

Bob D's PS - Lightroom the Evolving Photographers Tool...

Rev. 1.1

Class: [Lightroom the Evolving Photographers Tool](#) Class Website: [.../LR_BCA2012](#)
 Date: Thursday Night June 20th, 2012 Class Forum: [BobD.TV/forum/BCA2012](#) (need to sign-in)
 Location: BCA Bar Harbor Maine Class Webinar: (Enter from our web page)

BCA: Lightroom the Evolving Photographers Tool

1. Q&A about burning questions to fit into presentation
2. What is New:
 - a. Lightroom for Maps/Books/Soft-Proofing/... yes, **but** Process Version 2012
3. Processing in Develop new 2012
 - a. then start with the four phases of digital image processing
 - i. make sure the link to my blog post is on the class webpage

Part I: _____

Intro:

- Who are we
 - o is anybody familiar with Nondestructive/Parametric Image Editing (P.I.E)?
 - ASMP Digital Imaging - "Best Practices" www.dpBestflow.org
- Lightroom 4.0 Overview - "how many people using it"
 - o first thing is new modules: Maps and Books;
 - o significant within modules
 - Print "Soft Proof"... anybody do soft proof?
 - Develop Module: maybe the most hidden and most profound is a new process version:
 - with version 4.1 there is no HDR tone mapping
- Class Overview
 - o 3-bites at the apple:
 - 1) this class; website; notes (PDF on-site with links);
 - 2) class private forum;
 - 3) open-mic webinar for class discussion
 - o processing is new PV 2012 will be main subject for today but of course...
 - o "with a few fun asides"
 - LR "Around the World" Workflow:
 - Import (RAW)>
 - Organize (review, metadata (keywords, GPS, etc.))>
 - Develop (LR>PS>LR)>
 - Output (print/Web/SS/file)
 - Output to file = Export = Photoshop "Save As"
- Burning Questions To Incorporate In Workshop: (See "Topic List" For Reminders)

Start Workshop

Book Module:

- o Easy layout with all color management and Resizing done by LR
 - Book size; hard/soft cover; paper type; auto/custom page layout; captions and type; background
- o Uploaded and printed by "Blurb":
 - or to PDF export for other printers or share on digital devices
- o Links: AdobeTV "Book" module link: [\[Click Here\]](#)

GPS:

- o biggest surprise to me - "any currently geo-tagged your photos?"
 - profound search and find... without keywording
- o Group Images Based On Location (if you already have GPS data)

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- most camera phones imbed GPS info in your photos
 - Adding GPS Information: from "Map" Module or .GPX File
 - From Map
 - Track Log from .GPX files:
 - GPS Tracker Device
 - most camera phones imbed GPS info in your photos
 - Canmore GPS Tracker GT-730FL-S [Click Here]
 - load Track Log
 - Canmore instructions in our "Dropbox"
 - iPhone "Trails" app for \$3.99. [Click Here]
 - more info to optimize "Trails" (bottom of page) [Click Here]
 - Shortcuts Keyboard Command/Control & K, Locks/ I Info:
 - in the grid view, "Alt & click arrow" goes to Google maps
 - in the grid view, map icon click goes to map module
 - Links:
 - Julieanne Kost GPS link: [Click Here]
 - LuLa Lightroom Forum GPS discussion: [Click Here]
- "Soft Proof" / Printing ...(How Many do SP? Print? (to printer or Service Bureau) (Class interest???)
- Shows you how your image will look on the paper
 - Making changes while in soft-proof will prompt for soft-proof virtual copy
 - Be careful - initial tendency is to overuse.
 - Helpful to evaluate "Rendering intent" (for OOG colors) - very image dependent
 - **Relative** "truncates" OOG colors - maintaining "color & luminance"
 - Perceptual: tries moving OOG colors into gamut- tries to maintain color at the expense of "saturation & luminance"
 - Perceptual: "squeezes" OOG colors - tries to maintaining appearance at expense of "saturation and luminance"

Bob D's Color Management Observation:

Below is my estimated table when I ask people what level of color management they used and %satisfaction with their print output.

<u>Level of Color Management</u>	<u>% Users Satisfied with print</u>	<u>Total % Satisfied</u>
• Managed by Printer	10%	10%
• ICC Profile Color Management	65%]	75%
• use a calibrated monitor	15%]	90%
• use "soft-proofing"	8%]	98%

As I said, the numbers are estimated but there is little doubt about the trend. People who use ICC profiles correctly are satisfied and using a calibrated monitor are most satisfied with their print output. Soft-proofing improves results slightly.

Printing Fundamentals

- When printing to Printer:
 - Use ICC profiles with your Printer set to "No Color Management"
 - Print Res. (LR resampling "adaptive" - better than PS)
 - Up-res to: Epson Printers 360/720ppi / Canon 300/600ppi
- When printing to File (Service Bureau):
 - use proper ICC profile & resolution for your service bureau
 - <http://www.drycreekphoto.com/icc/>

<< Break >> ???

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ACR

- Nondestructive Digital Image Processing / Parametric Image Editing (P.I.E.)
 - 4-Steps of Digital Image Processing:
 - [1-Import]; [2-Global]; [3-Selective]; [4-Expressive]
 - [Phase 0 - Digital Raw Capture] (*In our Dropbox*)
 - BF_Understanding_DigRawCapture; Raw Capture, Linear Gamma and Exposure
 - [Phase 1 - Import]:
 - Setting Camera Defaults In Lightroom
 - now we need to decide which ones to use

Part II:

Develop module ...*Good watching lots of images adjusted*

- LR4 - new process! - Process Version 2012
 - MAJOR difference from Process Version 2010
 - "Adaptive" Highlights & Shadows and Clarity
- [Phase II - Global]
 - "Basic" Panel
 - Top / Down
 - Auto-Tone - then Exposure and/or Contrast then "dance"
 - Basic pairs (Highlight/Whites; Shadows/Blacks)
 - Step wedge
 - PV 2010vs PV2012
 - Black & White
 - Photomerge
 - HDR 32bit LR4.1 (2 Maine HDR)
 - Panorama (Colorado, 2 over 2?)
 - Presets - Infra-Red PV2012
- [Phase III - Selective]
 - Localize Tools
 - Crop; Spot Removal; Red-eye Correction; GF & AB
 - **Gradient Filter & Adjustment Brush**
 - Expanded in LR4
 - Highlights; Color Balance; Noise & Mosaic adjustments
- (Phase IV - Expressive)
 - Local tools revisited
 - View "Before/After"
 - "/" ; dual views / Snapshots Reset History for Nuance
 - Photoshop Handshake / Round-Trip
 - Mate/Tile/Reveal
 - TIF LR adjustments

Other Known Asides

- Develop Templates (put IR-BW; iPad into Dropbox)
 - Offer iPad & Infra-Red PV2012
- multiple volumes - Add another volume - travel drive
- collections
 - are virtual / not duplicates / changing one changes all references
- Keywords

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Lightroom – Discussion List

A. Organizing:

Organize images

1. Across Multiple Folders And Hard Drives
2. Discussion of Hard Drive File Organization and Back-up Strategies
3. Organizing Folders and Photos; file naming conventions on Import

General Lightroom Organization:

4. One Big Catalog vs. many Small Catalogs
5. Multiple Volumes in a Catalog: used/remaining & warning settings

General Lightroom Production

6. Lightroom Environment*: Setting your Catalog Setting & Preferences
7. When do I save my files in LR?

B. General Production Techniques:

1. Backup catalog to "Every time... It talks to me!"
2. What is the "Identity Plate" and what are its benefits?
3. Import from Card
 - a. adding your copyright on import
 - b. Creating Your Camera Defaults (settings used with every photo - 68° / agitation 30 sec.)
4. Auto Tone on Import>
5. "Resetting" Sliders & Palettes
6. Display LR Panels "Solo mode"
7. Interfacing Photoshop through Lightroom
8. Create and Modify Presets and Templates
9. Change Time-Date Stamp on Files
10. Using the LR's Color Palette
11. "Around-the-World" LR Processing Workflow: LR/TIF/LR

C. Library Module:

1. "View Options": Thumbnail Cell / Loupe View
2. "Include Photos from Subfolders"
3. Different types of "Sort"
4. Stacking: Create; by time; (Expand; Collapse)
5. Collections: Quick; Standard; Smart; Module Dependent
6. Keywording & Cataloging
 - a. Keyword Tags; Keyword List;
 - b. Search & Finds: Library Filter; Other Metadata
7. Synchronizing folders... helpful to find lost files

D. Develop Module

1. Virtual Copies; Snapshots;
2. Presets; Snapshots; History Panels
 - a. Reset history Before/after
3. Global vs. Selective Adjustments;
4. LR selective tools:
 - b. Crops; Spot Removal (Clone/Heal); Red-Eye; Gradient Filter ; Adjustment Brush
5. White Balance: Using Color Picker
6. "Basic" Panel;

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7. Detail Panel: Sharpening / Noise Reduction
8. Split Tone;
9. Effects: Post-Crop;
10. Lens Correction Panel
11. Target Adjustment Tool [TAT]
 - a. Tone Curve; HSL / Color / Grayscale
12. Lightroom to Photoshop Interface for Editing
13. Histogram
 - a. Roll-over photo to see RGB %
 - b. Adjust Basic "Tone"

E. Map Module

1. Geo-tag photo location

F. Book Module

1. Create book and "upload" to "Blurb" of Export to PDF file

G. Slideshow Module

1. Create one-click PDF slide shows for viewing on any PC or attach to email

H. Print Module:

1. Creating Custom Print Templates:
2. Single Image/Contacts; Picture Package; Custom Package
3. Easy printing for precise print size, placement and color management!
4. Using Service Bureau
5. Color Management - Print & Monitor matching?
6. Matching prints to monitor: Evaluating your Print and the 3-Lights Influence

I. Other:

1. Lightroom Default Presets and Templates in All Modules
2. Panoramas
3. HDR
4. Lightroom Plug-In Modules
5. Camera Calibration: using X-rite's ColorChecker Passport

J. Non-Lightroom /General Digital Photography Questions

1. DNG vs. XMP side five sidecar file
2. Optimizing digital photo "Capture"
 - a. JPEG vs. Camera Raw
 - b. ETTR: Exposing to the Right
 - Understanding Digital RAW capture
3. Export/ Import Catalogs
 - a. Import "road" Laptop catalog back to Master
 - b. Export photos from Master Catalog for Road "Cataloging Work"

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