# Irfanview Notes

### Contents

Downloading and installing IrfanView	
Rotating Images	
Resizing/Resample Images	
Cropping Images	
Thumbnail View	
Effects	5

## Downloading and installing IrfanView

IrFanView is a free cross platform program that can be downloaded from: http://www.irfanview.net

I recommend that you download the latest version 4.00 (as of April 2007) Choose one of the mirror sites e.g. Tucows and download the windows exe file.

It is advisable to download and install the PlugIn files as well to provide full functionality. http://www.irfanview.com/plugins.htm

## **Rotating Images**

Images can be rotated using **Image | Rotate Left** or **Image | Rotate Right** or simply use the hot keys **R** & **L** for Rotate Right & Left respectively.

If you are rotating a JPG image on your home computer consider downloading a copy of the file JPG\_TRANSFORM.DLL. This allows you to perform a lossless image rotation which will maintain the original image quality. **Options | JPG Lossless Operations... (PlugIn) Shift + J** 

If for some reason you wish to perform a rotation of less than 90 degrees (say you are rotating an image that was scanned on a slight angle) select <u>Image | Custom/Fine rotation...</u> Ctrl + U

## Resizing/Resampling Images

It is often necessary to resize images prior to publication on the Web. Current digital cameras take multi mega pixel images which are far too large to publish to the web without resizing the image. It is also advisable to resize images for use in Power-Point presentations. Resizing images reduces file size and download times.

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# Resizing/Resampling Images cont...

To open the Resize/Resample dialogue box select **<u>Image | Resize/Resample...</u>** or press **CTRL + R** 

The Resize/Resample dialogue window makes the process of selecting the final image size easy. You can Set the new size in pixels, as a percentage of the original or use standard dimensions.

When working with images for screen display e.g. Web pages and PowerPoint presentation it is advisable to leave the (Dots Per Inch) DPI set the default value of 72. This is because screen resolution is 72 dpi.

	T Come standard dimensions:
Current size: 1280 x 960 pixels New size: 1280 x 960 pixels	Half Double
● Set new size:         Width:       1280         Height:       960         Units:       ● pixels       ○ cm       ○ inches         -○       Set new size as percentage of original:       −         Width:       100       %       Height:       100       %	C <u>8</u> 00 x 600 Pixels           C <u>1</u> 024 x 768 Pixels           C         1280 x <u>9</u> 60 Pixels           C         1600 x 1200 Pixels           C         Best <u>fit</u> to desktop           C         Des <u>k</u> top size (no aspect ratio)
<ul> <li>Preserve <u>a</u>spect ratio</li> <li>Apply sharpen after Resample</li> <li>OPI: 72</li> </ul>	Size method: Eesample (better quality) Resample filter: Lanczos filter (slowest)     Sesize (faster)

Once you have selected the new image size press OK.

#### 2

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# **Cropping Images**

- 1) To crop an image move the cursor to the top left corner of the section that you wish to crop.
- 2) Click and drag the selection to the lower right corner.



3) Select Edit | Crop Selection or Ctrl + Y



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## **Thumbnail View**

Thumbnail view allows you to see all the photographs in a directory.

#### 1) Select File | Thumbnails or T

💑 Infan View		
File Edia Image Options	View Help	
Open	0	$a \leftarrow \rightarrow f = 1$
Reopen	Shift+R	
Open with external editor	Shift+E	
Open as		<u>·</u>
 Thumbnails	т	
Slideshow	W	2
Sildeshow. Batch Conversion/Rename	₩ e B	
Slideshow. Batch Conversion/Rename Search files	W e B Ctrl+F	
Slideshow. Batch Conversion/Rename Search files Rename File	W e B Ctrl+F F2	
Slideshow. Batch Conversion/Rename Search files Rename File Move File	w e B Ctrl+F F2 F7	
Slideshow. Batch Conversion/Rename Search files Rename File Move File Copy File	W <b>B</b> <b>Ctrl+F</b> F2 F7 F8	

2) Select the folder you want to view

3) Double click on any photograph you want to edit.



#### 4

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## Effects

IrfanView has many built in image effects.

🌺noy 2006 075.jpg - Irfan¥iew (Zoom: 614 x 461) - U × Edit Image Options Options View Help 🖻 🗋 🕻 → ↑ ↓ 113/227 P 🚅 Create New (empty) image... Create Panorama image.. Rotate Left Rotate Right Custom/Fine rotation... Ctrl+U Effects b Vertical Flip v Horizontal Flip н 3D Button Ctrl+R Resize/Resample... Emboss Canvas size... Oil Paint Edge Detection Decrease Color Depth.. Median Filter Explosion Convert to Greyscale Pixelize Negative Sepia Enhance colors... Shift+G Rain Drops Auto adjust colors Shift+U Adobe 8BF filters... Ctrl+K Sharpen Shift+S Red eve reduction (selection) Shift+1 Filter Factory. Filters Unlimited. Effects ap Colors 3072 × 2304 × 24 BPP 113/227 20 % 3.91 MB / 20.25 MB 12/5/2006 / 16:40:46

Select Image | Effects | Effects browser... or Ctrl + E

- 2) Select the effect you want to apply
- 3) Try different Filter settings
- 4) Click OK



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