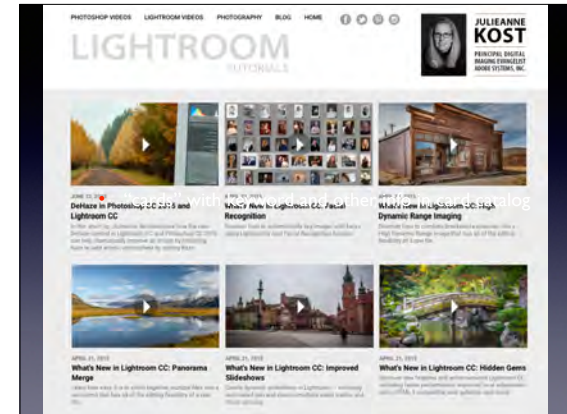


# Adobe Lightroom

An overview

## Learn about Lightroom

- Scott Kelby, *LR 6 for Digital Photographers*
- Martin Evening, *LR 6 Book*
- Tony Northrup's *Lightroom 6 Book* (Kindle, \$9.99)
- Craft & Vision ebooks
- Lynda.com tutorials
- [www.lightroomqueen.com](http://www.lightroomqueen.com)
- [www.steeltraining.com](http://www.steeltraining.com)
- Adobe tutorials ([jkost.com/lightroom.html](http://jkost.com/lightroom.html))

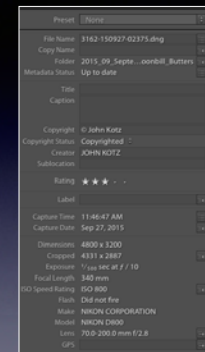


## What is Lightroom?

- Database + editing tools
- Compare a library and Lightroom
- Books shelved by LC/ISBN number + "cards" with keyword(s) and other info in card catalog
- Image file "shelved" in folder (by some system) + "cards" with keyword(s) and other info in "library" catalog
- Moving a book in the library means it is lost!
- Moving or renaming a file in Lightroom means it is lost!

## Library

- Import information of each image (*not the file itself*) into a "card catalog"
- Search the library/catalog in many ways (e.g., camera, lens, date, location, rating, keyword ...).

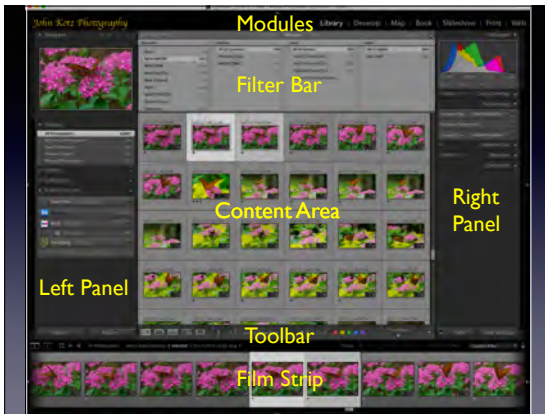
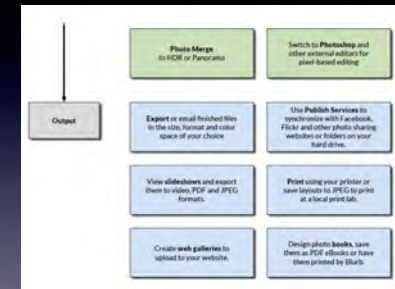
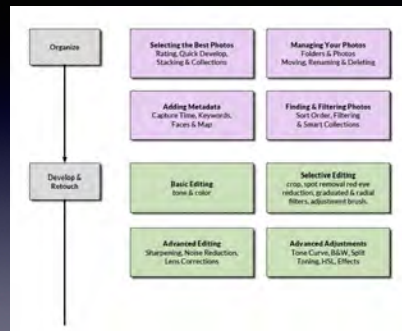


Metadata



## BASIC LIGHTROOM WORKFLOW

We mentioned earlier that Lightroom guides you through a basic workflow, and we're going to follow its lead in this eBook. Here's a quick summary of the path you'll take...



## Do's & Don'ts ...

- Organize photo files on your HD
- Try to delete duplicates but no need to change file or folder names.
- Best to keep all files in one place (such as your PICTURES folder). But folders on a large external drive would be best.
- Once on your HD, do not move the files or folders or change their names!
- Start by putting in new photos as you take them, and then work back in time with your old photos.

## Before Beginning ...

- **BACKUP** your photo files!
- My system:
  - Current year on 1 TB drive (A)
  - Current year (A) + laptop HD are backed up with Time Machine drive.
  - All photos on a 3 TB drive (B)
  - The drive with all photos (B) is cloned to a 3 TB drive (C) (which is kept in the bank).

## Lightroom Workflow

- Get photos onto your HD and import into Library
- Assign keywords on import or later
- Delete unwanted photos and assign ratings to retained photos.
- Do basic development (i.e., editing)
- Other: assign to collection (to make a book), print, or export.

## Getting Photos on Your HD

- When copying photos to your HD, the default destination is PICTURES folder, but they can be stored *anywhere!* (LR keeps track of location. Just don't move them later.)
  - We will discuss finding "missing photos" later.
  - Ways to get photos onto the HD and then import photos into Lightroom.
    - (a) copy from card to folder on HD or (b) use LR to import from card to a folder on HD.
      - \* If from folder on HD, then ADD to library
      - \* If from card, then COPY to HD and IMPORT to library.
- If this is done properly, life is good!

## Importing Photos

From *The Adobe Photoshop Lightroom CC/Lightroom 6 Book* by Martin Evening:

"If you are using keyword metadata to extensively catalog all your photos, it really should not matter which folder your photos live in. ... you can search for everything by metadata. It can be argued that **organizing your photo imports by date offers a much more convenient approach to folder organization and is specially suited to those users who systematically apply keywords to all their photos.**"

## File Organization

- Create folder for each photo session in a master folder labeled by year.
- Folder label **2017\_02\_Feb\_28\_[descriptor]**
- Leave original filename (**\_DSCxxxx.nef**) or create new, systematic name on import (such as date and sequential number).
- **IMPORTANT:** DO NOT rename or move outside of Lightroom.
  - If you move/rename outside of LR, the file will be "missing." But don't panic; it is not usually hard to find it again.
- **Just be organized!**

## File Organization

Name	Date	Type
PHOTOS_2016	Dec 30, 2016, 9:14 PM	Folder
PHOTOS_2017	Today, 4:42 PM	Folder
2017_01_January_04_Telephoto_Birds	Jan 5, 2017, 8:07 PM	Folder
2017_01_January_0_elephoto_Birds_Beach	Jan 5, 2017, 11:05 PM	Folder
2017_01_January_10_Stars	Jan 10, 2017, 9:39 PM	Folder
2017_01_January_13_Misc	Jan 14, 2017, 4:30 PM	Folder
2017_01_January_13_Stars	Feb 3, 2017, 10:68 PM	Folder
2017_01_January_14_Owl	Jan 14, 2017, 5:00 PM	Folder
2017_01_January_22_Birds_Alligator	Jan 22, 2017, 5:05 PM	Folder
2017_01_January_26_Beach_Tree	Jan 27, 2017, 9:31 PM	Folder
2017_01_January_27_CatCaw	Feb 3, 2017, 10:38 PM	Folder
2017_02_February_02_Stars	Feb 3, 2017, 10:47 PM	Folder
2017_02_February_03_Camellia	Feb 3, 2017, 9:56 PM	Folder
2017_02_February_06_Exposure	Feb 6, 2017, 10:26 PM	Folder
2017_02_February_08_Sunset	Feb 12, 2017, 10:48 PM	Folder
2017_02_February_10_Sunset_Moon	Feb 12, 2017, 10:48 PM	Folder
2017_02_February_12_Guillotine_wedding	Yesterday, 3:16 PM	Folder
2017_02_February_17_Sunset	Feb 18, 2017, 5:10 PM	Folder
2017_02_February_18_CatCaw	Feb 18, 2017, 5:10 PM	Folder
2017_02_February_20_Birds	Feb 24, 2017, 9:33 PM	Folder
2017_02_February_20_Sunset_Kiawah	Feb 24, 2017, 9:33 PM	Folder
2017_02_February_24_Beach	Today, 4:28 PM	Folder

## Keywords

- Can assign keywords on import or later.
- Can edit keywords
- Create new ones or delete ones no longer needed.
- Can nest keywords through several levels.
- Can correlate a photo to *many* different keywords.

Keyword	Count
ANIMALS & REPTILES	5
BIRDS	2087
Black & White	76
Dolphins	291
FAMILY	1395
FAVORITES	57
Fishbone	425
Flowers	212
Full Stanley	64
FLUIDS	1178
Football	208
FRIENDS	38
Hawaii - NH	211
HCR	386
ICD	14
INSECTS	60
Photo Imports	67
Kiawah	6190
Landscape	58
Macro	173
Mats Photos	15
Minerals	230
MISCELLANEOUS	77
Movies	16
NEW IMPORT	506

## Develop/Editing

- **Non-destructive** editing!!!!
- Will do about 90% or more of what Photoshop can do.
- Exceptions include exposure blending, focus stacking (*but LR 6 can create panoramas and produce HDR images*).
- Links to Photoshop, Nik, Topaz, and Photomatix software (for sharpening, color adjustment, B & W, and HDR) for more editing.

## Develop/Editing



## Lightroom Develop Tools

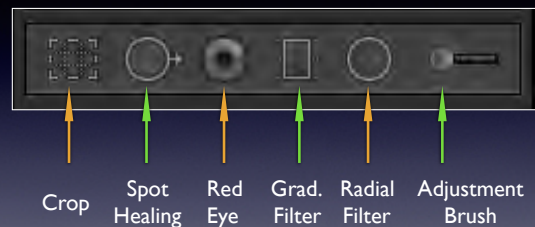


## Develop Tools

- The **BASIC** panel is almost the only editing you need.
- **CLARITY** and **VIBRANCE** were set on import.
- Try **AUTO** first.
- Usually set **EXPOSURE** and **HIGHLIGHTS**.
- **HIGHLIGHTS** can deepen skies and enhance clouds.



## Develop Tools



## NIK SOFTWARE

- Three modules are most useful
- Color Efex Pro — color enhancement
- Silver Efex Pro—B&W conversion
- Dfine — noise reduction (very useful for night photography)
- Available free from Google
- <https://www.google.com/nikcollection/>

## Adobe Photoshop

- Most useful for
  - adding text layer
  - dodging and burning
  - removing unwanted pieces
  - blending layers
  - Focus stacking
- **LAYERS** make it very useful. A “must have” beyond Lightroom.

## Adobe Photoshop



## Adobe Photoshop

