Batch Conversion and Resizing of Images

The batch features of IrfanView are very powerful, but easy to use. Be very careful if opting to overwrite files though, as you can very quickly destroy your original images (>_<). You can also use the batch feature to <u>rename images</u> (and other file types).

1. Select Batch Conversion/Rename from the file menu (or press B) to open a dialogue box like that below. Browse to find the files you wish to convert, and select them in the file list window.

2. Click on Add to add them to the Input file list.

3. Browse to choose the Output directory, or click on the "Use this directory as output" to use the input directory as the output directory too.

Batch conversion	
⊂Work as:	
 Batch conversion 	
O Batch rename	Name 🔺
O Batch conversion - Rename result files	Flat02.tif 923
- Batch conversion settings:	Flat04.tif 923
Output format:	Flat06.tif 923
IPG - IPG / IPEG Format	Flat07.tif 923
	GOENKAD1 TIE 31
Use advanced options Advanced	
- Batch rename settings	File name:
Name pattern:	
	Files of type: Common Graphic Files
Output directory for result files:	Add Remove M
C:\TEMP Browse	
	Input files: (6) Add all Remove all Mo
Use current (look in) directory	Documents and Settings\Bhikkhu Pesala\My Documents\M
	Documents and Settings\Bhikkhu Pesala\My Documents\M
Include subdirectories (for 'Add all')	Documents and Settings Bhikkhu Pesala My Documents M
Show Preview image	Documents and Settings\Bhikkhu Pesala\My Documents\M Documents and Settings\Bhikkhu Pesala\My Documents\M
	-
Start Batch	
Lancel	

4. Choose the output format from the dropdown list and click the Options button to view the available options for that file format.

For JPG image output you can choose the quality. A value of 50 gives decent results for most photos. Use a value of 75 or more for images having sharply contrasting areas of colour.

"Save as progressive" makes the image draw more quickly on the web.

IPEG/GIF save	options			×
JPEG: Save quality:	lowest	75		best
 Save as progressive JPG Save as grayscale JPG (please remember!) Disable color subsampling Keep original EXIF data Keep original IPTC data Keep original JPG-Comment Reset EXIF orientation tag 				
GIF: Save interlaced Save transparent color				

5. Click the Set advanced Options button to display this dialogue box.

Settings for all images:	\mathbf{X}
CROP.	OTHER OPTIONS:
X-Coord.: 0 Y-Coord.: 0 O Left top O Right top	Auto adjust colors
Width: Height: O Left bot O Bight bot	<u>H</u> orizontal flip
	Vertical flip
RESIZE:	Rotate left
Set new size:	Rotate right
 Set one or both sides to: Vicitity 	Convert to greyscale
400	Negative
	<u>Sharpen:</u> 1 (1 - 99)
O Set long side to:	Brightness: (-255 - 255)
O Set short side to:	Contrast: (-127 - 127)
Width: 25 % Height: 25 %	<u>G</u> amma correction: (0.01 - 6.99)
mildit. 20 76, Holgiti. 20 76	Saturation (-255 - 255)
<u>Preserve aspect ratio (proportional)</u> Use Resemple function (better quality)	Color balance - R: (-255 - 255)
Don't enlarge smaller images	Color balance - G: (-255 - 255)
Set DPI value:	Color balance - B: (-255 - 255)
CHANGE COLOR DEPTH:	MISCELLANEOUS:
16,7 Million colors (24 BPP)	Canvas size Settings
256 Colors (8 BPP)	Add overlay text Settings
• <u>1</u> 6 Colors (4 BPP)	Verwrite existing files
◯ <u>2</u> Colors (black/white) (1 BPP)	Delete original files after conversion
O <u>C</u> ustom colors: (2 · 256)	Create subdirectories in destination folder
V Use Floud Steinberg dithering	Save files with original date/time
Cose hoyd Steinberg dictering	Apply changes to all pages (if TIF saving)
Load settings Save settings	OK Cancel

Here you can change many aspects of the image. I have opted to resize my images

to a width of 400 pixels and to preserve aspect ratio. By leaving the height blank they will be resized to whatever height is necessary to retain the aspect ratio.

Check "Use Resample function" for best quality.

As you can see, there are lots of other options for rotating, flipping, adjusting, and recolouring images.

In the miscellaneous section check "Overwrite existing files" if you are converting to JPG. The Tiff files won't be overwritten, only JPG files of the same name if they exist.

6. Click on OK to accept the advanced options. then click on Start in the first dialogue box to start the conversion process. You will see a progress report like that on the right.

It will generate errors if the requested operation could not be completed, and warnings if files have been overwritten as requested.



Batch Renaming of Images

dialogue box (B) is used to rename images too. Not only images, in fact, but any file types can be renamed.

1. The same batch process 2. Browse to the directory containing the files you want to rename, select them in the file list window, and add them to the Input files list.

> Select "Batch Rename" and enter a file name pattern, or click "Set rename options" for more options. Click the Start button to rename the selected files. You will get a similar progress report to that illustrated above, telling you whether or not the operation has been successful.

Batch conversion		? 🛛
Work as: O Batch conversion	Look in: 🗁 Drop Caps	💟 🔮 🤌 🛄 -
 Batch rename 	Name 🔺	Size Type
O Batch conversion - Rename result files	Chessboard.png	18 KB IrfanView PNG F
Pately conversion pottings:	Local Off-curve Extreme.png	19 KB IrfanView PNG F
Batch conversion settings.	*QHA.GIF	5 KB IrfanView GIF Fi
	QHB.GIF	5 KB IrfanView GIF Fi
PNG - Portable Network Graphics Violations	QHC.GIF	5 KB IrfanView GIF Fi
Use advanced options Advanced	OHD.GIF	5 KB IrfanView GIE Fi
Batch rename settings:	File name: QHA.GIF	
Name pattern:		
\$N### Options	Common Graphic Files	X
Output directory for result files: C:\TEMP Browse Browse	Add Remov	e Move up Sort files

The Set rename options dialogue box allows you to set a starting number other than 1 for the file name suffix (or prefix).

Click on Help for more advice and options, e.g.

"Please be very carefully when you use rename and first test your options with dummy files; batch rename can be very powerful = dangerous! Using bad name pattern, combined with options like Rename-Move original/input files and/or Overwrite existing files, you can, under special circumstances, remove all input/original files! Please do not use these options, until you REALLY know what you are doing. "

Batch rename settings			
Name pattern:	\$N## \$N = old file name, without extension Help # = one digit, number		
For numbers/digit	'S:		
Starting index:	1	Increment:	1
Replace text (1):		with	
Replace text (2):		with	
Replace text (3):		with	
 Copy original/input files to output directory (recommended) Move original/input files to output directory Rename original/input files (for advanced users only; at your own risk!!!) 			
Uverwrite existing files (at your own risk!!!)			
	OK	Cancel	

Finally, and a Word of Warning

Renaming and Conversion of images can be combined in a single operation. In the Batch Process dialogue box, select "Batch conversion - Rename result files." Both operations will be performed in one operation.

While you're learning to use this powerful feature, don't be tempted to overwrite files unless they are unimportant or backed up on CD. Advanced options that you used previously may still be in force, and you may not get the intended result unless you check all the options carefully.