Batch TIFF & PDF Converter

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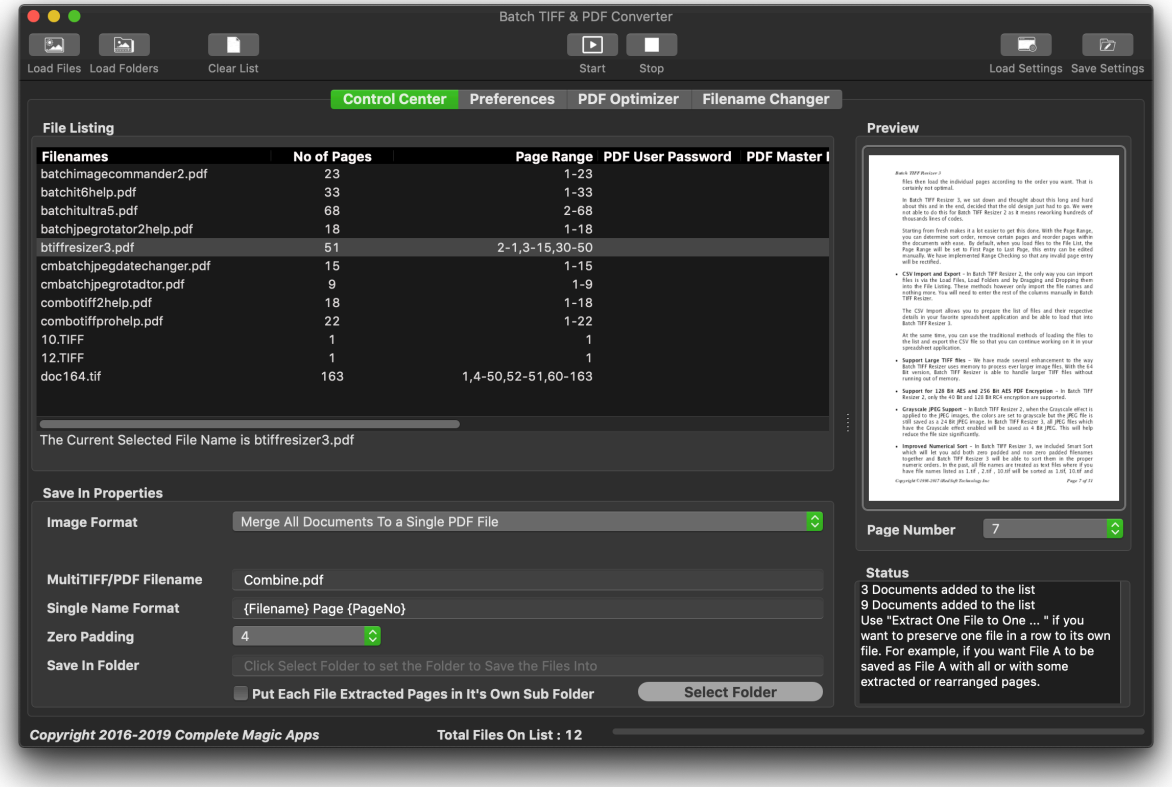
Introduction



Batch TIFF & PDF Converter is our most comprehensive Mac based TIFF and PDF toolkit which is modeled after our Windows flagship app, Batch TIFF Resizer.

What Batch TIFF & PDF Converter can do includes

- Open and Save with Single Page TIFF, Multi-Page TIFF and PDF Files
- Merge all files in the listing into a single Multi-Page TIFF file or PDF File
- Supports Fast Merge of all the PDF files to a single PDF file(**)
- Can work with Password Protected PDF File as the application will prompt for the unlock password
- Extract Pages from the Multi-Page TIFF and PDF files into TIFF and PDF
- PNG, JPEG and HEIC Import and Export
- Extract Pages and save them into different specific file formats based on whether they are color or black and white pages
- Extract Text from PDF File. This does not work on scanned documents and does not support formatting.
- Group and save pages extracted from each multipage files and save them into its own specific folder
- Rearrange Pages within the TIFF and PDF documents using Page Ranges
- Remove Pages from the TIFF and PDF which is undesired

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- Compress PDF Files through the PDF Optimizer function
- Remove or Add Password Protections to the PDF file (Only if you have the master password to unlock the file)
- Add Various Password Options which includes "None", "Use Original Passwords", "Use Default Passwords" and "Use Per File Entry Passwords"
- "Use Per File Entry Passwords" will use the unique passwords for each single file set in the File Listing.
- Insert Pages into the TIFF and PDF files
- Resize Pages using Downsizing by Pixels, Percentages, Ratio or even Paper Size
- Add Text Caption (with transparency) such as Copyright tags to the pages. You can pick from the 10 locations where text caption can be included as such Diagonal, Top Left, Top Middle, Top Right, Center Left, Center Middle, Center Right, Bottom Left, Bottom Middle and Bottom Right. You can even determine on which page such as All Pages, Even Pages, Odd Pages, Every Page except First and Odd Pages except First.
- Add PNG Watermark Picture to the pages with transparency to 9 locations which includes Top Left, Top Middle, Top Right, Center Left, Center Middle, Center Right, Bottom Left, Bottom Middle and Bottom Right. Supports PNG with Alpha Channel for background transparency.
- Fine-tune the Text Caption and Watermark Alignment by applying the X and Y Padding.
- Retain Image and Document Header including EXIF Header such as Author/Artist, PDF Title/ TIFF & JPEG Description, PDF Subject, PDF Keywords and TIFF/JPEG Copyright.
- Built-in Independent Filename Changer

TIFF Specific Settings
- Change TIFF Compression Settings which includes None, Packbits, LZW, CCITT G3, CCITT G4, Deflate, CCITT RLE and LZW Grayscale
- Supports Output to 48 Bit Color Depth

PDF Specific Settings
- Set PDF Compression Filter and Level
- Set PDF Encryption Level from 40 Bit all the way up to 256 Bit
- Set PDF User and Master Level Passwords. Master Level Password allows the overriding of all restrictions
- Set Unique User and Master Level Passwords for each PDF Files.
- Set PDF Version Number
- Modify PDF Meta Data Info such as Author Name, Title, Subject and Keywords
- Set PDF Permissions such as Allowing Copy, Allowing Printing and Allowing Annotations
- Support to Flatten Form Fields in the PDF files
- Support Fast Merging of All PDF Files when only merging is required using the PDF Merge Function

With Settings Profile files, you create and save as many different profiles with different settings to meet your various different needs or that of your clients with each. Just reload them as and when the situations calls for them.Supported Document Formats

PDF to TIFF Automator
- Monitor a HOT Folder for PDF Documents to be converted to TIFF on the fly
- Works in the background
- Offers option to move or delete Original PDF documents from the Hot folder after processing
- Ability to Save the TIFF documents in the Hot Folder or a new folder
- Offers Dots Per Inch and TIFF Compression

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Supported Document and Image Formats

- PDF (Password Protected and Non-Password Protected[1])
- TIFF (Single Page and Multipage)
- JPEG and PNG
- HEIC (Export)

System Requirement

- 64 Bit Mac (Intel & Apple Silicon)
- macOS 11 Big Sur and above

[1] You will be required to enter the unlock password for the Password Protected PDF Document

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Pricing and Licensing

Batch TIFF & PDF Converter is currently sold through our website based on a shareware model, ie 14 Days Free Trial Version and after which you will need to purchase a license to continue using it. We currently are using CREEM.IO as our fulfillment agent.

The Trial Version lets you test the application to determine if it fits your needs. It will process the first 10 files on the list. The license would unlock these limitations.

At the same time, it is also sold through the Mac AppStore based on the commercial model which does not support software trial.

We will try our best to keep both version features as similar as possible but still respecting Apple's sandboxing requirements for the Mac AppStore version.

Mac AppStore (US$25.99)
https://itunes.apple.com/us/app/batch-tiff-pdf-converter/id997636311?ls=1&mt=12

CREEM.IO (US$25.60)
https://www.creem.io/payment/prod_305dUQUdIzYtmVC8C5Jhrd

Registration through our website version

After you purchased from CREEM.IO, we will send you an email within 24 hours which contains your license file. After you received that file through the email link, bring up the Register window, click Select License File and import it.

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Version History

3.0.0	• Improved Page Preview Quality • Updated UI
3.0.1	• Fixed a bug which causes the “Extract One File to One Multipages TIFF” to only save the first document on the list
3.0.2	• Fixed a crash when resizing the app with an existing preview image
3.0.3	• Fixed a possible crash when the Start button is pressed more than once before the process ends.
3.0.4	• Internal Updates
3.0.5	• Fix an issue where when one or more files which are on the File Listing have been deleted from Finder prior to processing which causes a crash
3.0.6	• Internal Updates
3.0.7	• Improved support for Document and Image (PDF, TIFF and JPEG) Header Information. This includes Author/Artist, PDF Title/TIFF & JPEG Description, PDF Subject, PDF Keywords and TIFF/JPEG Copyright tag
3.0.8	• Faster Loading of PDF File to the File Listing
3.0.9	• Internal Updates
3.1.0	• Internal Updates
3.1.1	• Internal Optimization • Improved PNG Support
3.1.2	• Internal Updates
3.1.5	• Internal Bug Fixes
3.1.6	• Fixed issue which causes the original PDF page orientation not to be retained in the resized PDF
3.1.7	• Improved Loading and Saving Settings Profile File
3.1.8	• Fixed Bug which causes all the pages of the PDF to be used instead of the Page Range when "Merge All Documents to a Single PDF File" is used and Resizing Method is set to "As Is" • Fixed Bug where no output is generated when "Extract One File to One PDF File" is selected
3.1.9	• Fixed Picture in the About Screen not showing

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3.2.0	• Added Text Caption Transparency • Added Watermark Option with Transparency (Supports PNG with Alpha Channel) • Fixed bug which causes the "Downsize By Pixels" Resizing Method not to resize the pages • Now Load and Save Settings remembers the last folder used in the session
3.2.1	• Added "Diagonal" Text Caption Alignment • Added X and Y Padding for Text Caption and Watermark Alignment
3.2.2	• Fixed bug which DPI not reflected in the processed TIFF or JPG files
3.2.3	• Internal Code Optimization • Realigned Controls
3.2.4	• Added Support for Mojave's Dark Appearance
3.2.5	• Mojave Dark and Light Appearance enhancement - Now the File Listing reflects the selected theme
3.2.6	• Now Batch TIFF & PDF Converter remembers the last selected Save In Folder
3.2.7	• Improved Mojave's Dark Appearance Support
3.2.8	• Improved Switching between Light and Dark Appearance in MacOS Mojave
3.2.9	• Reworked the PDF Output Engine to Optimize PDF Output file • Added JPEG2000 PDF Compression Algorithm Option
3.3.0	• Fixed Extract to Single JPEG files to use the Title in the File Listing • Make the Author column in the File Listing Editable • Fixed TIFF Title was previously saved in the Description Header Tag • Fixed Intermittent problem where the Watermark gets deleted during processing • Added Support to embed Subject, Keywords and Author in the JPEG and TIFF Header Tags • Added {RunningNo} macros for the Single Name Format • Released on our website as a 14 Days Trial Version
3.3.1	• Reworked the Licensing Module
3.3.2	• Further improvement to the Licensing Module
3.3.3	• Internal Updates
3.3.4	• UI Updates
3.3.5	• Fixed a potential memory leak
3.3.6	• Optimization of the TIFF Engine
3.5.0	• Added PDF Optimizer Function
3.5.5	• Added Filename Changer
3.6.0	• Internal Code Optimisation

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3.6.1	• Improved Performance in Loading Large List
3.6.2	• Fixed an issue when a TIFF is converted to PDF with the Resizing Method set to "As Is" results in a larger dimension PDF file.
3.6.3	• Added Option to Resize Pages to up to 5x via "By Percentage" and the predefined resizing methods
3.6.4	• App Store Version Only - Rewrote Module which seeks for Write Permission
3.6.5	• Rewrote code which updates the DPI and Orientation
3.6.6	• Reworked the way files are loaded to the list to improve performance • Fixed bug which causes the loading of files in the PDF Optimizer not to show up on the list when dragging and dropping the PDF files • Fixed File Counts reported wrongly • Fixed Clear List does not clear the Status Box Text • For non-App Store version, the Check for Updates has been fixed for MacOS 10.14.6
3.6.7	• Remove the lag time when first loading up the file listing
3.6.8	• Fixed a crash when files with slash / in the filename is added to the list • Highlight and Bold Selected Row • Fixed Image Format reverting to Merge All Documents to a Single PDF File
3,6.9	• Fixed an issue when a TIFF is converted to PDF with the Resizing Method set to "As Is" results in a larger dimension PDF file which resurfaced again
3.7.0	• Added Option for an Enlarge Preview View
3.7.1	• Improved Image Quality for the Enlarge Preview View • Support Pinch to Zoom for the Enlarge Preview View
3.7.2	• Fixed PNG and JPG are not showing up in the Enlarge Preview View
3.7.3	• Fixed TIFF to PDF Conversion Resize By Paper Size and Resize By Percentage not performing the page resizing
3.7.4	• Updated for MacOS 10.15 Catalina • Fixed Resizing by Percentage sizes when converting from TIFF to PDF • Added a 2.5 seconds update delay when updating the Percentage and Quality Value when you type in the value
3.7.5	• Fixed a bug which causes a JPEG and PNG to be converted to PDF showing up as Unsupported Format • Fixed Preview not working in PDF Optimizer • Reworked the internal codes to support the new framework
3.7.6	• Fixed a bug when converting scanned JPEG with greater than 72 DPI to be shrunk to 1/3 the original size when converting to PDF
3.7.7	• Fixed a crash when Load Folders is used

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3.7.8	• Fixed a bug which causes compression of a Password Protected PDF to go corrupted • Fixed when changing the Image Format, the MultiTIFF/PDF Filename get truncated • Fixed When "Merge All Documents to a Single PDF File" with Encryption does not password protect the file
3.7.9	• Fixed a TIFF to PDF conversion when Resizing by Paper Size is used resulting in a larger dimension file • Added Option to Not Recompress Original Photo when inserting into the PDF document • Fixed Watermark Not Showing Up
3.8.0	• Fixed a bug where the Numeric Text Box accepting non-numeric entries
3.8.1	• Reworked the Load Folders module to give it a speed boost especially for large list
3.8.2	• Fixed a crash with a JPEG without the proper header data
3.8.4	• Fixed possible file corruption when Extracting to Multiple JPEG Photos • Added option to Include or Exclude EXIF Headers
3.8.5	• Updated Underlying Framework • Fixed issue with the PDF Version Number Compliance
3.8.6	• Reworked the File Changer Module
3.8.7	• Fixed issue with the EXIF Keywords Tag
3.8.8	• Fixed issue where smart quotations are used and the EXIF tags are not added
3.8.9	• Fixed PDF to Image Size
3.9.0	• Fixed Export Image Quality
3.9.1	• Updated the Underlying Framework
3.9.2	• Fixed a Crash when the DPI is set to As Is
3.9.3	• Fixed an issue where the PDF Version is reverted to PDF v1.0 • Fixed PDF Output showing no content
3.9.4	• Updated Underlying Framework
3.9.5	• Reworked the Load Files module
3.9.6	• Add Quick Preview
3.9.7	• Reworked the PNG output module
3.9.8	• Improved TIFF EXIF Support
3.9.9	• Added more DPI Options • Reworked the TIFF to Images Module

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4.0.0	• Added Format Filter for Load Folders • Updated Underlying framework
4.0.1	• Updated Underlying framework
4.0.2	• Support HEIC Output
4.0.3	• Update UI • Updated Underlying Framework
4.0.4	• Updated UI • Updated Underlying Framework
4.0.5	• Updated for Big Sur • Updated Underlying Framework
4.0.6	• Updated PDF Framework • Apple Silicon Support
4.0.7	• Reworked the Clear List Module
4.0.8	• Updated Underlying Framework • Minor UI Update
4.0.9	• Improved JPEG Reading and Writing Process • Fixed Crash when checking for Updates (Non AppStore Version)
4.1.0	• Added JPEG and PNG Export Grayscale Colorspace
4.1.1	• Updated Underlying Framework • Updated UI
4.1.2	• Updated Underlying Framework
4.1.3	• Added Keep Tree Structure Option which enables Sub Folders to be retained when Load Folders is used
4.1.4	• PDF Support - Improved Memory Management by writing to file at a more frequent interval • Fixed Possible Crash when the Copyright Tag is left empty when saving to the same folder as the original files • Where the Source and Save In folder are the same and both the Source and processed files are of the same format, the new filename would be tagged with "_new" as suffix to prevent a crash
4.1.5	• Reworked the TIFF Page Extraction Module to prevent a crash when encountering a malformed page
4.1.6	• Improved Error Checking - When encountering an image which the app cannot read, the app would skip that file and generate a Error List file (text readable) in the Save In Folder
4.1.7	• Added Support for Huge TIFF of over 20,000 x 20,000 Pixels. The App would downsize the pages to fit not more than 20,000 x 20,000 Pixels to prevent a memory crash

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4.1.8	• Fixed bug which caused the page not to be saved when converting TIFF to an Image Format if the TIFF is a Big TIFF
4.1.9	• Updated UI • Internal Code Optimisation
4.2.0	• Updated Underlying Framework • Improved ARM Support
4.2.1	• Fixed Closing the Main Window does not cause the App to Shutdown
4.2.2	• Minor UI Update • Updated Underlying Framework • Reworked the Color Picker to prevent a crash on an Apple Silicon Mac
4.2.3	• Minor UI Update • Updated Underlying Framework
4.2.4	• Updated Underlying Framework
4.2.5	• Internal Code Optimisation • Updated Underlying Framework
4.2.6	• Updated PDF Engine • Minor UI Update
4.2.7	• Updated Underlying Framework
4.2.8	• Updated PDF Engine
4.2.9	• Updated PDF Engine • Updated Underlying Framework
4.3.0	• Updated Underlying Framework
4.3.1	• Updated Underlying Framework
4.3.2	• Updated Underlying Framework
4.3.3	• Updated Underlying Framework
4.3.4	• Updated Underlying Framework • Internal Code Optimization
4.3.5	• Updated Underlying Framework • Internal Code Optimization
4.3.6	• Updated Underlying Framework • Internal Code Optimization
4.3.7	• Updated Underlying Framework
4.3.8	• Updated Underlying Framework • Internal Code Optimization
4.3.9	• Updated Underlying Framework • Internal Code Optimization

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4.4.0	• Updated Underlying Framework • Internal Code Optimization
4.4.1	• Updated Underlying Framework
4.4.2	• Reworked the EXIF Engine
4.4.3	• Fixed Crash when opening a password protected PDF
4.4.4	• Reworked Internal Codes
4.4.5	• Fixed UI Issues • Added TIFF Compression - LZW Grayscale
4.4.6	• Updated Underlying Framework
4.4.7	• Updated Underlying Framework
4.4.8	• Reworked the Filename Changer's Save CSV Module
4.4.9	• Reworked CSV Module
4.5.0	• Updated Underlying Framework • Minor UI Fixes
4.5.1	• Updated Underlying Framework • Minor UI Fixes
4.5.2	• Minor UI Fixes • Reworked the Tab UI
4.5.3	• Updated Underlying Framework
4.5.4	• Minor UI Fixes • Updated Underlying Framework
4.5.5	• Minor UI Fixes • When PDF Version is set to PDF/A or PDF/X, in order to comply with the format, all the permissions is enabled and the password is set to None.
4.5.6	• Reworked the PDF Optimizer Module by simplifying the settings • Overall Code Optimization • Updated Underlying Framework
4.5.7	• Fixed PDF not generated when performing the PDF Optimizer in the App Store version due to the sandboxing issue
4.5.8	• Replaced the PDF Compression Engine

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4.5.9	• Major PDF Engine Overhaul • Fixed Keep Tree Structure which only maintains a depth of two. Now it can handle all recursive folders • Fixed Put Each File Extracted pages in It's Own Sub Folder now works for PDF Single Page Extraction • PDF Compression Level provides better control with levels between 1 to 9. 9 being the highest compression. • Remove "Do Not Recompress Images", "PDF Encryption Level", "PDF Flatten Form Fields" as this is handled automatically internal providing the best options while not breaking the PDF rules • Remove PDF Version Number v1.0,v1.1,v1.2 and v1.3 as they are pretty old standards. The lowest version supported is v1.4 which provides the best level of compatibility and support for features like encryption • Added PDF Creator Tag
4.6.0	• Fixed Output PDF gets encrypted when all permissions are enabled
4.6.1	• Fixed a crash which results from the compressed pdf being larger than the uncompressed version
4.6.2	• Added Support for Vision Framework's Text Detection framework to perform OCR function on text in Images, TIFF and PDF's Image for the Extract to Multiple Text Files function (Beta Support only for macOS 10.15 Catalina and above) • Optimise the PDF Engine
4.6.3	• Added Bates Numbering Support • Now Clicking Font Color's Color bar will now brings up the Color Picker • Reworked the PDF Optimizer Engine • Minor UI Fixes • Removed the Allow Annotations Options
4.6.4	• Added Page Manipulation to the Bates Numbering module • Fixed Progress bar not stopping when processing a single file in the Bates Numbering module.
4.6.5	• Reworked the PDF Optimizer Module
4.6.6	• Improved Compression for PDF Optimizer Compression Level 6 and above • Fixed a "hang" when processing PDF • Further minor improvement in the PDF Engine • Fixed PDF File coming out as encrypted when full permission is granted • Updated Underlying Framework • PDF Permissions : Allow Annotation is back • Minor UI Fixes
4.6.7	• In Optimize PDF, if the source folder and the destination is the same, the PDF file is no longer deleted but the compressed file would be tagged "Compressed_" to the filename. • When no manipulation is done to the PDF documents apart from reordering pages, the file size no longer increase drastically when using Extract One File to One PDF File • Fixed Resizing by Pixels with Ratio Aspect not working as expected • Resizing Images to PDF now results in PDF using less disk space • Fixed Resizing Method not respected when converted to Image Format

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4.6.8	- Fixed a bug which causes a crash when merging all the PDF together - Internal Code Optimization
4.6.9	- Internal Code Optimization - Minor UI Changes - Upgraded Underlying Framework
4.7.0	- Fixed PDF to Images Page Dimensions issues
4.7.1	- Added PDF to TIFF Automator Module
4.7.2	- Fixed a crash when the PDF to TIFF Automator is started and stopped in quick succession repeatedly
4.7.3	- Improved Error Checking when accessing image files - Fixed PDF to TIFF Automator module converting to Black and White TIFF which results in a black page
4.7.4	- Fix PDF to TIFF Automator where the second page onwards gets reverted to 72 DPI - Added TIFF Date Time and Software tag to the PDF to TIFF Automator
4.7.5	- Reworked the TIFF CCITT v4 Compression
4.7.6	- Prevents crash when encountering faulty PDF Files
4.7.7	- Minor UI Fixes - Updated Underlying Framework
4.7.8	- Fixed UI Issues - Updated the Toolbar - Updated Underlying Framework
4.7.9	- Minor UI Fixes - Updated Underlying Framework
4.8.0	- Fixed a crash when performing an "Extract to Multiple Page PDF Files" from a PDF source
4.8.1	- Fixed PDF Version not updated
4.8.2	- Updated Underlying Framework
4.8.3	- Fixed Crash when the DPI is set to As Is and the Source Files are PDF to be converted to a different format. As PDF Documents does not contain DPI details, if the DPI is set to As Is, it will defaulted to 600 Dots Per Inch.
4.8.4	- Updated Underlying Framework
4.8.5	- Updated Underlying Framework
4.8.6	- Updated Underlying Framework
4.8.7	- Updated Underlying Framework

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4.8.8	- Updated Underlying Framework
4.8.9	- Updated Underlying Framework
4.9.0	- Updated Underlying Framework
4.9.1	- Updated Underlying Framework
4.9.2	- Updated Underlying Framework - Minor UI Fixes
4.9.3	- Updated Underlying Framework
4.9.4	- Added Support to Merge to use the first filename as the filename of the Resultant File using the "Use First Filename" checkbox
4.9.5	- Added the PDF Merge Function - Minor Code Optimization
4.9.6	- Fixed PDF Merge Compatibility Issues with the older macOS
4.9.7	- Removed TIFF Compression - JPEG as it is causing some Conversion not to be saved - Added Grayscale and Color Inversion Support for non PDF to PDF Processing - Minor UI Fixes
4.9.8	- Updated Underlying Framework - Minor UI Fixes
4.9.9	- Updated Underlying Framework
5.0.0	- Updated Underlying Framework
5.0.1	- Updated Underlying Framework - Added Support to Retain File Creation and Modification Dates
5.0.2	- Minor UI Fixes for macOS Tahoe - Updated Underlying Framework
5.0.3	- Updated Underlying Framework - Minor UI Fixes
5.0.4	- Updated Underlying Framework - Minor UI Fixes
5.0.5	- Redesigned the Preferences tab to handle the Full Screen better by taking advantage of the larger real estate
5.0.6	- Updated Underlying Framework - Added to PDF TO TIFF Automator Option to Split Converted PDF to TIFF into individual pages
5.0.7	- Updated Underlying Framework - Fixed UI Issues - Set Minimum OS requirement to macOS 11 Big Sur

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5.0.8	- Updated Underlying Framework

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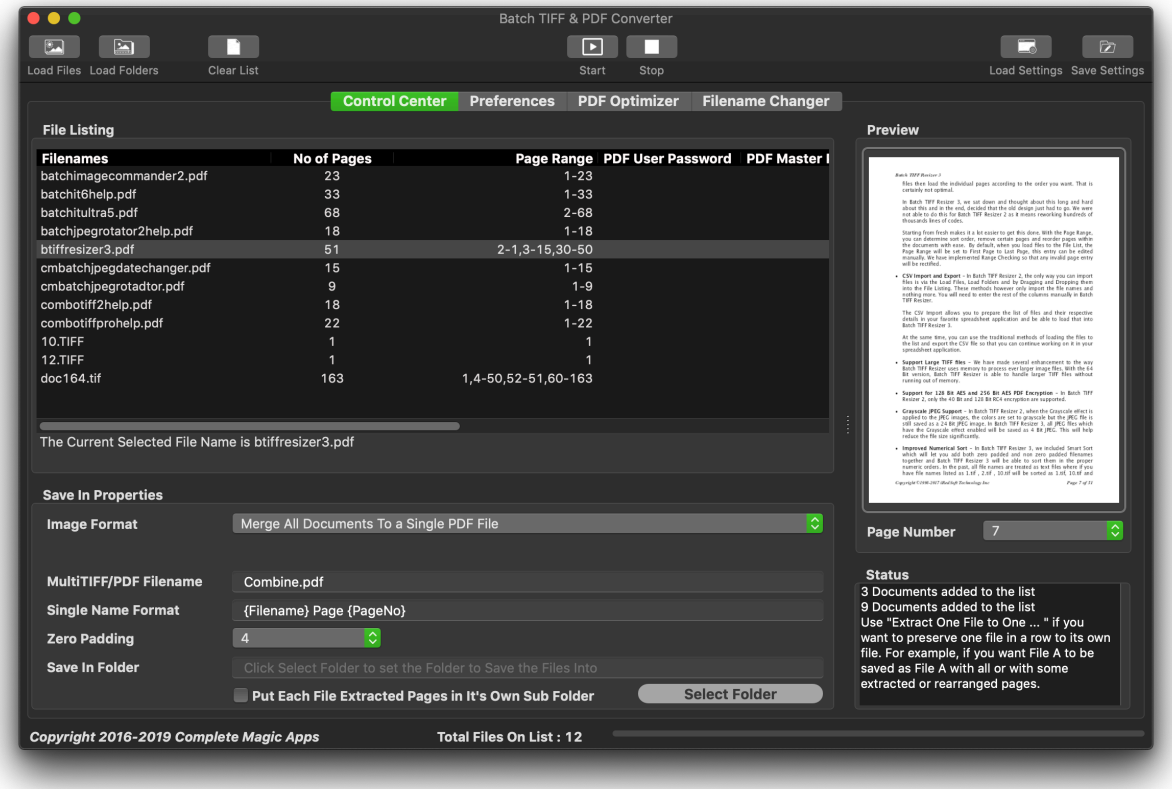
Control Center



The above would be the main screen which you would see when you first launch the app. Batch TIFF & PDF Converter support switching between the Light and Dark Appearance and the accent colors in MacOS 11 Big Sur and supports the Aqua Theme of the prior OS X and MacOS versions.

The main screen contains the toolbar on the top, the File Listing/Preferences tabs on the left, the Image Preview to the right and below that is the Save In Properties.

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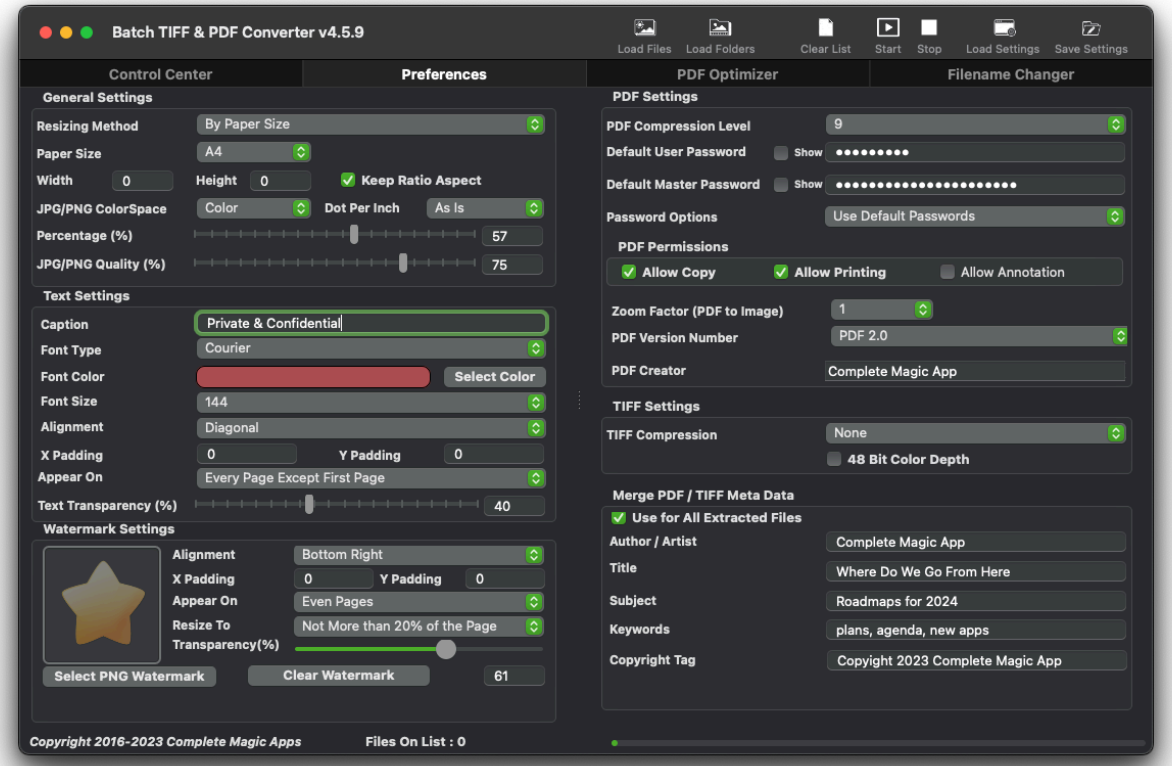
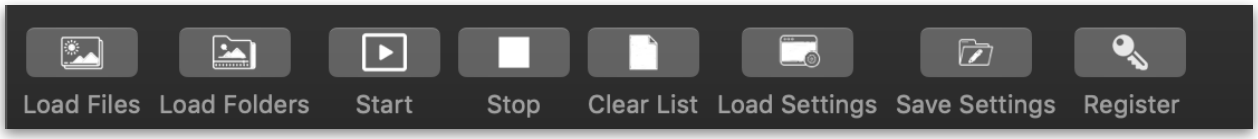


Here's a preview of the Preferences tab

The Preferences tab is where you can fine-tune how you want the files to be processed by resizing, adding text captions, watermarks and other features. We will run through them later in this documentation.

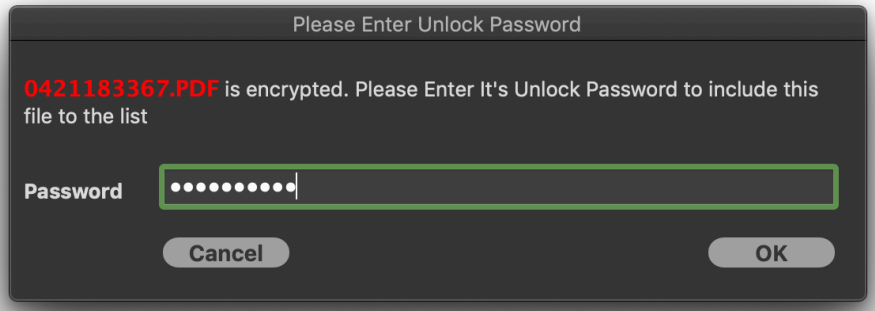
Toolbar



The Toolbar contains 7 (8 if you downloaded from our website) buttons which controls the processing.

LOAD FILES

Load Files is one way to import the documents and image files into the File Listing. This lets you pick one or more files from a single folder. You could bring this up if you want to load up files from different folders.



During importing of a password protected PDF file, you will be prompted to enter the unlock password to add that file into the list such as the screen above. If you do not want to import that file or do not know the password, click Cancel.

LOAD FOLDERS

Like the Load Files, Load Folders let you import supported documents and image files from a folder. You will be prompted to select the the file format you want to load. Once you select the folder, it will prompt if you want to import from the sub-folders too.

START

This will begin the processing sequence. The Status Window will show the files being processed. The resultant files would be saved in the selected Save In folder.

When the app encounters a file or pages of the file which it cannot read, it would skip that file to prevent a crash. When that happens, it will generate a text-readable file titled "BTPC Error List {Date}.txt" which contains all the TIFF files it cannot process.

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STOP

If for some reason you need to stop the processing, click this button. The current file would continue processing and subsequent files on the list would be skipped. The process would not be terminated mid way as it could lead to a damaged file.

CLEAR LIST

This clears the File Listing but does not delete any files in your folders.

LOAD SETTINGS

We understand that Batch TIFF & PDF Converter can be an integral part of your workflow and may use it to process different files with different parameters. As such we included the option to save and load the preferences used in a XML-type file which can be shared or reused.

Load Settings will import such a file and refresh the settings in the App for that tasks. However the Save In Settings is not loaded due to a Mac OS security issue. So you will need to change that after loading the settings.

SAVE SETTINGS

The Save Settings will save all the settings in Preferences into a XML-type file which is text-readable and you can distribute that file or use it to set up different profiles for your different workflows.

This way you would not need to set up all the settings over again for each tasks thus saving you time.

REGISTER

This option is not found on the Mac AppStore version as it uses the Apple's licensing model. On our website version, this will bring up the Registration Window which you can use to purchase a license, import a purchased license file or even convert your Mac AppStore license to our web site version.

For the conversion from Mac AppStore license, you will be prompted to email us for a permanent license. Apple does not provide us with your details so we wouldn't know who purchased our apps.

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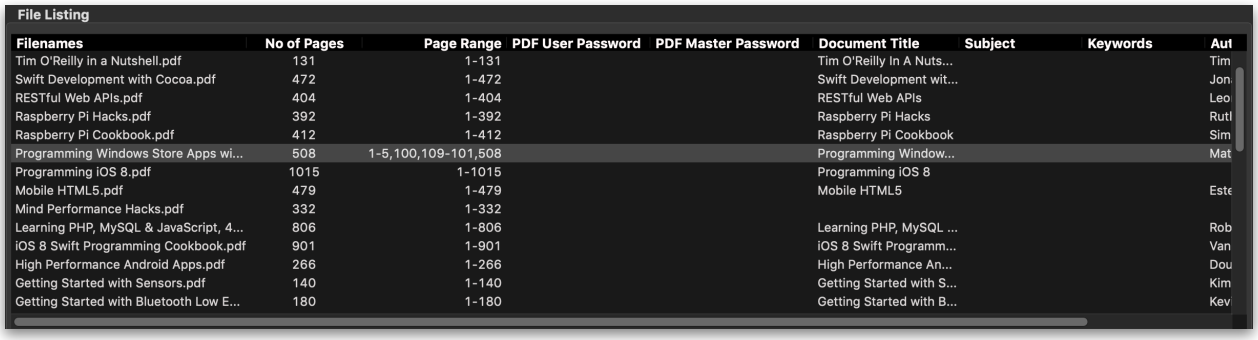
File Listing



The File Listing is where the files you import would show up with the No of Pages, Page Range, PDF User Password, PDF Master Password, Document Title, Subject, Keywords and Author information for the documents. At first view, you might not see all the columns which requires you to scroll if you are not using the full screen mode.

To edit the Editable cell, double click in that column.

FILENAMES

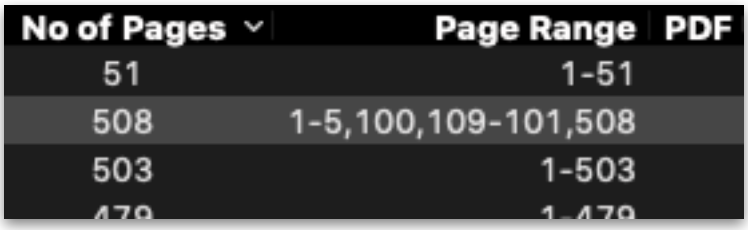
This is the original file name of the file. This field is not editable.

NO OF PAGES

This is the number of pages in the document file. For JPG and PNG, this will always be 1.

PAGE RANGE (EDITABLE)

Page Range may look simple but it is a powerful tool which lets you extract and reorganize pages within that document file.



The the above example, we have a document with 508 pages. We set up the Page Range to be 1-5,100,109-101,508. Let us explore what this would do.

The 1-5 will extract pages 1 to 5. You could set it up as 1,2,3,4,5 but it probably time consuming. The - in this case would support a range. This range can be in ascending or descending order as we will see later.

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The 109-101 will extract pages 101 to 109 in reverse order. So what you get is pages 109,108,107,106,105,104,103,102 and 101 in that order.

In the above example, pages 6 to 99 and 110 to 507 would not be extracted.

You can repeat the pages by just inserting that page number.

After you input the page range and exit from that column, the app will perform the necessary checks to ensure that the range is typed correctly and may adjust to fit within the number of pages in the document.

Symbols	Explanation	Usage Example
1	For a single page, you can include just the page number you require	5
-	This denotes a range of pages and can either be in ascending or descending order	1-5 (Ascending Order) 5-1 (Descending Order)
,	This separate a page number or range	1,5,3-4,10-7

PDF USER PASSWORD (EDITABLE)

This will not be used for Merging to a single PDF file. This is the lower level password which may still contains restrictions that you set such as disabling Printing.

PDF MASTER PASSWORD (EDITABLE)

This is the master password which will unlock all permissions for the PDF document.

DOCUMENT TITLE (EDITABLE)

This will set up that document title header tag for TIFF, PDF and JPG files when saving to non-merged format.

SUBJECT (EDITABLE)

Populates the Subject header tag for TIFF, PDF and JPG files when saving to non-merged format.

KEYWORDS (EDITABLE)

Populates the Keywords header tag for TIFF, PDF and JPG files when saving to non-merged format.

AUTHOR (EDITABLE)

Populates the Author header tag for TIFF, PDF and JPG files when saving to non-merged format.

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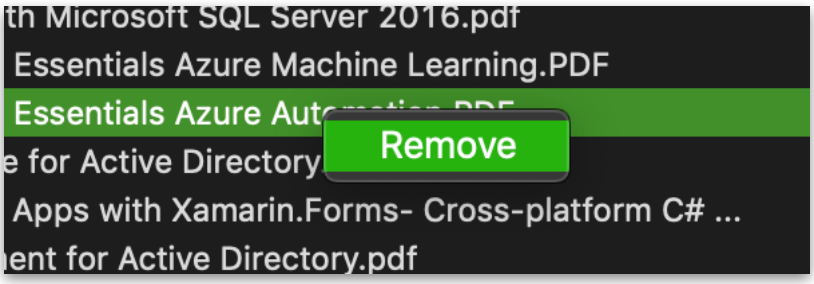
FILE PATH

This is a file path of the image or document file.

DRAGGING AND DROPPING

Apart from using the Load Files and Load Folders, you can also drag the supported files from the Finder into the File Listing.

REMOVING FILES FROM LIST



To remove a file from the list, click on the file name and bring up the contextual menu and click the Remove button. This will remove the file from the list but it does not delete the file.

REORDERING LIST

You can drag each file name on the list to change the order on the list. This is helpful if you are merging the files in a single file.

QUICK PREVIEW

Clicking the filename would bring the document or image in the Preview Window. However, if you want to scroll through the entire TIFF or PDF files, you can opt to use the Quick Preview which uses the Mac Built-in Quick Look framework which you can scroll through the entire document.

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Save In Properties

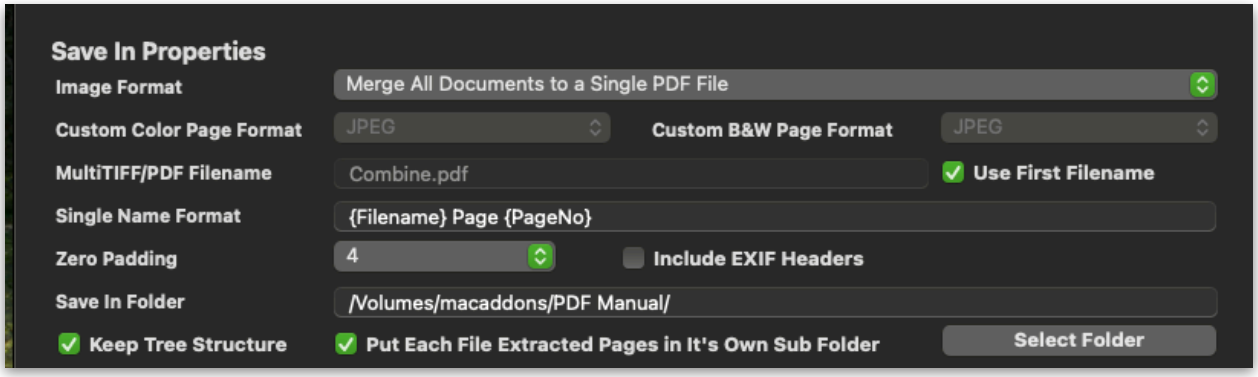

IMAGE FORMAT

The Image Format let you set the type of output file formats of the extracted, rearranged and removed documents.

Image Format	
Merge All Documents to a Single Multipages TIFF	All the documents and images on the list would be merged to a single Multi-page TIFF file. This will use the MultiTIFF/PDF Filename as the resultant file name.
Extract One File to One Multipages TIFF	Each documents and/or images on the list would be treated as a separate entity and would be extracted and reorganized and save as it's own multi-page TIFF file.
Extract to Multiple Single Page TIFF	Each documents and/or images on the list pages would be extracted and save as an individual TIFF file. If the document has only a single page then the resultant file will retain the original file name with the TIFF file extension. If there are more pages, the Single Name Format settings would be used to for the filename.
Merge All Documents to a Single PDF File	All the documents and images on the list would be merged to a single PDF file. This will use the MultiTIFF/PDF Filename as the resultant file name.
Extract One File to One PDF File	Each documents and/or images on the list would be treated as a separate entity and would be extracted and reorganized and save as it's own PDF file.

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Image Format	
Extract to Multiple Single Page PDF Files	Each documents and/or images on the list pages would be extracted and save as an individual PDF document. If the document has only a single page then the resultant file will retain the original file name with the PDF file extension. If there are more pages, the Single Name Format settings would be used to for the filename.
Extract to Multiple Single Page JPEG	Each Page in the documents and/or images would be save as its own JPEG file using the Single Name Format settings.
Extract to Multiple Single Page PNG	Each Page in the documents and/or images would be save as its own JPG file using the Single Name Format settings.
Extract to Multiple Single Page (Custom Page Format)	Like the above, you can use the Custom Color Page Format and Custom B&W Page Format to determine which determine how the color and black and white pages to be saved in. The supported formats are JPG, PNG and TIFF.
Extract to Multiple Text Files	This will extract all the text from a PDF file on the list. If the PDF is created using Scanned Images with text, it will utilise the Vision Framework to perform OCR on the Images provided you are using macOS 10.15 and above. For TIFF, JPG, PNG and all other supported image format, the app will utilise the Vision Framework to perform the OCR function to extract Romanised and Cyrillic text
Extract to Multiple Single Page HEIC	The HEIC format offers a better file size to quality ratio compared to JPEG and it is supported natively on MacOS. Each Page would use the Single Name Format settings.

CUSTOM COLOR PAGE FORMAT / CUSTOM B&W PAGE FORMAT

These two options work when the Image Format is set to Extract to Multiple Single Page (Custom Page Format). Unlike the other options, this let you determine which image format to use when Batch TIFF & PDF Converter detects a color or black & white page.

If the black and white page is saved in the color format or as grayscale, it would be treated as a color page.

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MULTITIFF/PDF FILENAME

This is the filename used when the Image Format is set to either Merge All Documents to a Single Multipages TIFF or Merge All Documents to a Single PDF File.

You can leave the file extension blank as by toggling between the Image Format would update the file extension.

USE FIRST FILENAME

With this option checked, instead of using the MultiTIFF/PDF Filename as the output filename for the Merged File, the first filename on the list would be used instead.

SINGLE NAME FORMAT

This would be the file name format used by the Extract to Multiple Single Page options.

There are two macros used in the filename which includes

{Filename} - The original Filename without the file extension
{PageNo} - The original page number
{RunningNo} - The running number of the extracted pages

If the single name format does not contain either the {PageNo} or {RunningNo}, the {PageNo} would be tagged on to the filename to prevent pages from being overwritten.

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ZERO PADDING

Zero Padding helps pad the number so they are of uniform length so as to make it sort as it should in the finder. This is used for the {PageNo} and {RunningNo} macros.

If this is set to 4 and the number is 20, it will be padded to 0020.

If however the number is lower than the set padding, the padding option would ignored.

INCLUDE EXIF HEADERS

The EXIF Header is typically used by the digital camera to include camera settings, GPS coordinates and other useful information in the JPEG photos. TIFF can technically include such headers to include user data such as Document Title, Subject and Keywords but they typically have to be typed in or embedded through some software.

If this information would not be useful or you know the source does not contain them, you can uncheck this option which should shave off a few kilobytes per photo and speed up the processing.

SAVE IN FOLDER

The Save In Folder is where the converted, extracted, resized documents or images are saved in. Use the Select Folder to select that folder.

When the source and output file are the same format, the output file would be tagged with "_new" as its suffix.

KEEP TREE STRUCTURE

When this option is checked and the Load Folders is used with the option to include All Sub folders, the sub folders structure would be retained under the Save In Folder.

This option would not work if the Image Format is set to a "Merge" option or when Load Files, Drag and Drop or when Load Folders is used without including Sub Folders.

PUT EACH FILE EXTRACTED PAGES IN IT'S OWN SUB FOLDER

This option works when the Image Format is set to one of the Extract to Multiple Single Page formats.

When this option is checked, a sub-folder with the document name would be created and all the extracted pages would be added in that folder.

However when this option is unchecked, all the files would be saved in the Save In Folder.

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Preview Window

The Preview Window shows a small view of the currently selected document. You can use the Page Number drop box to view the different pages of that document.

Bring up the contextual menu and select Enlarged View to bring up the full size view of the page. When you change the page number of the document in the main interface, the preview page will also be refreshed to the new page. In the full size view, you can use the + and - to zoom in and out of the page.

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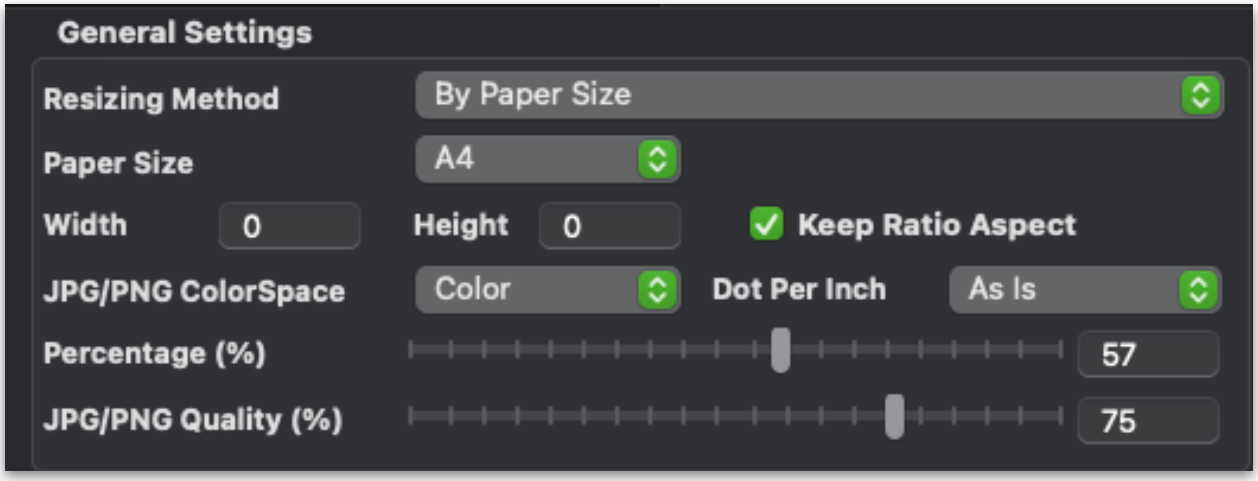
Preferences

On the Preferences tab, there are 5 district settings which includes General Settings, Text Settings, Watermark Settings, PDF Settings, TIFF Settings and Merge PDF/TIFF/JPEG Meta Data controls.

General Settings



RESIZING METHOD

There are 17 Resizing Options

Resizing Method	
As Is	All output files would retain their original dimensions
Downsize by Pixels	This will downsize the document page if they are larger than the Width and Height settings. To maintain the Aspect Ratio, check the Keep Ratio Aspect checkbox
By Percentage	This will resize the pages using the Percentage (%) slider. This will be the percentage based on the original dimension. This goes from 5% and all the way up to 500%.
By Paper Size	This will use the pre-determined Page Size in the Page Size option to resize the documents and/or images
3/4x	Resize the pages to 3/4x the original dimension
1/2x	Resize the pages to 1/2x the original dimension
1/3x	Resize the pages to 1/3x the original dimension

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Resizing Method	
1/3x	Resize the pages to 1/3x the original dimension
1/4x	Resize the pages to 1/4x the original dimension
1.2x	Resize the pages to 120% of the original dimension
1.5x	Resize the pages to 150% of the original dimension
2x	Resize the pages to 200% of the original dimension
2.5x	Resize the pages to 250% of the original dimension
3x	Resize the pages to 300% of the original dimension
3.5x	Resize the pages to 350% of the original dimension
4x	Resize the pages to 400% of the original dimension
4.5x	Resize the pages to 450% of the original dimension
5x	Resize the pages to 500% of the original dimension

Apart from the Downsize by Pixels and By Page Size, the pages would retain the aspect ratio. When using the By Page Size option, the pages would be resized to fit within the page dimension.

PAGE SIZE

This option is used when the Resizing Method is set to By Page Size

The following options are available

- As Is
- Letter
- Legal
- B5
- B4
- A5
- A4
- A3

Setting this to As Is will retain the original dimension

WIDTH AND HEIGHT

Any dimension in pixel above this would be downsized. Setting either the Width or Height as 0 will ensure the ratio aspect is respected.

You can however set both Width and Height and if either page dimension is larger than the entry here, that dimension would downsize to fit the set dimension.

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KEEP RATIO ASPECT

Checking this option would ensure the Ratio Aspect is respected when the Resizing Method is set to Downsize by Pixel.

JPG/PNG COLORSPACE

This option sets the ColorSpace for the exported JPEG and PNG output. The options include Color and Grayscale.

DOTS PER INCH

This sets the DPI settings for the pages and document. This setting is relevant for TIFF documents.

PERCENTAGE (%)

This is used when the Resizing Method is set to By Percentage. This goes from 1% to 500% of the original dimensions.

JPG/PNG QUALITY (%)

This determines the image quality of the output JPG and PNG images. The lower the quality, the smaller the file size. The best file size/quality ratio is between 70 to 85%.

* For the Percentage and JPG/PNG Quality (%), you can use the slider to adjust to the settings you want or you can manually type it in. There is a 2.5 seconds delay when you type the numbers in before it is adjusted by the slider. If that you type falls below or above the acceptable number, it will be adjusted to that minimum or maximum number.

GRAYSCALE

This applies the Grayscale filter to the images to simulate grayscale.

COLOR INVERSION

This would apply color inversion which is useful for converting negative images to positive ones. This works best on 1 Bit TIFF Images which is akin to light mode to dark mode or vice versa.

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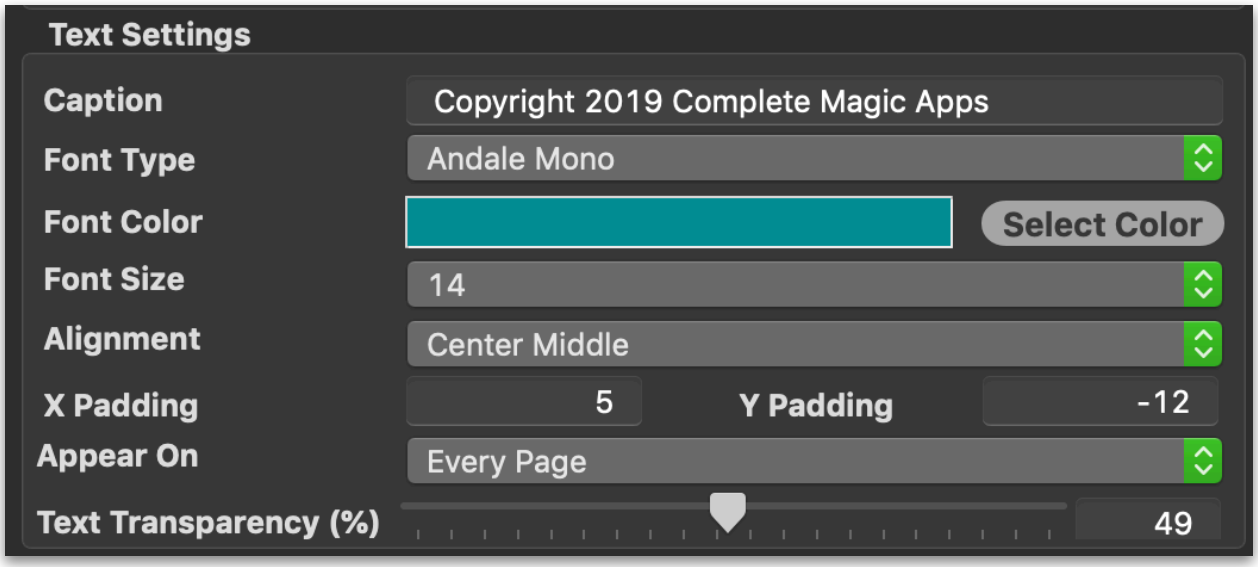
Text Settings



The Text Settings let you add a text caption to your documents and/or images. This can be in the form of a copyright text or anything which may be relevant to your document.

CAPTION

This is the text caption to be used. If there is left blank, no text caption would be added to the document. Captions are typically used to add copyright tags to the pages. To ensure that these are not removable, they are printed directly into the pages and are not searchable. To add searchable text, use the Bates Numbering feature.

FONT TYPE

The Font that would be used for the text caption.

FONT COLOR

Use the Select Color to bring up the color picker to select a font color.

FONT SIZE

This set the font size for the text caption

ALIGNMENT

There are 10 alignment options

- None
- Top Left

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- Top Middle
- Top Right
- Center Left
- Center Middle
- Center Right
- Bottom Left
- Bottom Middle
- Bottom Right
- Diagonal

Setting this to None would disable the text caption option.

Diagonal would draw the text from left bottom to right top at a 45° angle.

X PADDING AND Y PADDING

Typically when you set the alignment, all the heavy lifting in calculating the coordinates is handled by the app but it may not always be as you want. With that, you can use the X Padding and Y Padding to fine-tune the text caption.

APPEAR ON

As with TIFF and PDF, you can have more than one page and thus this option allows you to determine on which page you want the text caption to appear on.

There are 7 options available which includes

- Every Page
- Every Page Except First Page
- First Page
- Last Page
- Even Pages
- Odd Pages
- Odd Except First Page

The above options are self-explanatory. However a point to note is that if there is only a single page in the output file then only the following options will yield a result

- Every Page
- First Page
- Odd Pages

TEXT TRANSPARENCY (%)

Setting this to 0 would make the text caption fully opaque and 100 would make it fully transparent.

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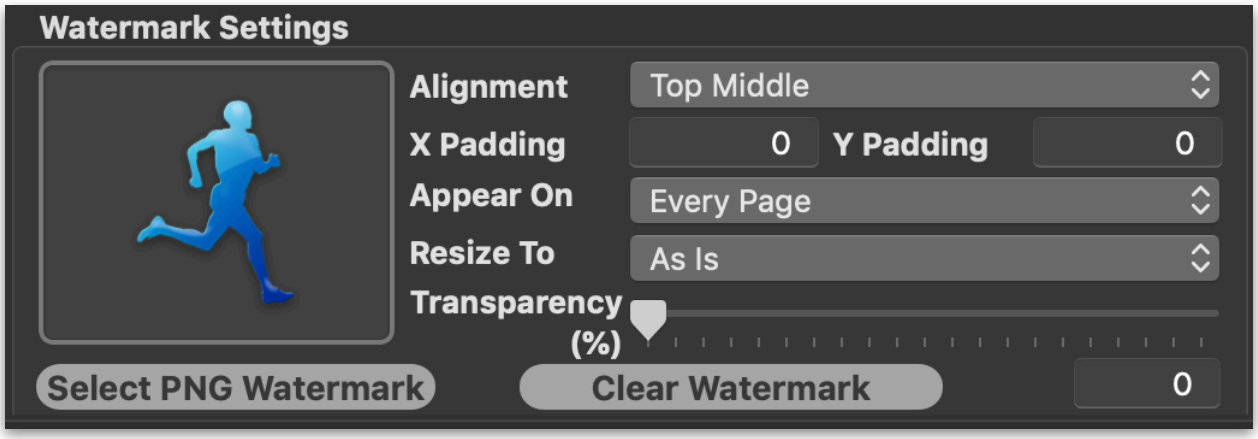
Watermark Settings



Like text caption, the watermark is a image such as a logo which you can add to the page. Currently only PNG images are supported as they support alpha channel which can be used to determine the background color.

Use the Select PNG Watermark to pick the PNG watermark. Once loaded, it would show up in the watermark preview. A copy of the watermark would be saved in the Application Support folder.

Clear Watermark will clear the clear the watermark.

ALIGNMENT

The current alignment includes

- None
- Top Left
- Top Middle
- Top Right
- Center Left
- Center Middle
- Center Right
- Bottom Left
- Bottom Middle
- Bottom Right

X PADDING AND Y PADDING

Like in the case of the text caption, the X Padding and Y Padding lets you fine-tune the position of the watermark.

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APPEAR ON

This determines on which page the watermark would appear on.

The options are

- Every Page
- Every Page Except First Page
- First Page
- Last Page
- Even Pages
- Odd Pages
- Odd Except First Page

RESIZE TO

Batch TIFF & PDF Converter supports PNG Watermark but instead of restricting the watermark dimensions, any dimensions are supported. However this may pose an issue if the watermark is larger than the pages itself and as such we have you covered.

The Resize To will resize the watermark if they are larger than the percentage that is selected.

The options are

- As Is
- Not More than 10% of the Page
- Not More than 20% of the Page
- Not More than 30% of the Page
- Not More than 40% of the Page
- Not More than 50% of the Page
- Not More than 60% of the Page
- Not More than 70% of the Page
- Not More than 80% of the Page
- Not More than 90% of the Page
- Same Size As Page

If the watermark is smaller than the percentage, the watermark would not be resized.

As Is will not resize the watermark. Setting it to Same Size As Page will resize the watermark to fit the dimension of the page.

TRANSPARENCY (%)

This sets the transparency of the watermark. 0% will set it to fully opaque and 100% will set it to fully transparent.

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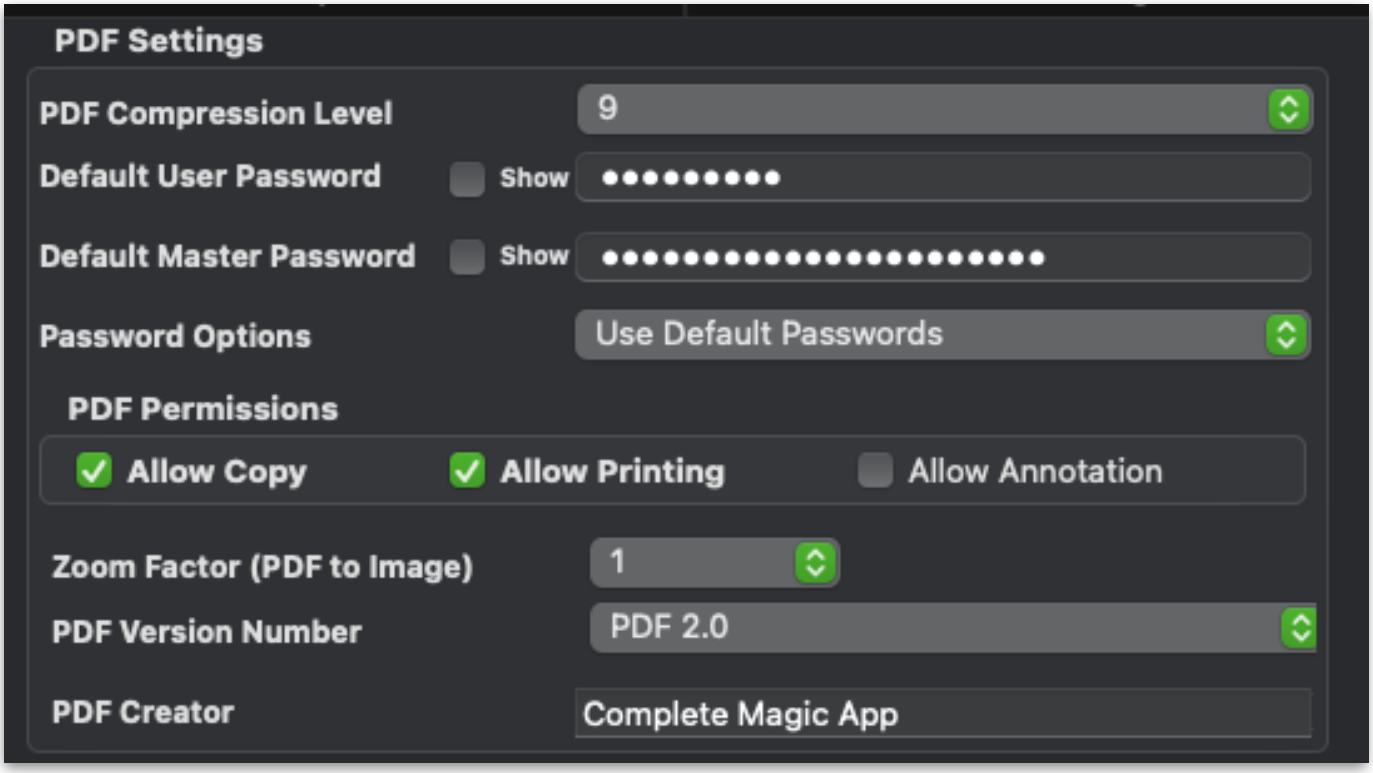
PDF Settings



These are specific PDF Settings

PDF COMPRESSION LEVEL

This is a document wide compression which includes 1 to 9. 9 being the highest compression. Typically a graphic intensive PDF will benefit from the compression. If it is mainly text based then the file size saving is minimal.

PDF USER PASSWORD

This is the user level password. Use this password option if you want to password protect the file for the user. When a password is entered here, the user will need to enter this same password to unlock the file to view it.

If you do not want to create a password protected file, just keep this option blank.

The Show checkbox at the side will toggle to show or to hide this password.

PDF MASTER PASSWORD

Unlike the User Password, the PDF Master Password is the master key and when this is entered would unlock not only the PDF file by override any restrictions that may be set.

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If this password option is used but the PDF User Password is left out, the PDF file can still be viewed and the status listed as Secured. However, it works best when both Password options are entered.

PDF PERMISSIONS - ALLOW COPY

When this option is checked, the user can copy and paste the text within the PDF document and when it is unchecked, copying is disabled.

PDF PERMISSIONS - ALLOW PRINTING

If you do not want your user to print this document, uncheck this option and the Print button will be disabled from the PDF viewer.

This option will allow your user to annotate the PDF document as and where the support is available. Unchecking this will disable this feature.

PDF PERMISSIONS - ALLOW ANNOTATIONS

This will flag the PDF viewer to disable the annotation feature.

Typically, full permission would be enabled if the user enters the master password. These PDF Permissions flags are just tags and mainstream PDF viewer will respect them. However, it is possible that the PDF Viewer will disregard those flags.

ZOOM FACTOR

Setting the Zoom Factor to 1 will result in a 1 to 1 conversion of the PDF to Image Dimensions taking account the Dots Per Inch settings.

As the PDF document when created by a word processor would generally contains resizable text, this is not so with image formats such as TIFF, PNG or JPEG. For small text, you can use the Dots Per Inch settings to increase the "zoomability" of the text and for better text clarity.

The Zoom factor when being used will increase the document dimensions based on the factor being used. One technique was to use a slightly higher Zoom Factor and then downsizing the page to the dimension you want using the Resizing Method to bring down to the correct page size.

For general usage, the zoom factor of 1 should suffice.

PDF VERSION NUMBER

For basic implementation, the PDF 1.4 would meet most needs. However there may be times you might need to change the PDF Version Number to ensure compatibility with your PDF viewers.

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The supported Version includes

- PDF 1.4
- PDF 1.5
- PDF 1.6
- PDF 1.7
- PDF 2.0
- PDF/X-4
- PDF/A 1a
- PDF/A 1b
- PDF/A 2a
- PDF/A 2b
- PDF/A 2u
- PDF/A 3a
- PDF/A 3b
- PDF/A 3u

As to which version to use is beyond the cope of this documentation. Based on the document contains, the PDF Version may be adjusted to meet the document requirements.

PDF CREATOR

The PDF Creator tag is typically reserved for the name of the app the first created the document either in PDF or in a prior format.

Batch TIFF & PDF Converter will retain the original creator tag if one is found. If not, it will tag it with the one you entered. This is an optional tag which does not affect the document. You can enter anything you like here.

However, if the Merge Operation is enabled or if the Use for All Extracted Files is checked then this PDF Creator tag will be used instead.

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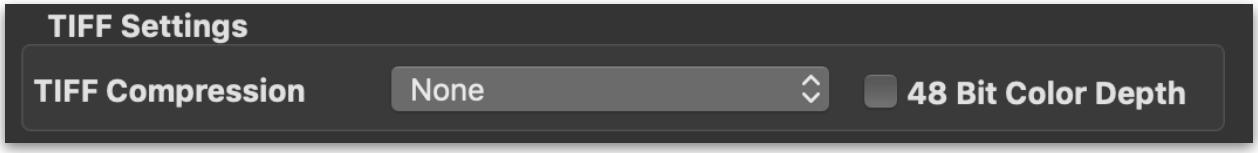
TIFF Settings



TIFF COMPRESSION

The Supported TIFF Compression includes

- None
- Packbits
- LZW
- CCITT G3
- CCITT G4
- Deflate
- CCITT RLE
- LZW Grayscale

The CCITT compressions were created for the Fax machine and handles only black and white document.

LZW Grayscale saves the pages as 8 Bit Grayscale.

The other TIFF compressions handle Color images and pages.

None would save the TIFF file without compression which would yield the largest file size.

48 BIT COLOR DEPTH

When this option is selected and the TIFF Compression is set to one which supports Color, the color depth would be increased to 48 Bit if they are not already 48 bit.

Otherwise the color images would be saved as 24 Bit.

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Merge PDF / TIFF Meta Data

When the Image Format is set to a Merge All Documents to a Single Multipages TIFF or Merge All Documents to a Single PDF File. These Meta Data would be used for the documents.

USE FOR ALL EXTRACTED FILES

For other Extract Image Formats, the respective meta data in the File Listing would typically be used. If the original files contain those data, it would be populated in the File Listing. If you want to retain them, you would not need to do anything. You can overwrite them by changing those data in the File Listing.

However, you can overwrite the Extract to Multiple Single Page and Extract One to One class of Image Format to use these universal tags by checking the Use For All Extracted Files.

COPYRIGHT TAG

For JPG and TIFF Files, you can add a copyright tag to the Header. All you need to do is to enter it here. If you leave it blank and the original files contain the copyright tag, those would be used.

RETAIN FILE CREATION AND MODIFICATION DATES

By default, all files would use the current date and time when they are created and if you want it to retain the original file date, check this option.

For All Merge options, it would take the date from the first file on the list as the Creation and Modification Date.

For the One to One options, the dates of the input file would be used. The Extract Multiple Single Pages would also use the original input file dates.

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PDF Optimizer

Added in v3.5.0 is the new PDF Optimizer function. It works as an independent module which purpose is to compress PDF files to yield a much smaller PDF file size while still retaining the quality of the document.

There are several online sites which can perform the PDF compression but it requires you to upload your documents to them. CM PDF Compress does the compression on your Mac and thus ensuring that your documents remain private to you and you only.

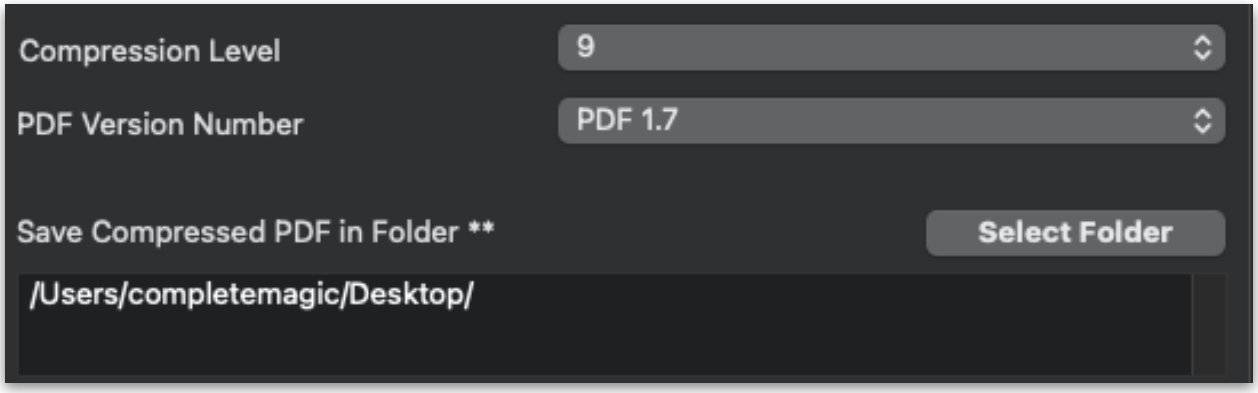
It also provides several customizable settings including

- Keeping the DPI of the document images within a certain range
- Set the JPEG Quality for the JPEG photos and images within the document
- Provides the option to retain the original PDF Creation and Modification File Dates
- Works with Password Protected PDF files (You will be prompted to enter the password of the protected PDFs which will be used to unlock the PDF files so it can perform the compression and CM PDF Compress will lock the compressed files with the same password)
- Retain PDF header information and Permissions

The app would upgrade the PDF Version Number to v1.4 if it is lower to ensure compatibility.

You will use the same Load Files, Load Folders and Drag and Drop methods to import the PDF files to the list.

Preferences



The Preferences pane contains controls which would determine how the PDF files would be compressed and where they would be saved in.

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COMPRESSION LEVEL

The compression level is 1 to 9. 9 being the highest compression level. As Is would skip the compression process. Once you set the compression level, the app will tweak all the levers in the background to ensure the best image quality while reducing file size.

PDF VERSION NUMBER

This allows you to set the PDF Version Number based in your requirement. This includes the standard v1.4 to v2.0 which compiles with the Adobe PDF standards.

SAVE COMPRESSED PDF IN FOLDER

Use the Select Folder to choose a folder in which the compressed PDFs would be saved in. It would be prudent to set this as a different folder as the original PDF files.

Once compression is performed, there would not be anyway to recover the original files if it is set to overwrite the originals.

This option cannot be left blank and if this is not set, the application will prompt you when you click the Start Compression button.

RETAIN ORIGINAL CREATION AND MODIFICATION DATES

By default, the new compressed PDFs would be newly created and creation and modification would reflect the current date and time.

When you check this option, the application will use the best effort to retain the original files' creation and modification dates.

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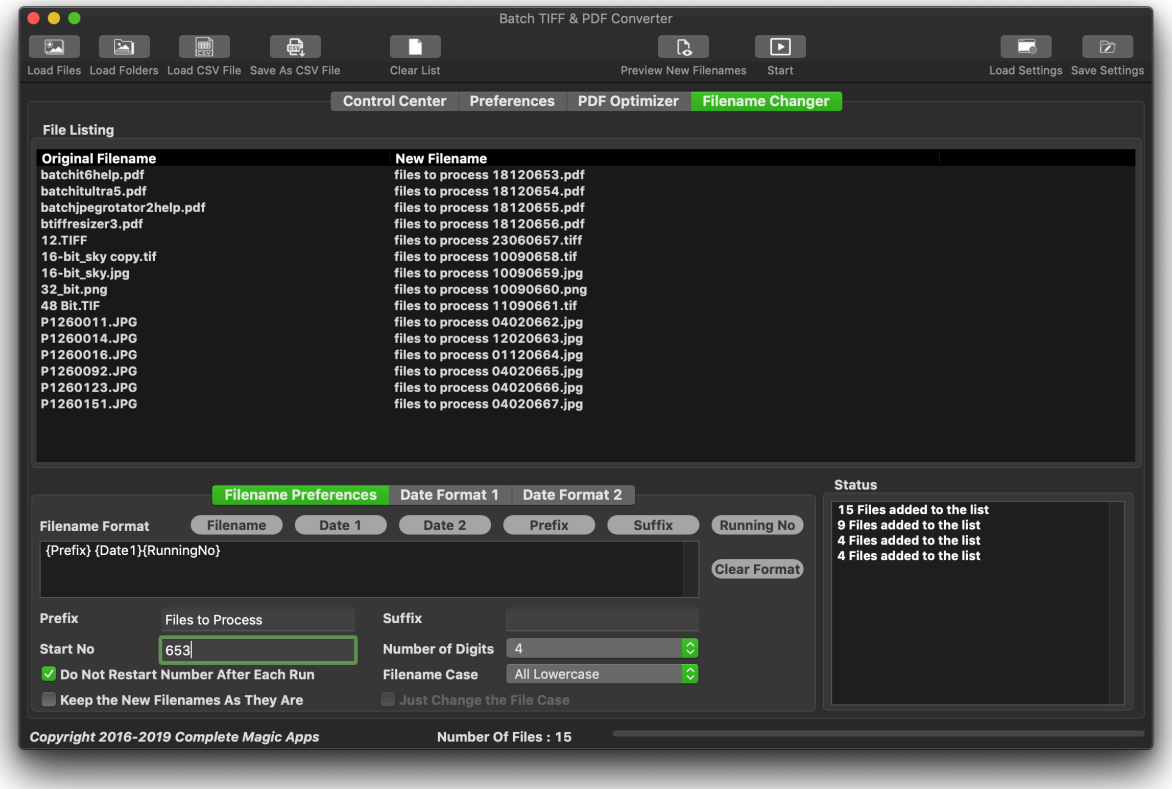
Filename Changer



Introduced in v3.5.5 is our Batch Filename Changer which can be used to handle all types of files and not just TIFF and PDF. It has an ultra fast engine which works independently from the rest of the app to filename files. This can come in handy.

Due to the Mac AppStore's Sandbox restriction, implementing the filename changing module on existing files was not a straightforward process. Under the sandbox restriction, only files in the sandbox area have unrestricted access. For it to work with external files (outside the sandbox) such as your files, you will need to use the Load Files, Load Folders or by dragging and dropping the files to the app. This will grant the necessary permission to those files. However, renaming files is somewhat akin to writing new files to the folder since the name is changed and the sandbox restriction would prevent the name change.

To allow the name change, when you start the filename changing process, the app would go through the folders and see which folders have not been granted write permissions and you get a popup requesting your permission to write to those folders. Basically these are the folders in which the files which you added to the filename changer's file listing are located. If you deny the write permissions, the files in those folders would not be renamed.

The sandbox restriction does not apply to the installer downloaded from our website.

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LOADING FILES TO THE LIST

The standard Load Files, Load Folders and Drag and Drop method of adding files are supported.

In additions to those, the Filename Changer module supports Loading a CSV file and even saving it. The CSV or Comma Separated Values is a text-readable file which contains a spreadsheet like content which can be edited from TextEdit, Numbers, Excel or a third party app.

CSV FILE FORMAT

If you have a ready CSV file generated by another app, you can import it into Filename Changer module using the Load CSV file.

The current format for the CSV file is

original filename,new filename
original filename,new filename
original filename,new filename

Keep the CSV file in the folder which contains the files you want to rename and the app would pick up the list from there.

The new filenames in the CSV would pick up the file extension of the original filename to ensure compatibility.

When loading the CSV file, the Filename Changer tab would check if the file exist in the folder prior to importing into the file listing. When importing the CSV file, the Keep the New Filenames As They Are would be checked to ensure that new filename from the CSV files would not be overwritten by the Filename Format engine.

You can save a snapshot of the new filenames by doing a Save CSV File of the changes made. After which you can reload it if you need to undo the changes.

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Filename Change Procedure

Let's get to the two buttons, Preview New Filenames and Start on the toolbar which are crucial to the file naming process.

PREVIEW NEW FILENAMES

Filename Changer can batch rename files in a matter of seconds and the changes are not reversible as such previewing the new filenames is an important process. Previewing filenames does not change the original filenames so you can tweak till you are happy.

If the Keep the New Filenames As They Are is checked and the Just Change the File Case is unchecked, you would not see any change to the new filenames. These options would ensure that what you change would not be overwritten.

To preview or make further changes to the filenames after you have began the Start Process, do reload the list.

START

Once you are satisfied with the settings, this button would start up the file naming engine. Once you click this, just sit back and let the renaming begin.

The Filename Changer is built with two processing threads to speed up the entire process and in most cases would complete the job within seconds.

The Filename Changer would retain the original File Creation and Modification Dates while changing filenames.

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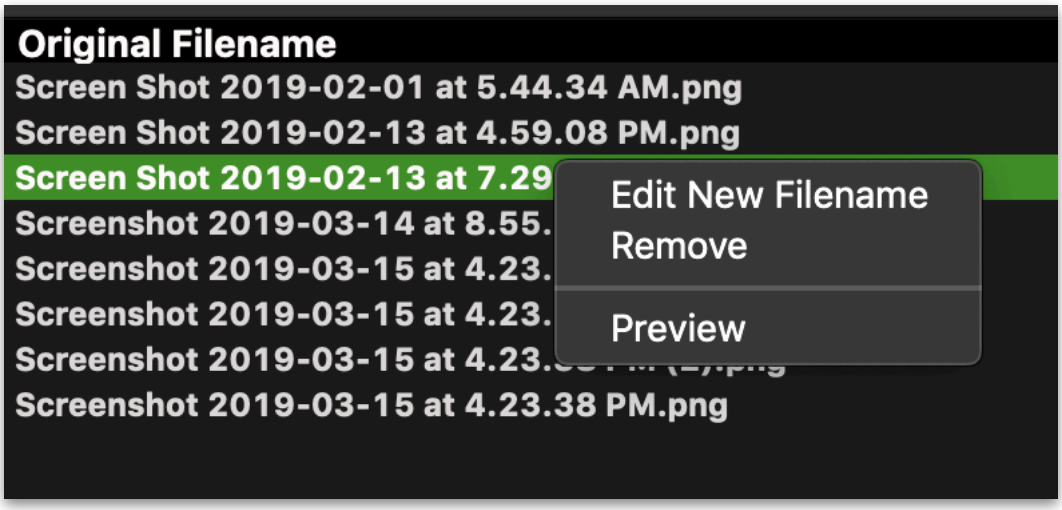
File Listing

The File Listing contains the list of the original and new filenames.

The New Filename columns is editable. Select the New Filename column of the file you want to change and click in it. When making the change in the individual filename, the Keep the New Filenames As They Are would be checked. Do not worry about the file extensions as it would use the file extension of the original filenames.

CONTEXTUAL MENU



Select the Original Filename, you can bring up the contextual menu which gives you the option to Edit New Filename, Remove file from the list or preview it.

Edit New Filename would cause the New Filename column to be editable.

Remove would remove the filename from the list but would not delete the file from the folder.

Preview would bring up the Quick Look Preview Window. Close the Preview Window before selecting the next file.

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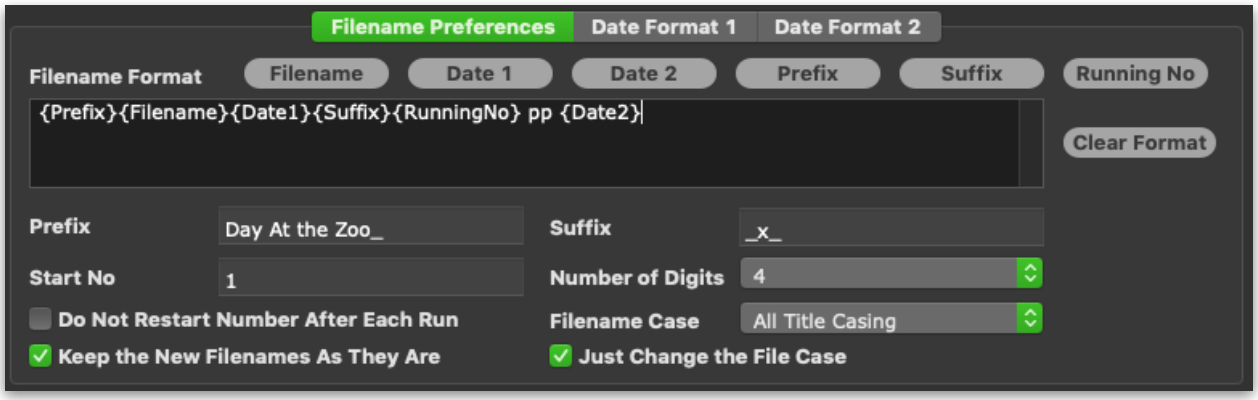
Filename Preferences



The Filename Preferences sets up how the new filename would look like.

On the top of which, we have the filename editor which lets you set up the Filename Format. In Filename Changer, we use macro tags which are tags in curly braces { } which would be substituted to the actual data. You can also type them manually or use the provided buttons to ensure the tags are properly formatted.

SUPPORTED TAGS

Name	Tags	
Filename	{Filename}	The original filename without the File Extension
Date 1	{Date1}	Insert the Date Format 1's Date Format
Date 2	{Date2}	Insert the Date Format 2's Date Format
Prefix	{Prefix}	Insert the Prefix Static Text
Suffix	{Suffix}	Insert the Suffix Static Text
Running No	{RunningNo}	Insert the Running No using the Start No and Number of Digits settings

RUNNING NO

The Running Number not just supports adding a running number starting with the Start No's as the first number for the first file and increment from there.

The Number of Digits helps pad the running number so that they can be sorted as they should.

For example, if the Number of Digits is set to 4 and the Start No set to 1, the running number sequence would be 0001, 0002, 0003, 0004 and so on. Setting the Number of Digits to 5 will yield the same sequence as 00001, 00002, 00003 and 00004.

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If the Number of Digits is set to 2 and the Start No set to 1, you get 01, 02, 03, 04 …. 10, 11 and so on.

FILENAME FORMAT EDITOR

The Filename Format Editor lets you set up the filename format. You can use the preset buttons to add the macro tags to the editor. In the editor, you can enter your own static texts together with the macros. Filename Changer has a mechanism to prevent editing text within the curly braces. You can type in your static text outside of the { }.

With the Editor, you can enter as many macros in any order that you want. The Prefix and Suffix can be placed in any order.

To delete a macro tag, select the entire tag including the { } and click delete.

If the filenames are the same for two or more files, they would be overwritten.

The minimum requirement for the Filename Format would be either the Filename, a date or the running number. Anything to make the filename for the filenames unique.

If the filenames are the same for two or more files, they would be overwritten.

CLEAR FORMAT

The Clear Format button would clear the Filename Format Editor so you can set it up from fresh.

PREFIX AND SUFFIX

Although the prefix is a text placed before the words and suffix is the ones after but as you can determine the tags as you desire, it does not have the same meaning in the app. This gives you the option to enter up to you static texts in the filename. This provides a quick way of adding predetermined text instead of having to type them over and over again.

START NO

This is the first number used for the {RunningNo} macro tags for the first file on the list. The subsequent files would be increment by one.

NUMBER OF DIGITS

This sets up the length of the running number with padding. A Number of Digits of 5 would pad the running numbers to a maximum of 5 places. So a running number 100 would be padded to 00100.

However if the numbers are longer than the set Number of Digits, no padding would be used.

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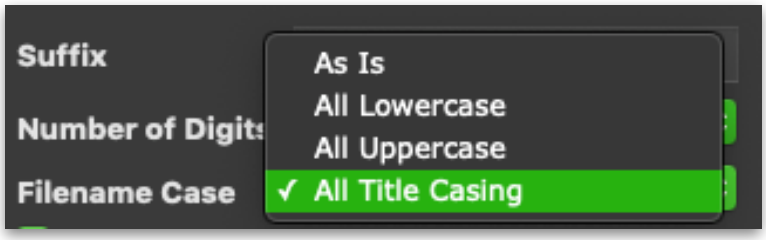
DO NOT RESTART NUMBER AFTER EACH RUN

When this option is unchecked, the Start No would remain as the same as you have entered.

If however, this is checked, the Start No would increment after each run to the next number.

For example, if the initial Start No is 1 and say you have a list of 50 files, after the 50 files have been renamed, the Start No would change to 51 for the next run if this option is checked. Otherwise it will remain as 1.

FILENAME CASE



You can use the Filename Changer to change the case of your filenames.

There are several options available which includes

As Is	This keeps the filenames as it is
All Lowercase	This will change the filenames to all lowercase
All Uppercase	This will change the filenames to all UPPERCASE
All Title Casing	This will use Title Casing which would change all the first letter in the phrase to upper case and the rest to lower case.

This can be useful if the files are being used on a case-sensitive Operating System or to make it easier to read.

KEEP THE NEW FILENAMES AS THEY ARE

By default when this option is unchecked, the filename changing engine will use the Filename Format to determine the new filename.

However, we understand that you might want to fine-tune the filenames for each file or via importing of the CSV files. When the Load CSV File is used, this option would automatically be checked. You can uncheck it if you want to do the built-in engine.

Checking this option will use the New Filename as they appear.

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JUST CHANGE THE FILE CASE

This option would be enabled when the Keep the New Filenames As They Are is checked. When this is checked, the new filenames which you entered would be change the case based on the Filename Case option but otherwise the Filename Format option would not be used.

This is useful if you just want to change the file case of the filenames.

Although the app does not prevent any characters to be used, it is however best to avoid the following characters to ensure compatibility with the different Operating Systems

/ \ ? % * : | " < > ' &

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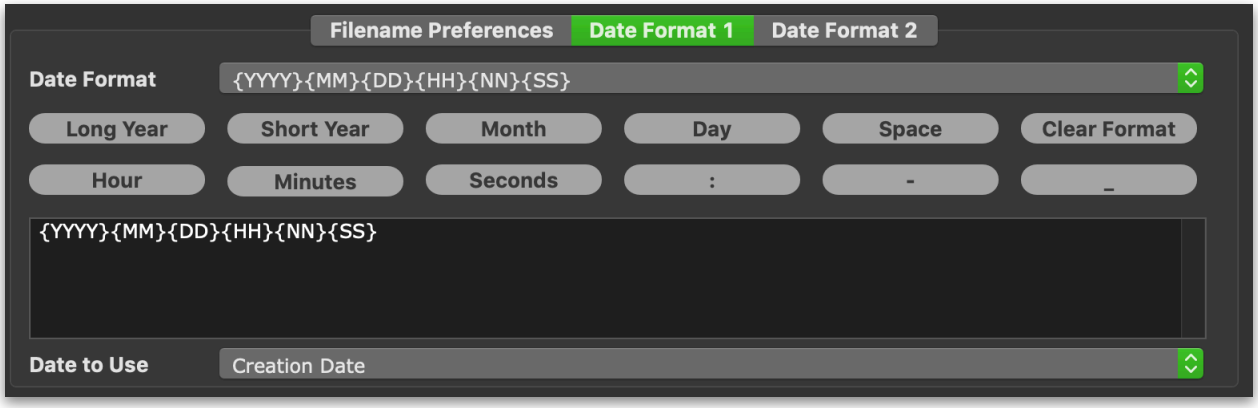
Date Format



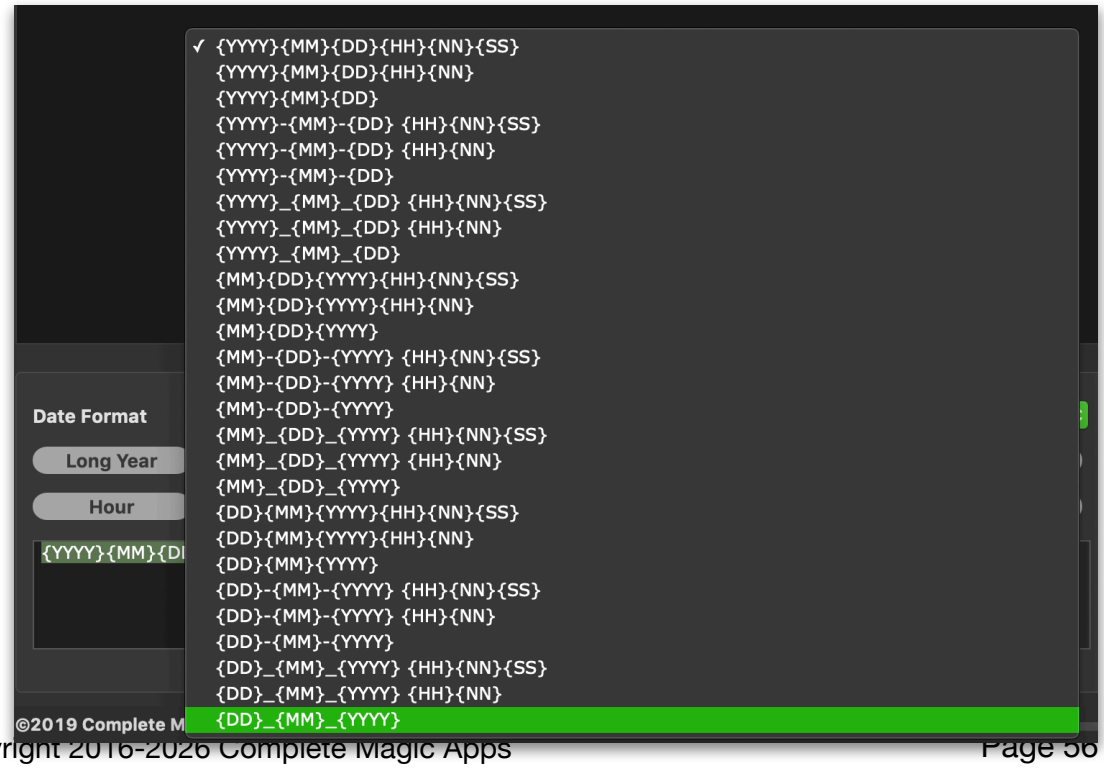
The Filename Changer provides two date macros {Date1} and {Date2} to be used in the filename. This way you can set up two different formats.

The Date used can be either Creation Date or Modification Date. Use the Date to Use to switch between the two.

As with the Filename Format, you can use the Date Format Editor and Quick Macro buttons.

For the Date Format, we included the commonly used Date Formats which are commonly used. You can enter use a preset Date Format or build the format yourself.

DATE FORMAT



Included are several preset date options which you can use or use as the starting point to building the date format.

Name	Tags	
Long Year	{YYYY}	This will use a 4 digit year eg 2019
Short Year	{YY}	Short Year would use the 2 digit year eg 19
Month	{MM}	This is the numeric month which is padded to 2 digits. For example, July would be 07
Day	{DD}	The numeric day is also padded to 2 digits
Hour	{HH}	The Hour in the 24 Hour format
Minutes	{NN}	As {MM} represents Month, we are using {NN} for file minutes
Seconds	{SS}	The 2 digit seconds
:	:	Add a colon :
-	-	Adds a dash -
_	_	Adds a underscore _
Space		Adds a spacing to the Date Format editor

DATE FORMAT EDITOR

As with the File Format Editor, the Date Format Editor lets you set up the format of the dates which would be used.

DATE TO USE

Filename Changer can use either the Creation Date or the Modification Date of the file.

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Basic Steps to using the Filename Changer

The Filename Changer is made with flexibility and simplistically in mind.

STEP 1 LOADING FILES

The First Step would be to get the files you want to change to the application. To do this, you can use the Load Files, Load Folders, Drag n Drop or use the Load CSV File method to import the files.

STEP 2 SET UP THE FILENAME FORMAT

Under the Filename Preferences, you can use the Filename Format Editor with the macro buttons to set up the filename formats.

If you are using Dates within the Filename, you can set up the Date Format

STEP 3 PREVIEW FILENAMES

To get a preview of how the filenames would look like, click the Preview New Filenames to check how the new filenames would look like.

You can change the filename formats until you are satisfied. The preview does not change the actual files so you would not need to worry about using the preview.

STEP 4 CHANGE FILENAMES

Once you are happy with the previews, click the Start button. This will begin the filename changing process.

You may be prompted to grant permission to write in the folder of your files. This is to enable that the app can rename the files. If the write permission is denied, the files in those folders would be skipped.

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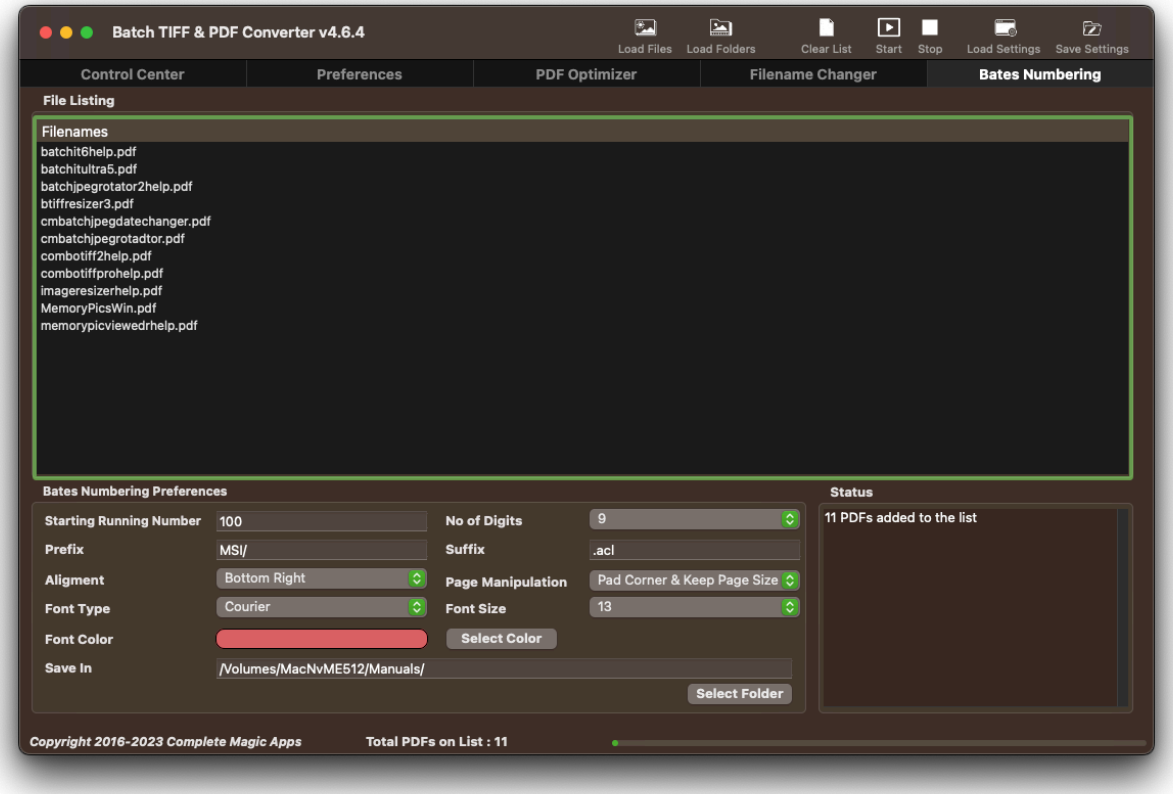
Bates Numbering



Bates Numbering adds a searchable serial number on each page of the document which makes searching for pages easier. This typically comes with prefix, a padded running number and a suffix. This only works with PDF files both unencrypted and password protected versions.

FILE LISTING

The File Listing is where the files that will be processed are listed. You can get the files in using the Load Files, Load Folders or Drag and Drop them into the list.

You can also reorder the list by dragging and dropping them within the list.

STARTING RUNNING NUMBER

This sets the first serial number of each run.

For example, if you have two documents

1.pdf with 10 pages and
2.pdf with 4 pages

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When you perform the run, the first page of 1.pdf will be 1, second page will be 2 and so on. For 2.pdf, the first page will be 11 and so on.

NO OF DIGITS

The number of digits will pad the running number to fit the required length. As with the Bates Numbering convention, the app offers a range between 4 to 12 digits.

PREFIX AND SUFFIX

The prefix will be added to before the running number and suffix after the running number. So if you have Prefix set as MSI/ and Suffix as .acl with the No Of Digits set as 4, you get the following serial numbers

MSI/0001.acl
MSI/0002.acl
….
MSI/0014.acl

ALIGNMENT

As with Bates Numbering convention, 4 alignments options are offered

1. Top Left
2. Top Right
3. Bottom Left
4. Bottom Right

PAGE MANIPULATION

There may be times when the documents may not have margin at where you want the bates numbers to be on which may cause the bates numbers block the existing texts.

Currently there are 3 options

1. None
2. Pad Bates Number Corner
3. Pad Corner & Keep Page Size

None	No Manipulation is performed on the page.
Pad Bates Number Corner	The app will pad the height of the document to enable the bates numbers to be added in a blank space. This will result in a taller document which is the original height+font height of the bates number.
Pad Corners & Keep Page Size	This option is similar to the Pad Bates Number Corner but does not result in changing the document dimensions. It however would shrink the document page to allow for the bates numbers to be added to a blank space.

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FONT TYPE

To ensure compatibility, only the following font types are supported as form the base PDF fonts.

1. Courier
2. Courier Bold
3. Courier Bold Oblique
4. Helvetica
5. Helvetica Bold
6. Helvetica Oblique
7. Helvetica Bold Oblique
8. Times Roman
9. Times Bold
10. Times Italic
11. Times Bold Italic

FONT SIZE

To ensure compatibility, the font size supported ranges from 12 to 30 points. Typically 12 to 14 are being used.

FONT COLOR

This defines the color of the fonts. You can either click on the color bar or the Select Color button to bring up the Color Picker.

SAVE IN

This is the location where the bates numbered pdf files are being saved in. Keeping it separate from the original files location would ensure that if there is anything that goes wrong, you can recover the original files.

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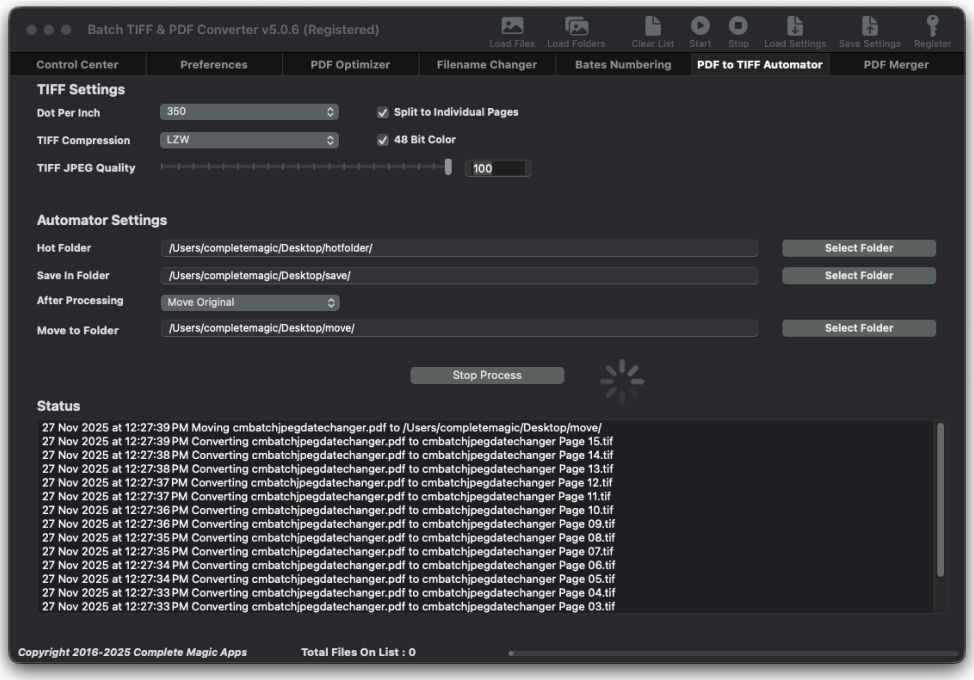
PDF to TIFF Automator



The PDF to TIFF Automator is introduced in v4.7.1 and it works by monitoring a Hot Folder for incoming PDF documents and converting them to TIFF. You have the option to Save the TIFF files in the same folder as the Hot Folder or in a new folder. There is the option to either delete the original PDF or move them to a new folder after it is worked on.

As with Apps available through the App Store, the PDF to TIFF Automator puts you in control. The automator will start when you click the Start Process button and will continue to run as long as the app is running either in the foreground or background. It works independent on the other tasks you have it perform. The process will quit when you click the Stop Process or Exit from the app.

As this is an automated process, it will not work with password encrypted PDF documents. If you want to work with password protected PDFs, use the standard conversion method or remove the encryption to allow the automator to work with them.

HOW IT WORKS

Once the Start Process button is click, the Automator engine will begin the background monitoring any incoming PDF documents in the Hot Folder. For optimal performance, the Hot Folder should be left empty for incoming PDF Documents either drops into the folder or by creating on the fly with an 3rd party app.

When the automator finds PDF documents in the folder, it will begin the conversion process to multipage TIFFs retaining all the pages in the PDF. There are several settings such as Dot Per Inch and TIFF Compression which you can set. The Dot Per Inch parameter determine the page dimensions in pixels.

After the conversion, the created Multipage TIFF files will be saved in the Save In Folder. If you want the TIFF to be kept in the Hot Folder then either set it to the same folder or leave the entry blank. However do note that there is a maximum number of files that can exists in a folder set by macOS.

You can choose to keep the PDF documents by having the app move it to a new folder or delete them once the TIFF files are generated.

To stop the process, you can either click the Stop Process button the PDF to TIFF Automator tab or quit the application.

Once you click the Start Process button, you can either use the other features of the app, keep it in the background or minimizing the app. As long as the app is running, the automator will work in the background to scan for new PDF documents to work on.

PDF to TIFF Automator Specific Settings

The TIFF settings are the same as the main module.

For the Folders entry, use the Select Folder button to select the folder you want to use. This allows you the option to create the folders if needed or select an existing one. Most importantly, it tells macOS that you grant the explicit permissions for the app to use those folders.

SPLIT TO INDIVIDUAL PAGES

When this option is checked, the PDF pages would be saved as individual TIFF File and the filename would include the page number.

If it is a single page PDF file or when the option is unchecked, the whole file would be converted as a multipage TIFF file.

HOT FOLDER

The Hot Folder is the folder which is being monitored by the app for PDF documents either existing or new ones that have been added to the folder by dragging and dropping them into the folder or being saved by a 3rd party.

As the automator is a "set and forget" process, it would not be able to work with password protected PDFs or malformed PDF documents. The automator will move them to the Hot Folder Sub folder called Automator_Error and proceed with the other files in the folder.

Sub Folders in the Hot Folder would not be monitored.

SAVE IN FOLDER

The Save In Folder is where the converted Multipage TIFF documents would be saved in.

If you want the TIFFs to be saved in the Hot Folder, you can either leave this blank or set it to the same as the Hot Folder.

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AFTER PROCESSING

This offers two options which are Delete Original or Move Original.

The Delete Original option would remove the PDF Documents once it is converted.

The Move Original option will move the PDF Documents to the Move to Folder. In this option, the Move to Folder cannot be left blank.

MOVE TO FOLDER

This Move to Folder is where the PDF Documents would be moved to when it has been processed when the After Processing is set to Move Original.

You can leave this blank if the option is to Delete Original.

START PROCESS / STOP PROCESS BUTTON

This is a toggle button which will Start and Stop the Automator. Once the Automator starts, changing the settings would not affect the operations. If you want to change them, stop the process before making the changes and restarting them again.

STATUS

The Status will show the task that the automator is performing with a date stamp. The latest 2,000 activities will be shown. The Status would clear once the process is restarted.

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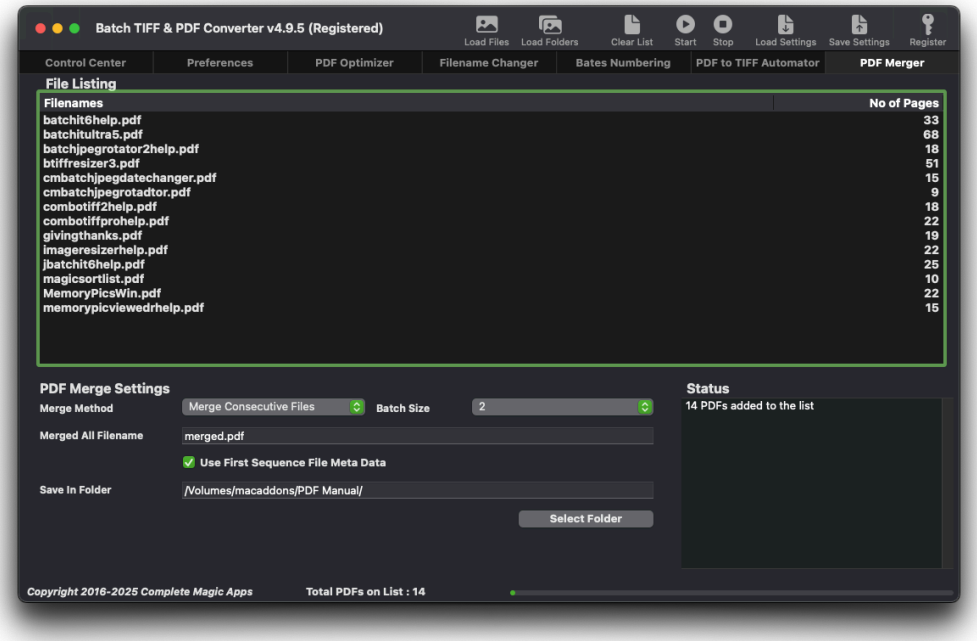
PDF Merge



PDF Merge is a specialized module catered exclusively to merge PDF documents together quickly without any other manipulation required.

The PDF Merge module offers two methods for combining your PDF documents. The first method merges all files in the list into a single PDF. The second, Merge Consecutive Files, lets you specify how many PDFs to include in each merged document using the Batch Size setting. The app will automatically process the list in groups, saving you the hassle of manually loading and clearing files for each batch.

The PDF Merge module would only work on non-password protected PDF documents.

FILE LISTING

The file listing shows the list of PDF documents and the sequence they would be processed. If the documents are not in the order you want, you can drag the filename and drop them in the position you want. The contextual menu allows you to remove or preview the document.

Use the Load Files, Load Folders or drag and drop your PDF documents to the list.

MERGE METHOD

In the Merge Method setting, you can choose between two options:

- **Merge All** – This merges all the PDF documents in the list, in the specified order, into a single file. The output will use the Merge All Filename you've set.

Required Settings - Merged All Filename and Save in Folder

- **Merge Consecutive Files** – This allows you to define how many PDFs should be grouped together in each merged file, using the Batch Size setting. For example, if your list contains 10 documents and you set the Batch Size to 2, the app will merge documents 1 and 2 into one file (using the name of document 1), documents 3 and 4 into another (using the name of document 3), and so on. This results in 5 merged files.

  If you have 11 documents with the Batch Size set to 2, you will get 11 merged files with the last one containing only the last file on the list.

Required Settings - Batch Size and Save In Folder

BATCH SIZE

Batch Size defines how many PDF documents will be combined when using the 'Merge Consecutive Files' method, letting you control the number of files merged into each single PDF.

The range starts with 2 to the total number of documents on the list.

MERGE ALL FILENAME

This is used as the output filename for the 'Merge All' method.

USE FIRST SEQUENCE FILE META DATA

As merging results in a new PDF document, it would come with no meta data header. By checking this option, the first PDF document meta data header containing the author name, keywords and so on would be tagged to the merged PDF document.

SAVE IN FOLDER

This determines where the merged PDF documents would be saved in. Use the Select Folder button to select the folder.

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Contact Information

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