Tech Talk

Resizing Images

For Submission to DPCA Challenges and Showcases

Digital Photography Club of Annapolis

11/29/2010 Lauren (Laurie) Brice

Agenda

- Introduction
- Computer Basics
- Software Options
 - Windows Live Photo Gallery
 - FastStone
 - Google's Picasa
 - Adobe PhotoShop Elements

Introduction

Why Resize?

- To meet Club and contest requirements
- Reduce disk space required
- To email (5-10 MB limit)
- For electronic presentation (1024 x 768)
- Reducing size gives <u>a little</u> safety when posting images

Club Submission Requriements

- Longest side 1024 pixels
- Name the files!
 - Your name number . jpg
 - Lbrice-1.jpg, Lbrice-2.jpg, Lbrice-3.jpg
- Email must contain
 - Subject!!! "Nov 2010 Challenge"
 - Attached file(s)
 - Ok to show on web? If no indicator we show.

Preparation

- Do I have the computer skills I need?
- Where are my camera manual and disk?
 What file formats does my camera offer?
 What software do I have available?
- Will I use 'post-processing'?
- Do I need additional software?
 Free or \$\$\$

Lost Camera Manual or Disk?

- Visit Manufacturer's website
- Search Technical Help Section
 - Look for downloads
 - Search for your camera model
 - Or...
- Google or Bing it!

Computer Basics

Computer Basics

- View files
- Find files
- Name and Rename files
- Copy files
- Organize files and folders

But what if YOU can't?

YouTube to the Rescue

www.youtube.com

- Search for "@expertvillage computer skills"
- <u>http://www.youtube.com/watch?v=Hdfv7SvQeXs</u>
- <u>http://www.youtube.com/watch?v=IHs8xqvK6Y4</u>

There are hundreds of clips.

File Names

- 3 Parts
 - Name
 - [.] the dot (separator)
 - Extension (program association type)
- Examples: Elephant.jpg and OC-beach_2010.tif
- Use Characters A-Z, a-z, 0-9, and _
- Don't use ~!@#\$%^&*().,+= or spaces

Viewing Files Windows File Explorer



- Right click the Start button and select Explore or...
- Hold down the Windows button, click the e key

File Extensions Not Visible



Show Windows File Extensions

Right click START / Select Explore

- 1. Tools / Folder Options / View
- 2. Check "Display the full path..."
- **3. Uncheck** "Hide Extensions for Know File Types"
- 4. Apply to All Folders
- 5. OK

Windows Show File Extensions



File Extensions Visible



View the File Path



Change the File View



View File Details

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1 item selected			:	18.9 MB	💺 Computer		

Rename File



Renamed File



Camera File Formats

Camera File Settings

- Most DSLRs offer
 - JPG
 - Small, Medium, Large
 - -RAW
 - RAW + JPG
- Some cameras also offer .TIF
- Some cameras offer only .JPG
- What does your camera offer?

File Extensions Associated with RAW Formats

Camera	Proprietary RAW File Types	Software Provided
Adobe	.DNG	Photoshop, Elements
Canon	.CRW,.CR2	Digital Photo Professional
Epson	ERF	Epson Photo!2 Utility
Fuji	RAF	FinePixViewer
Kodak	.TIF, .K25, .KDC, .DCS, .DCR, .DRF	Easy Share
Mamiya	.MEF, .MOS	?
Minolta	MRW	DiMAGE Master Lite software
Nikon	.NEF, .NRW	Capture NX
Olympus	ORF	Olympus Master, OLYMPUS Studio
Panasonic	.RAW	?
Pentax	.PTX, .PEF	Photo Browser, Photo Laboratory
Sigma	.X3F	Photo Pro Software
Sony	.ARW, .SRF, .SR2	Photo Go

Steps for DPCA Submission

- <u>Take the picture!</u>
- Transfer file(s) to your computer
- <u>Copy the file(s)</u> [File / Save As]
 - Work with the copies
- Convert to JPG format
- <u>**Resize</u>** maximum 1024 dpi long side</u>
- <u>Rename</u> name-#.jpg
- Send via email as an attachment

Software Options

Too many to name

Software For Working With JPG

- Apple
 - iPhoto (With your MAC or part of iLIFE \$79)
 - <u>http://www.apple.com/ilife/iphoto/</u>
- PC Windows
 - Windows Live Photo Gallery (FREE)
 - http://explore.live.com/windows-live-photo-gallery?os=other
 - Faststone Photo Resizer (FREE)
 - http://www.faststone.org/FSResizerDownload.htm
 - Google's Picasa (FREE)
 - <u>http://picasa.google.com/</u>
 - PhotoShop Elements (FREE trial / \$149 \$50 SAVE2010)
 - <u>http://www.adobe.com/products/photoshopel/</u>

Windows Live Photo Gallery

Free Download May have come with your PC

http://explore.live.com/windows-live-photo-gallery?os=other

Windows Live Photo Gallery



Windows Live Photo Gallery



Windows Live Photo Gallery Original and Small File



Windows Live Photo Gallery Left Click - Rename

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	DSC_0123 (1024x685),jpg 2/11/2007 2:09 PM 493 KB	DSC_0173.jpg 2/11/2007 3:24 PM 7.73 MB
	View file Open with → Open file location	2592 x 3872 Add caption
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Windows Live Photo Gallery File Renamed



Windows Live Photo Gallery File Renamed



Windows Live Photo Gallery – Send Email



Windows Live Photo Gallery – Send Email

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To challenge@digitalphotoclub.net;	
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Subject: November 2010 Submission for Challenge [demo only]	Attachment Options
lbrice-01_DSC_012 3 (1024x685)	
Hi Dan,	
This is a demo email. Please delete it after Monday's meeting.	
Laurie	
	•

FastStone Photo Resizer 3.0

Free Download

http://www.faststone.org/FSResizerDownload.htm

FastStone Batch Resizing

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FastStone – Advanced Settings

FastStone Photo Resizer 3.0	
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FastStone – Advanced Settings

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FastStone - Confirmation

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3	C:\Users\Laurie.Laurie-PC\Pictures\	C:\Users\Laurie.Laurie-PC\Pictures\	ОК	6,930 KB	174 KB	3 %	6,757 KB
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FastStone – Resized Photos

FastStone Photo Resizer 3.0		
File Skin Help		
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4 Folders, 26 Files		
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Google's Picasa

Free Download

http://picasa.google.com/

Picasa - Library



Picasa – Resize File



Picasa – Original and Small File



Picasa – Save As



Picasa – Renamed File



Picasa – Send Email

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Subject: November 2010 Showcase Submission [demo only]	
1 picture(s) ready to send (21KB)	
Hi Dan Ibrice-01_DSC_0183.jpg	*
This is a demo file for tonight's presentation. Please delete it after Monday's meeting.	
These pictures were sent with Picasa, from Google. Try it out here: http://picasa.google.com/	
Laurie	
	Ŧ
Send Discard	

PhotoShop Elements

FREE trial / \$149 (\$99 "SAVE2010", Nov. 30) http://www.adobe.com/products/photoshopel/

50

Elements – Resize Files



Elements – Export As New



Elements - Exporting



Here are

Elements - Exporting

E	lements Organizer
	Exporting 3 Item(s)
	Stop

Elements – Resized Files



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Elements - Email



Elements - Email



Elements - Email

Here are the files that I want to share with you Message (HTML)						
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Subject: Showcase Submission Nov 2010 [demo only]	1					
Attach Attach Attachment Options						
Dan, These images are demos for tonight's meeting. Please delete the message tomorrow						
I sent these using Elements Organizer. Find out more: <u>http://www.adobe.com/products/psprelements/</u>						

Resources

- Digital Camera Website, http://www.digicamera.com/
- Books by Tom Ang or Scott Kelby
- **Digital Photography for Dummies**, Fourth Edition, Julie Adair King, Wiley Publishing, Inc.
- *Mastering Digital SLR Photography,* David D. Busch, Thomson Course Technology
- Photo Answers website, http://www.photoanswers.co.uk/Home/
- Wikipedia The Free Encyclopedia, <u>http://en.wikipedia.org/wiki/RAW_image_format</u>
- Wikipedia The Free Encyclopedia, <u>http://en.wikipedia.org/wiki/JPEG</u>
- Wikipedia The Free Encyclopedia, <u>http://en.wikipedia.org/wiki/Windows_Photo_Gallery</u>
- YouTube Search for "@expertvillage computer skills" <u>http://www.youtube.com</u>