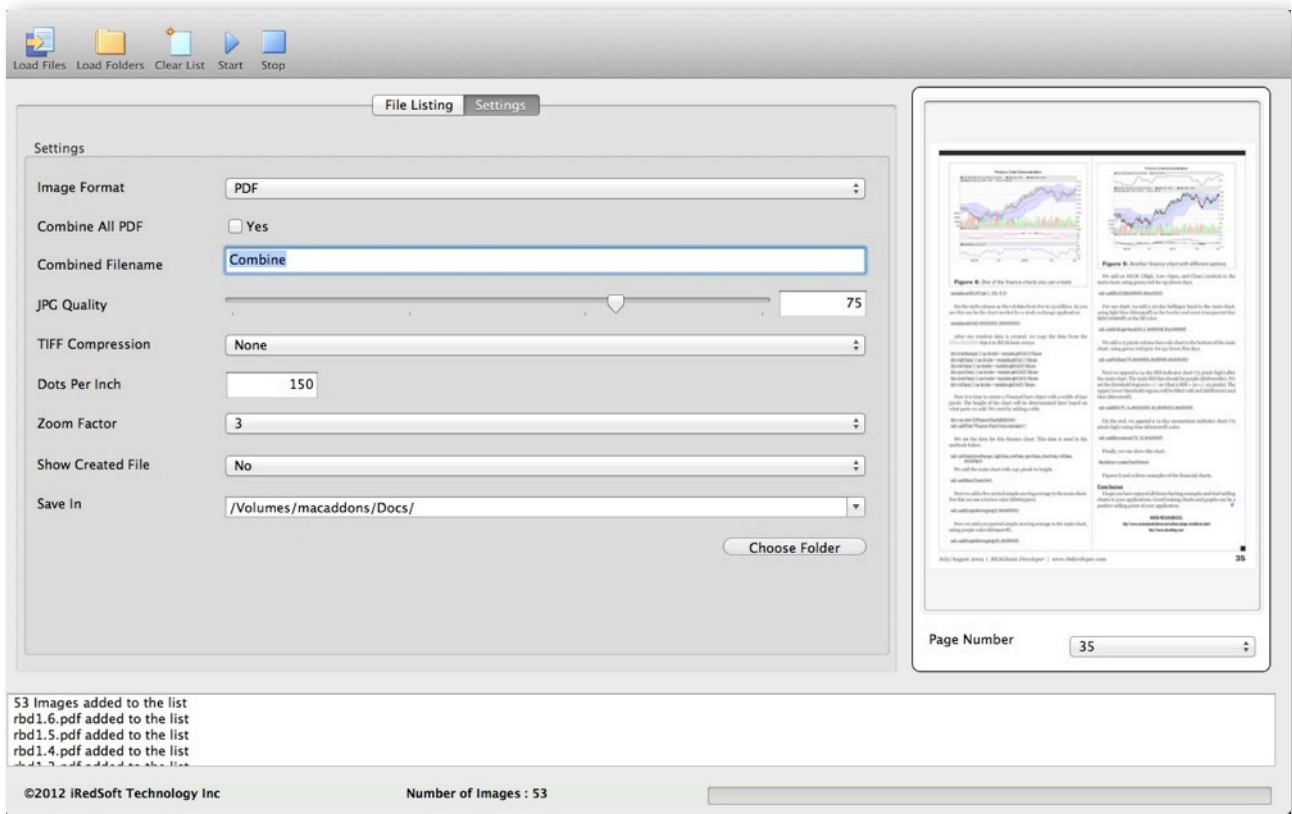
To Page

By default, it will show up as the last page of the document which would depend on the document. You can change this by clicking on the "To Page" column of that filename and use the Pop-up Menu to select the last page to include in the extraction.
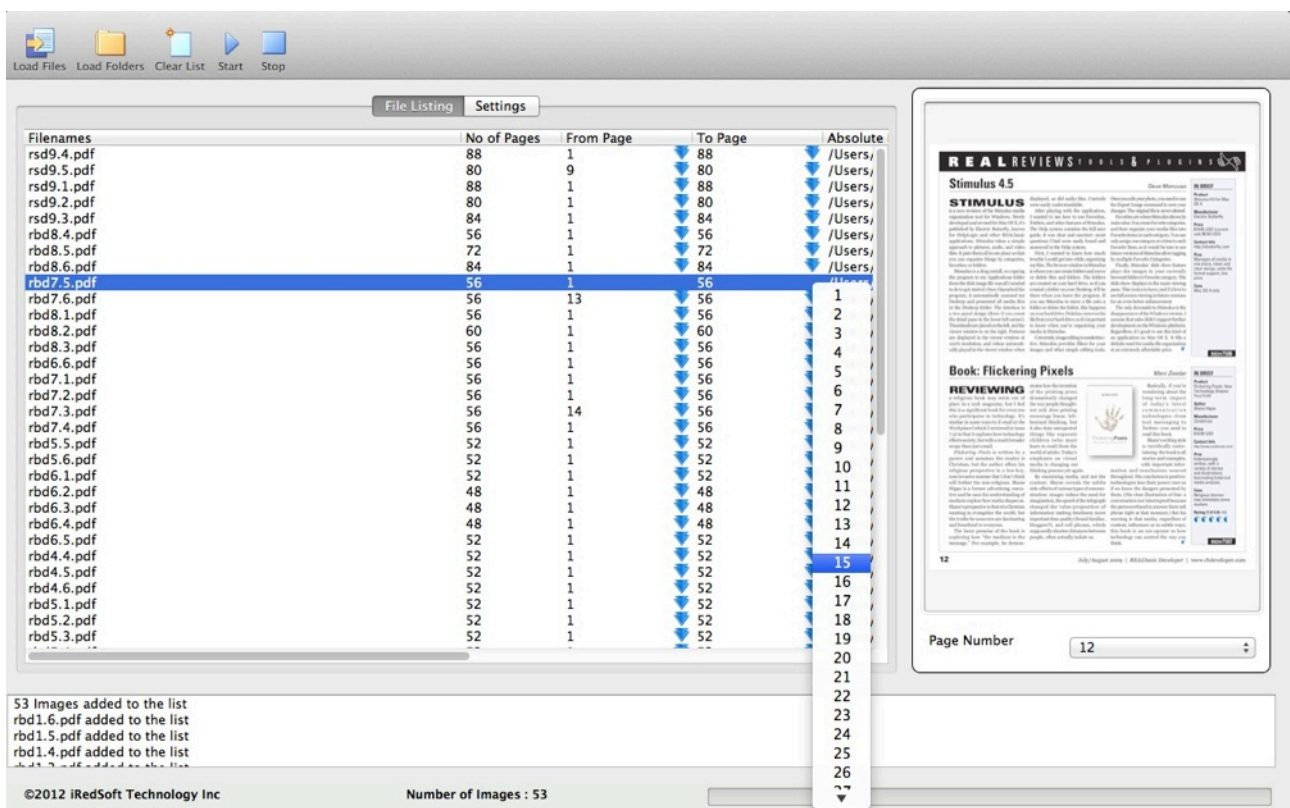
Page Pop-Up Menu

Settings

There are 9 simple settings in the application which controls most of the processing work. CM PDF Page Extractor will handle the rest of the complex computation and let you relax.

Image Format
There are four options here, PDF, JPEG, PNG and TIFF. Both the PDF and TIFF would merge all selected pages into a single file while JPEG and PNG are single page images and thus when selected, all the pages would come in its own file.

Combine All PDF
When this option is checked as "Yes" with the Image Format set as "PDF", the resultant extracted pages from the various files would be merged into a single PDF File.

Combined Filename
This is used in conjunction with the Combine All PDF Option. The resultant file would use the filename listed here. Do not enter a file extension as it would be tagged on based on the Image Format used. As of v1.1.2, the Combine All PDF Function works only for resultant PDF Files but this could change in the future.

JPG Quality
If you set the Image Format to "JPEG", it would make use of the JPG Quality settings to determine the quality to use in creating the images. The Higher the Quality, the larger the file size.

TIFF Compression
If you set the Image Format to "TIFF", you can use one of the six options here. None would use no TIFF Compression algorithm and thus would yield the largest file size.

CCITT G3 and CCITT G4 are Fax Compression which would yield black and white images. For Color Images. use either JPEG, Packbits or LZW compression algorithm.

Dots Per Inch

Typically, Dots Per Inch is not relevant for JPEG or PNG images, however they are important in setting the document page size and quality for TIFF Image Format. The higher the Dots Per Inch would yield a larger file size and also allows you to zoom into the picture further. If you set the Dots Per Inch to under 72, it will default to 72 internally. Typically modern viewers would ignore the DPI information and printers would use their own internal algorithm to determine the print dimensions.

Zoom Factor

The PDF Page extracted would be based on the actual PDF File dimension, it works well if the resultant image format is PDF. But for raster formats such as JPEG, PNG or TIFF, if you need to zoom into the pages, set the Zoom Factor to higher than 1. We recommend leaving it as the default setting of 3.

You can find out the actual PDF or Image file dimension/resolution (On the Mac) by selecting "Show Info" using the contextual menu when clicking on the PDF file in Finder.

Show Created File

As CM PDF Page Extractor does not come with an image viewer, you can use this option to have the application launch the created documents in Preview after it is created.

If you set this to "No", the application would suppress showing the created documents after they are created. "Yes" would bring launch every of the created documents in Preview. If you only want to preview TIFF and/or PDF Files, select "Only if TIFF or PDF". This function is also not available in OS X 10.7 Lion, we will address this issue in the future updates.

Save In

To save the created documents in the same folder as the original, use this ComboBox to select "[Source Folder]". To save into other folders, use the "Choose Folder" button and select a new folder.

In Compliance with the App Store requirements for Sandboxing, when used in the OS X 10.7 Lion, the Save In settings would not be saved. You would need to re-select it each time you load the application.

Merging Pages

New in v1.1.2 is the ability to Merge Resultant PDF File outputs. There are several steps involved in enabling this and thus we came out with this short tutorial to achieve this.

* Note - The Original Files need not be a PDF File and can contain a variety of supported file formats but the Resultant Combined File would need to be set to PDF Format.

On the Settings Tab

There are 4 settings on the Settings Tab which you would need to enable for merging to work.

1) **Image Format** - This would need to be set to "PDF"
2) **Combine All PDF** - This option "Yes" needs to be Checked
3) **Combined Filename** - This would contain the resultant merged filename. Enter without the file extension
4) **Save In** - Select the Folder in which the resultant merged file would be saved in by using the "Choose Folder" button

On the File Listing Tab

The merging of files allow you to merge several non-consecutive pages together or several different files together or a combination of both.

For merging of several different files together, just load the files as you would normally, set the page range and select "Start" to proceed.

For merging of several non-consecutive pages of the same file, you will need to load up several instance of the same file.

For example, if you have a PDF file with 15 pages and you want to remove pages 3 and 6 to 8 from the file thus keeping pages 1-2,4-5 and 9-15. This would be what you need to do. You would need to load the file three times to the File Listing. You could use the Load Files 3 times and select the same file OR you could use the Load Files and select that one file. After which, on the filename in File Listing, bring up the contextual Menu and select "Duplicate".
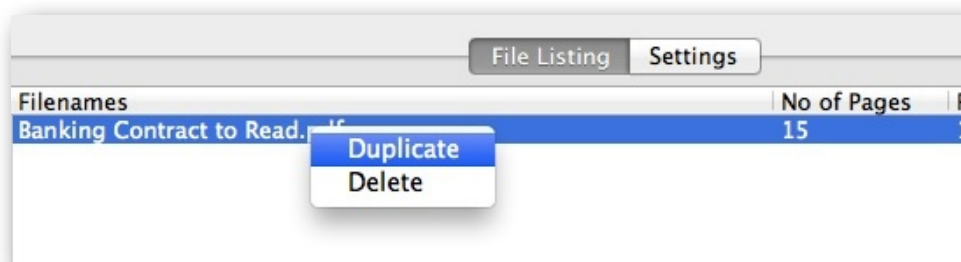
Once you select the Duplicate, you should be greeted with the following dialog screen labelled as "Duplicate Entry" and be prompted with the number of times you want the file

name to be duplicated. In this example, enter 2 and click the OK button. This will add 2 more entries of the file name to the File Listing.
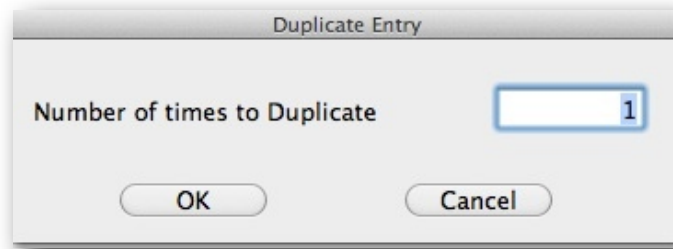
The reason why you would need to select 2 is because you would need to include 3 entries on the File Listing with the same File Name. One would have already be included when you first load that file name.

Set the From Page and To Page as the above screenshot and once you are done, click on the Start button.

Hope that is simple enough.

About File Name Conventions

1) If you set the Image Format to "TIFF" or "PDF" and select the "From Page" to the first page and "To Page" to the last page, the created file would have the same name as the original files with the file extension change to reflect the image format use. If however, the original file format and the resultant file format is the same, the application will overwrite the original files if the Save In is set to "[Source Folder]".

2) If you set the Image Format to "TIFF" or "PDF" and select the "From Page" and "To Page" to something other than the first and the last page numbers, the created file would be renamed as {original filename} Page {From Page} to {To Page}.

   For example, if you set the "From Page" to 4 and the "To Page" to 15 and the original filename is "Document", the created file would be called "Document From Page 4 to 15".

3) If you set the Image Format to "JPEG" or "PNG", each page would be stored as individual files as the format does not support multiple pages. Each Page would be named as {original filename} Page {Page Number}, eg. "Document Page 1"

Thank you for purchasing CM PDF Page Extractor. If you like this application, do spread the word around.

If you encounter any bugs or want to see some new features in the application, feel free to contact us at support@batchimage.com or support@completemagic.com

As this application is sold on the Mac App Store.

If you purchase CM PDF Page Extractor from our website, you will be able to obtain updates from our website. If you purchase through the Mac App Store, please use the App Store app to update it.