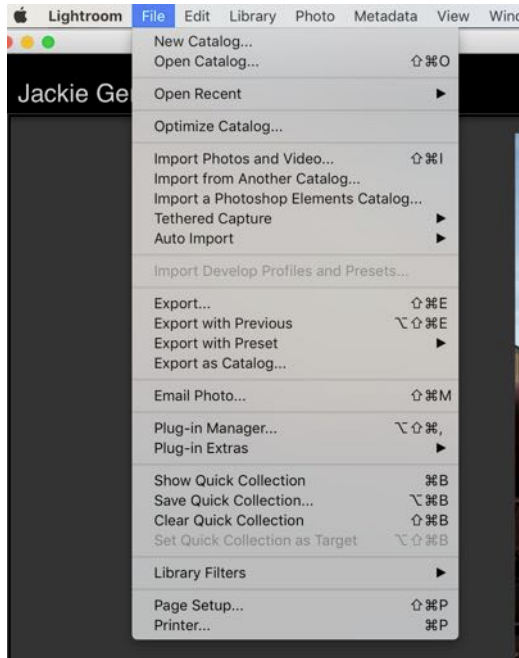


Lightroom Classic CC

2019—8.2 Release

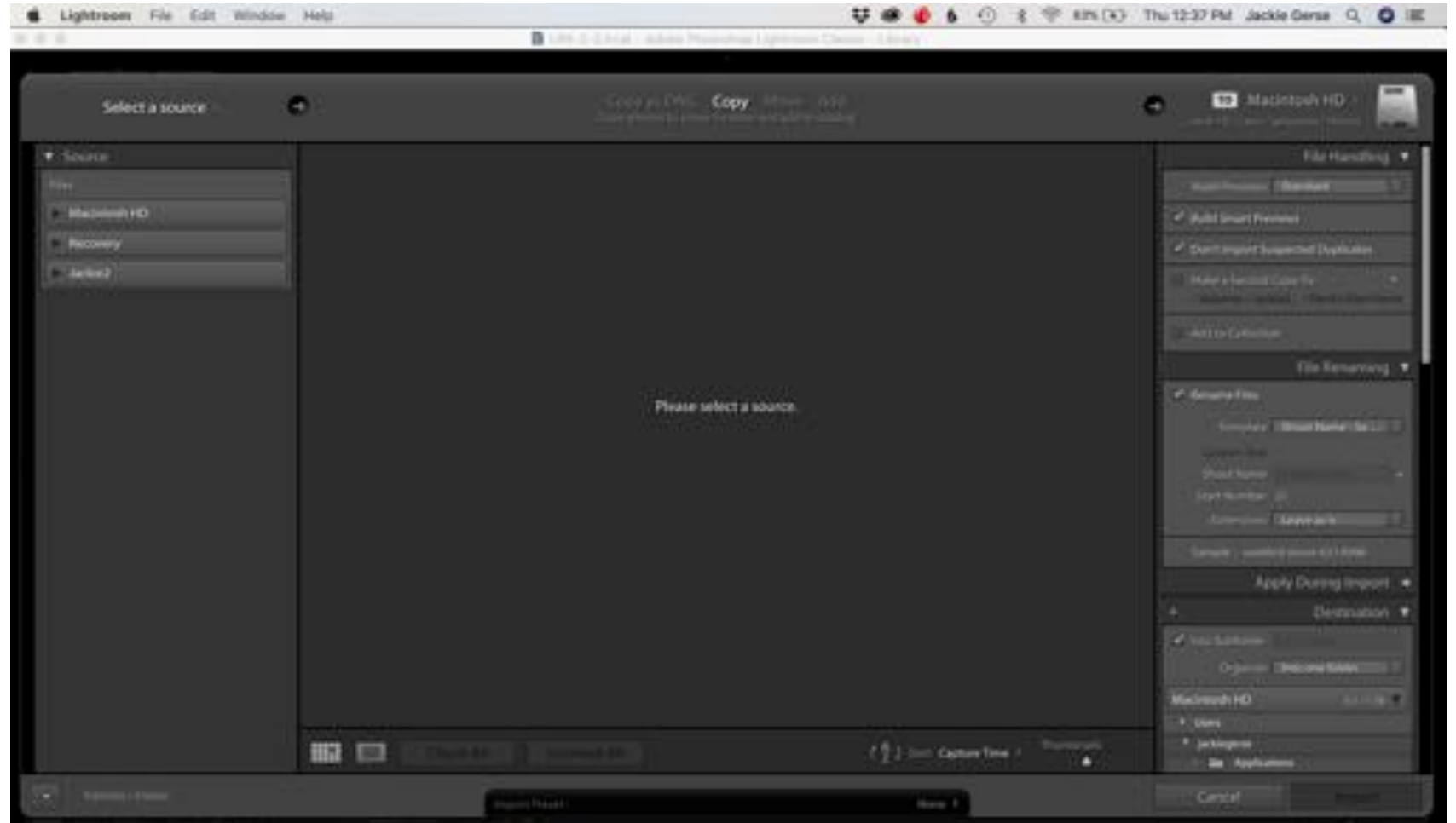
Class 1

Importing to Lightroom

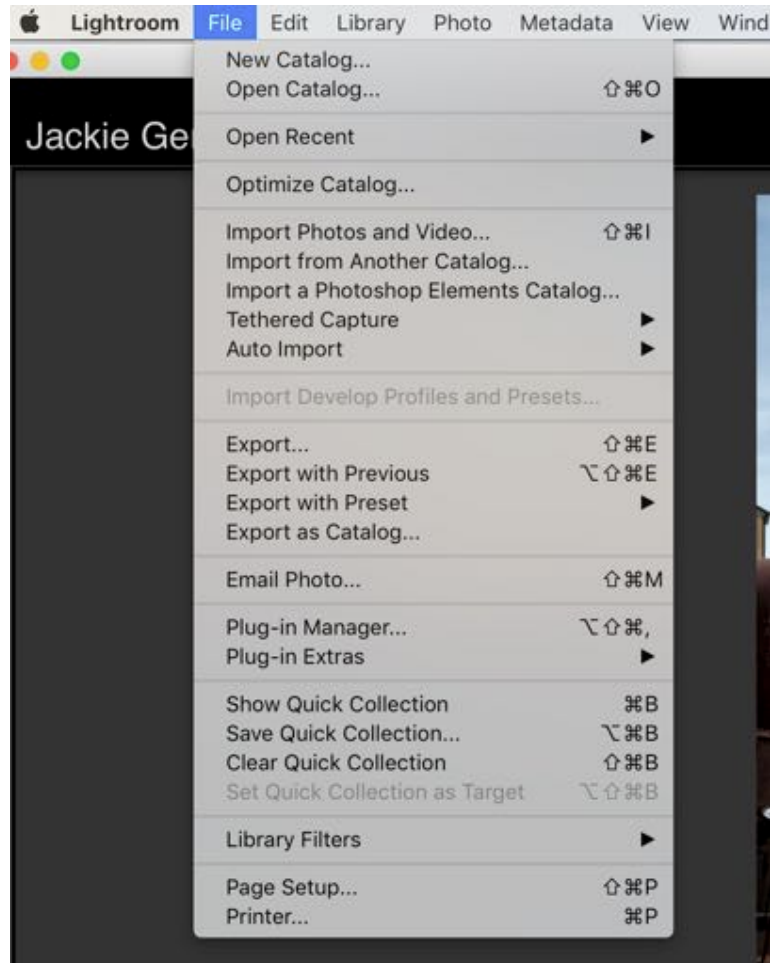


Insert your memory card now

- Does the import window show up?



Importing to Lightroom



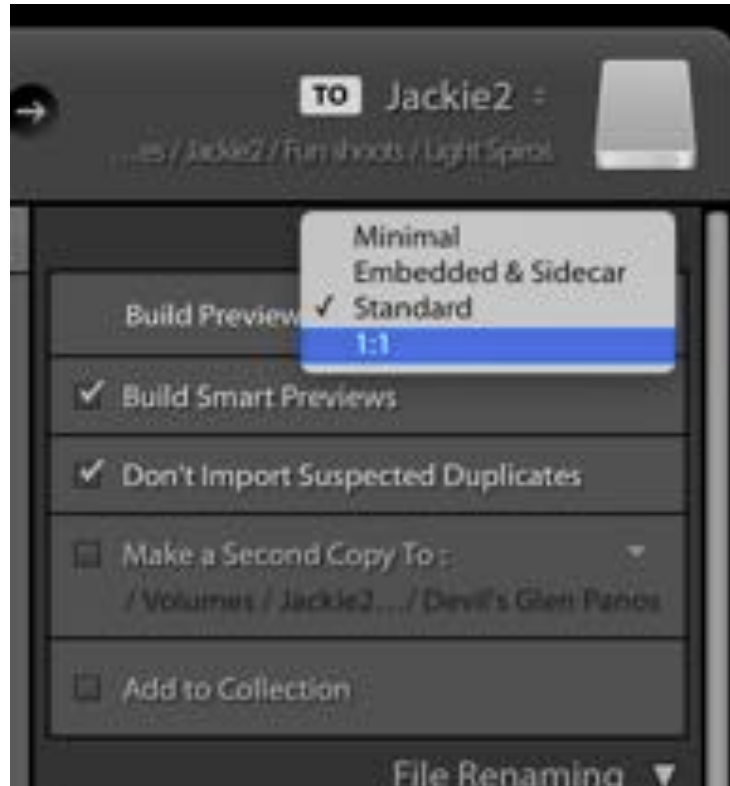
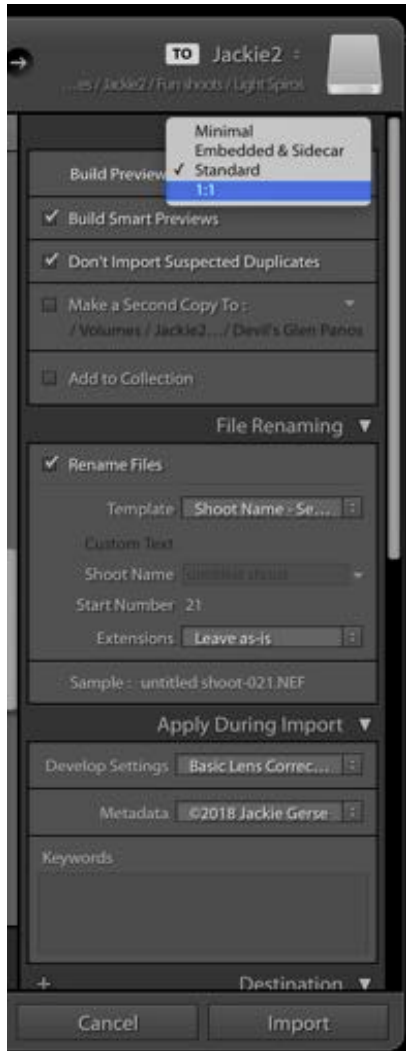
- Import Photos and Video
- We're only using 1 catalog

Importing to Lightroom



- Left Panel
 - Find where your images are
 - Highlight that location
- Center Panel
 - Choose the process
 - New images use COPY
 - Existing Images may be ADD or MOVE
- Right Panel
 - Destination

Importing to Lightroom



- Minimal
 - Fastest on import
 - Slowest during editing
- Embedded and Sidecar
 - Take a little longer on import
- Standard
 - Takes a little longer on import
 - Not quite as slow as Minimal or Embedded
- 1:1
 - Takes the longest on Import
 - Largest in size
 - Fastest during editing
 - Can be applied after import
 - Library > Previews > Render 1:1 Previews

Importing to Lightroom



Build Smart Previews

- Can be done on import or later
- Takes longer on Import
- Ability to edit within Lightroom (only) without being connected to an external hard drive (if that is where the file is stored)

Don't Import Suspected Duplicates

- If there are images on a memory card that are new and some that were already imported then only new ones will import

Make second copy

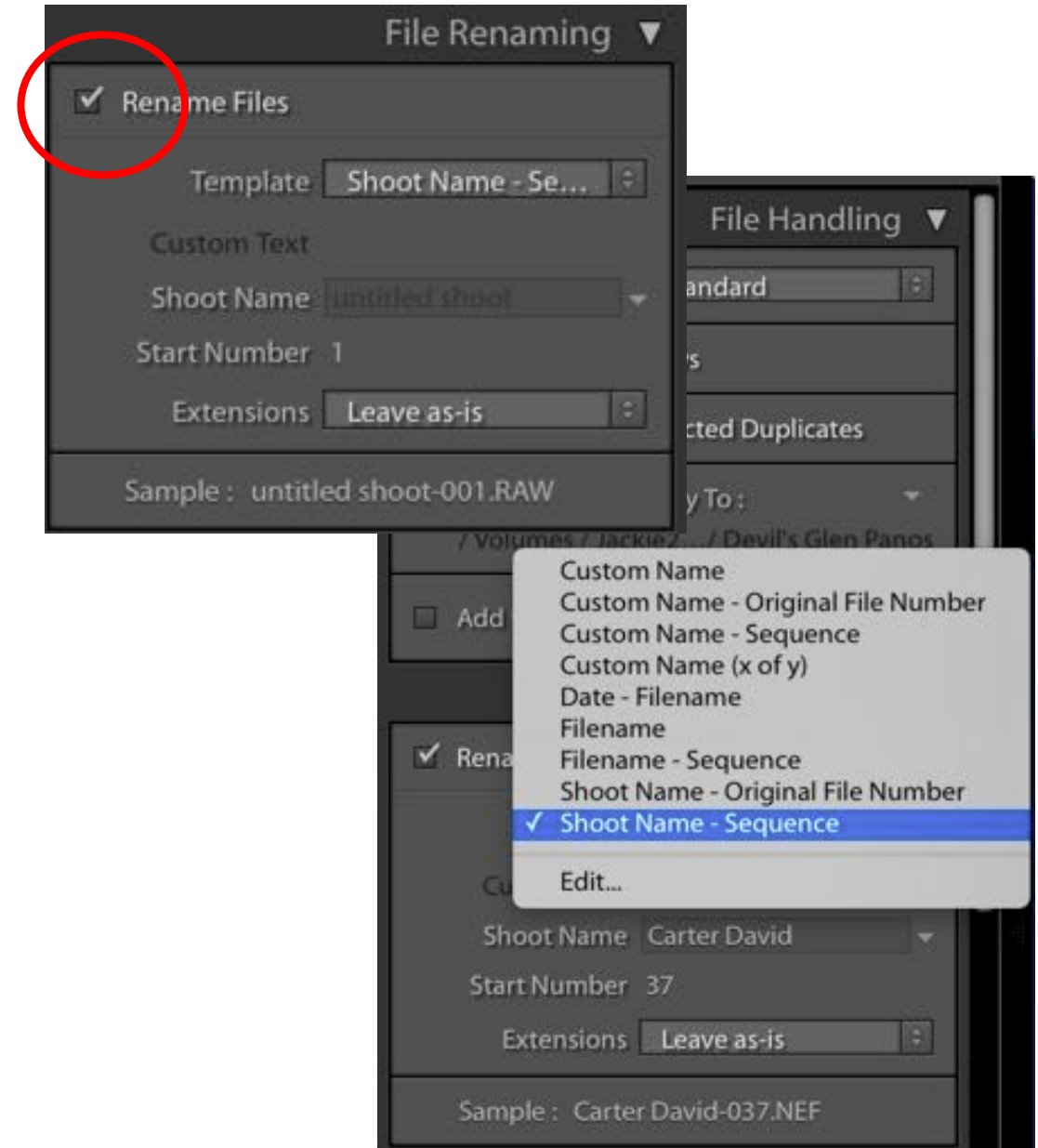
- Ability to copy to 2 drives (one can serve as a backup)
- You can specify the location by clicking on the words then navigating through the file system to find location

Add to Collection

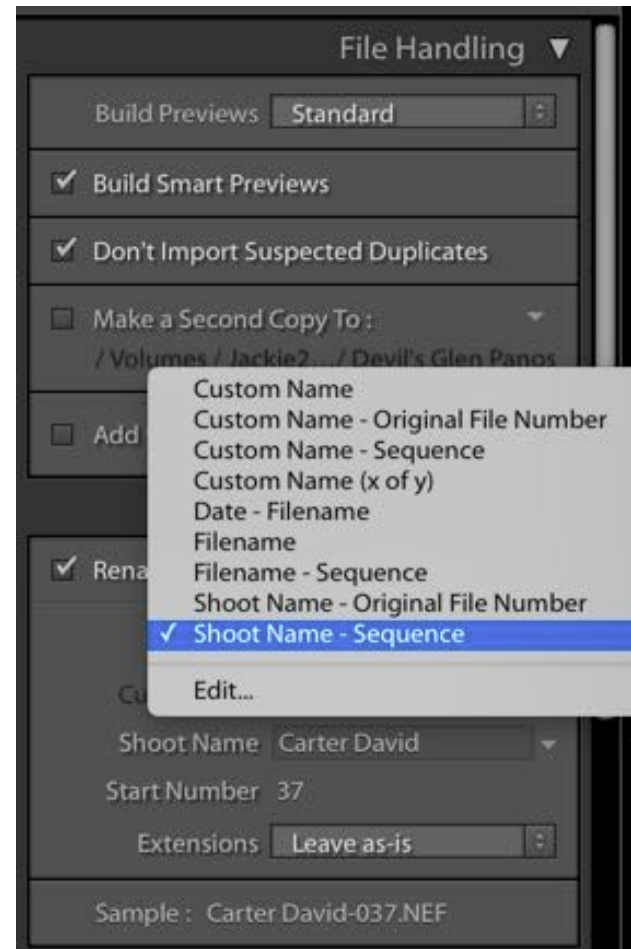
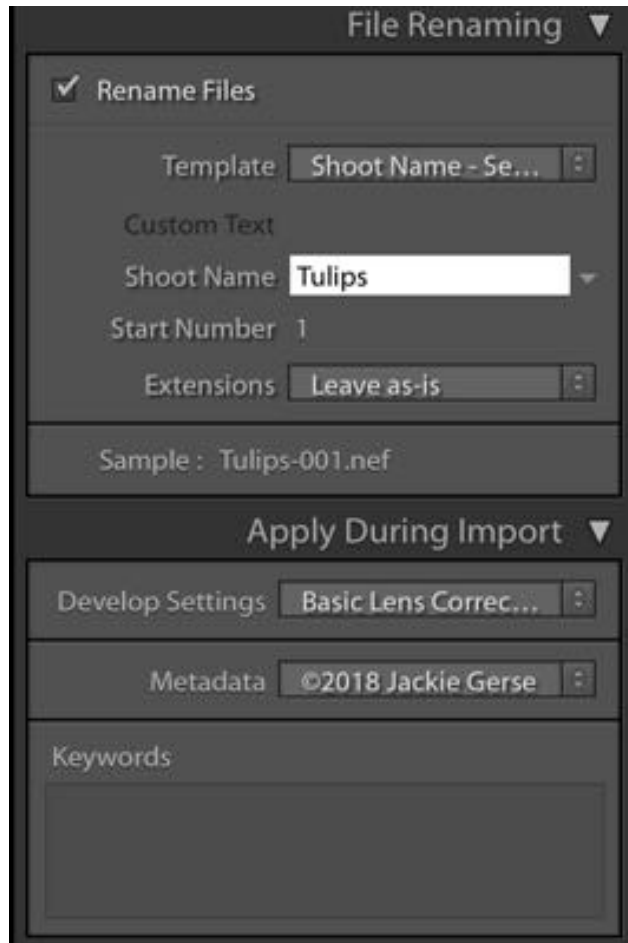
- If you want the entire set of images in a collection check this box

Importing to Lightroom

- To Rename
 - Make sure box is checked
- Template
 - Click on box or arrows to select template
- Shoot Name
 - Type in the name you choose
- Start number
 - What number do you want to start
- Sample look
 - Does it look the way you want it to look



Importing to Lightroom



File Renaming

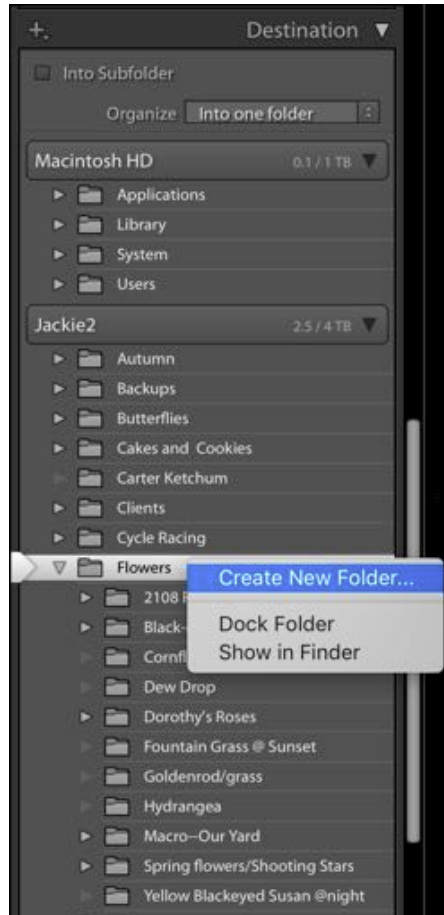
- Not available in "Add" Process
- If you don't want to rename then don't check the box
- Check "Rename Files" to customize the name
- Choose naming template...I use Shoot name-Sequence
- Choose Shoot name
- Choose Start Number
 - If you add in batches you can continue the numbering by making the start number the next one in the sequence

Importing to Lightroom—Destination Panel

Organizing your files/folders/images

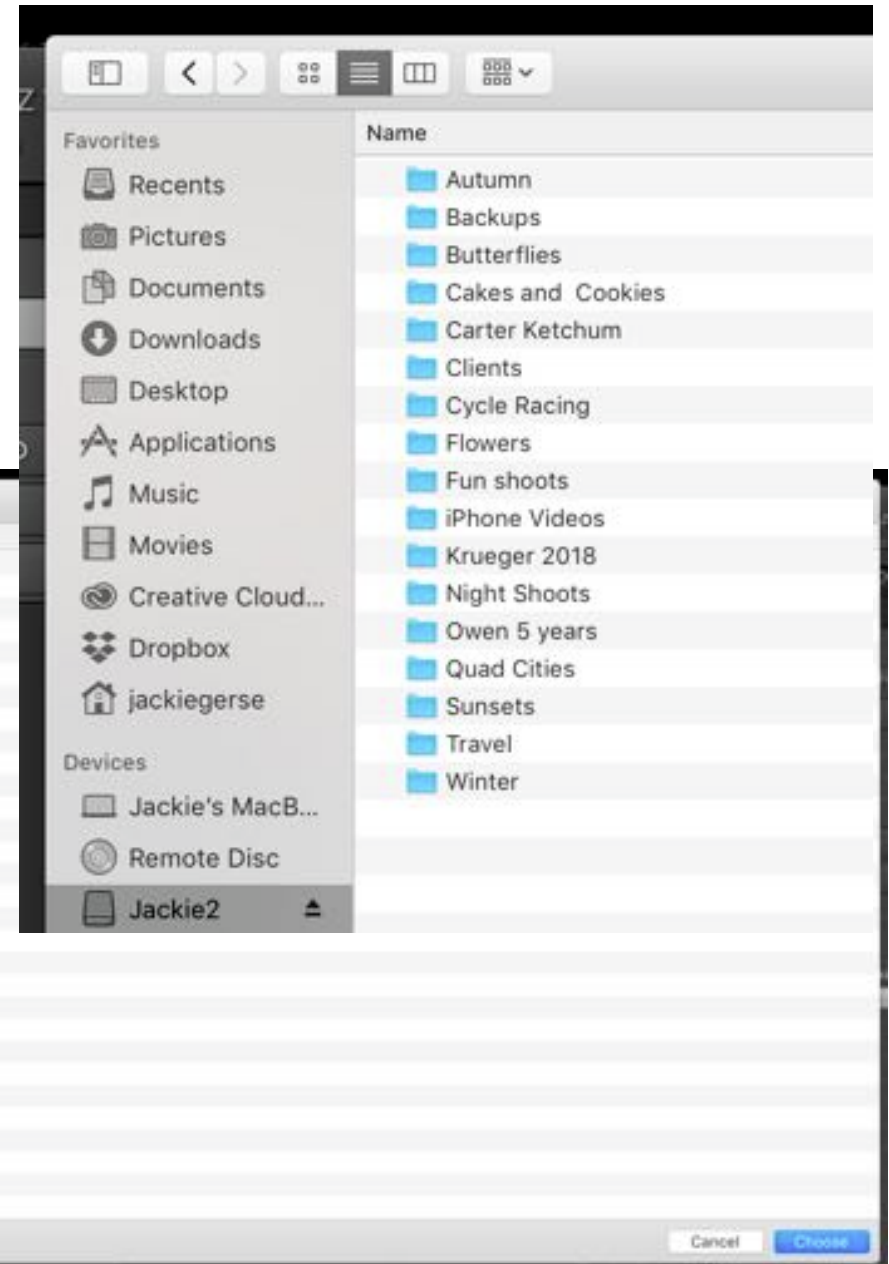
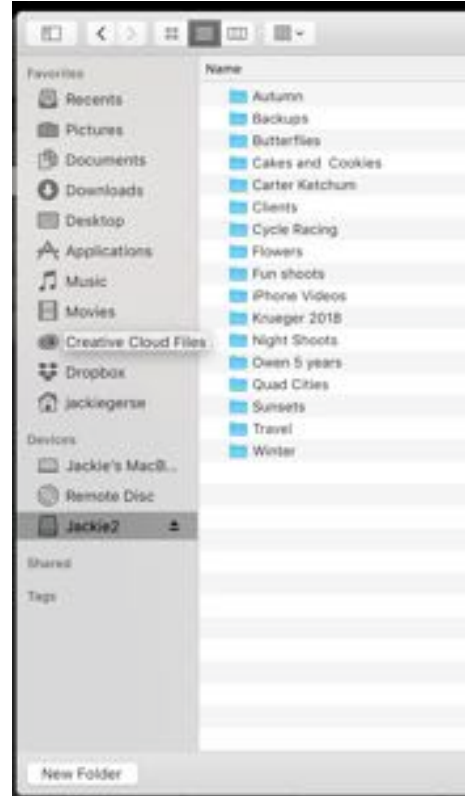
- Best to decide now
 - By Subject
 - By Date
 - Combination of Date and Subject
- I organize by subject
 - Here is the way I want my folders to be
 - Carter
 - First Days
 - Newborn
 - 3 months

Importing to Lightroom

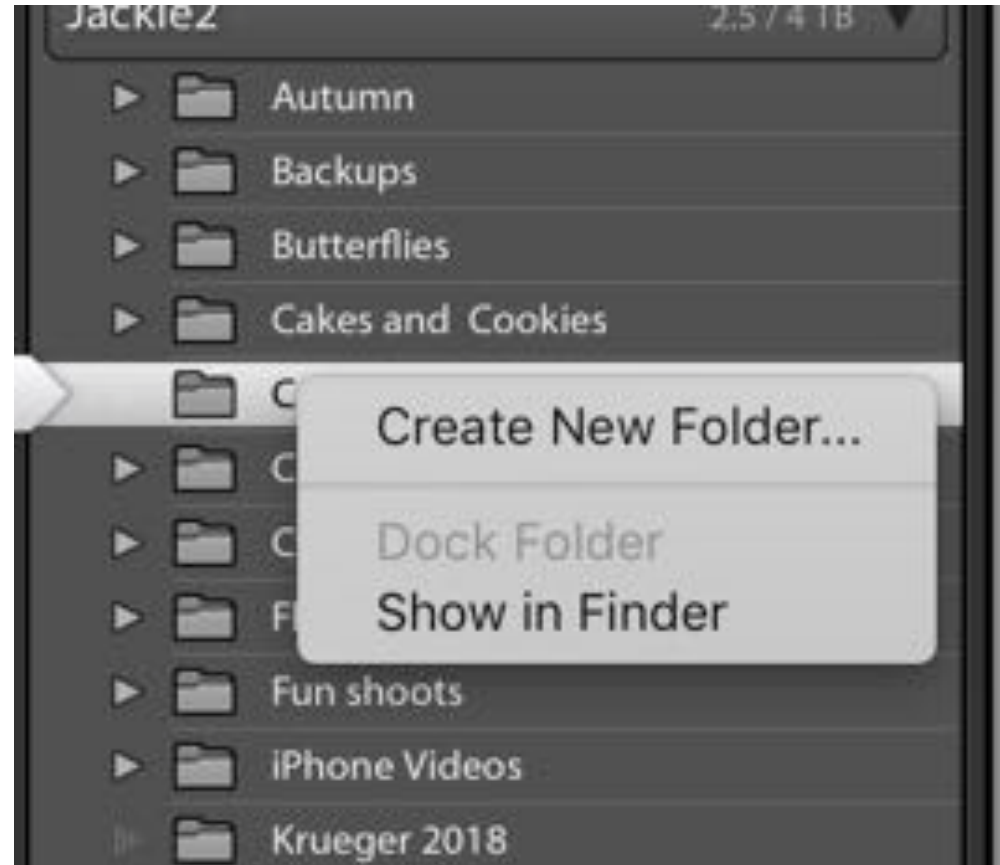


Destination Panel

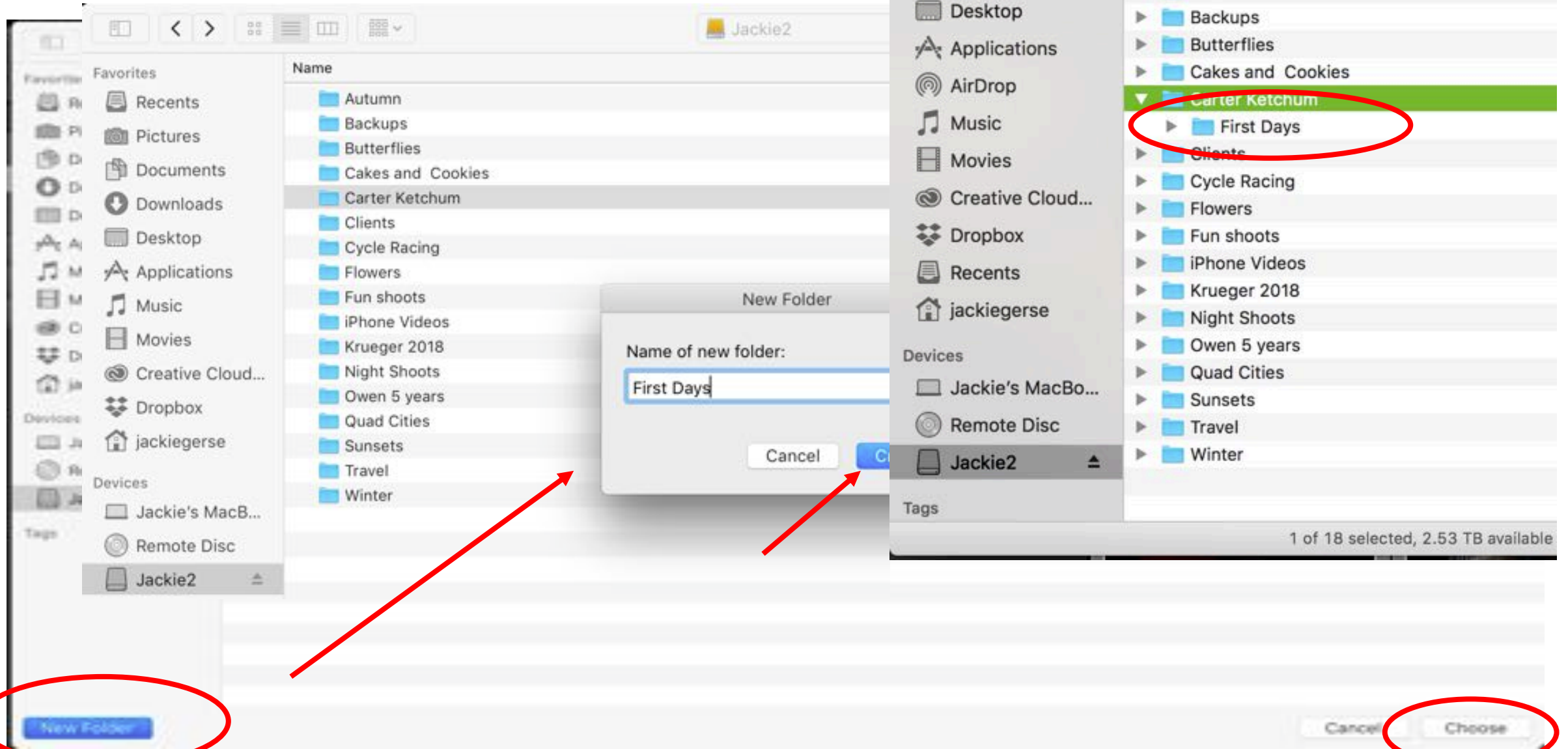
- Where do you want to store your image
- Find the main location and then the folder/sub folder
- If you need to create a folder or sub folder then RIGHT click any folder inside the hard drive file system
- Select “create new folder”
- Window will open



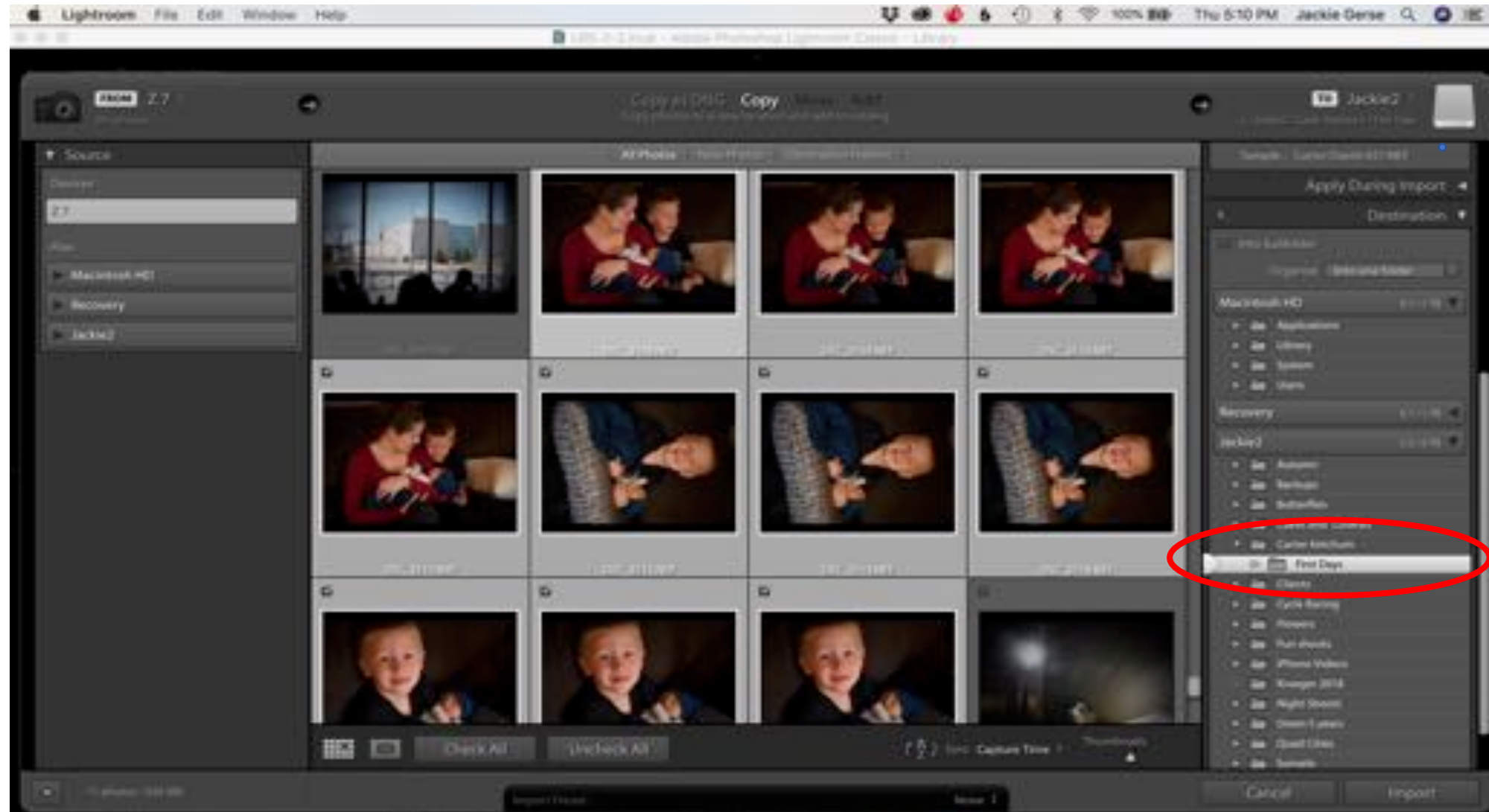
Importing to Lightroom



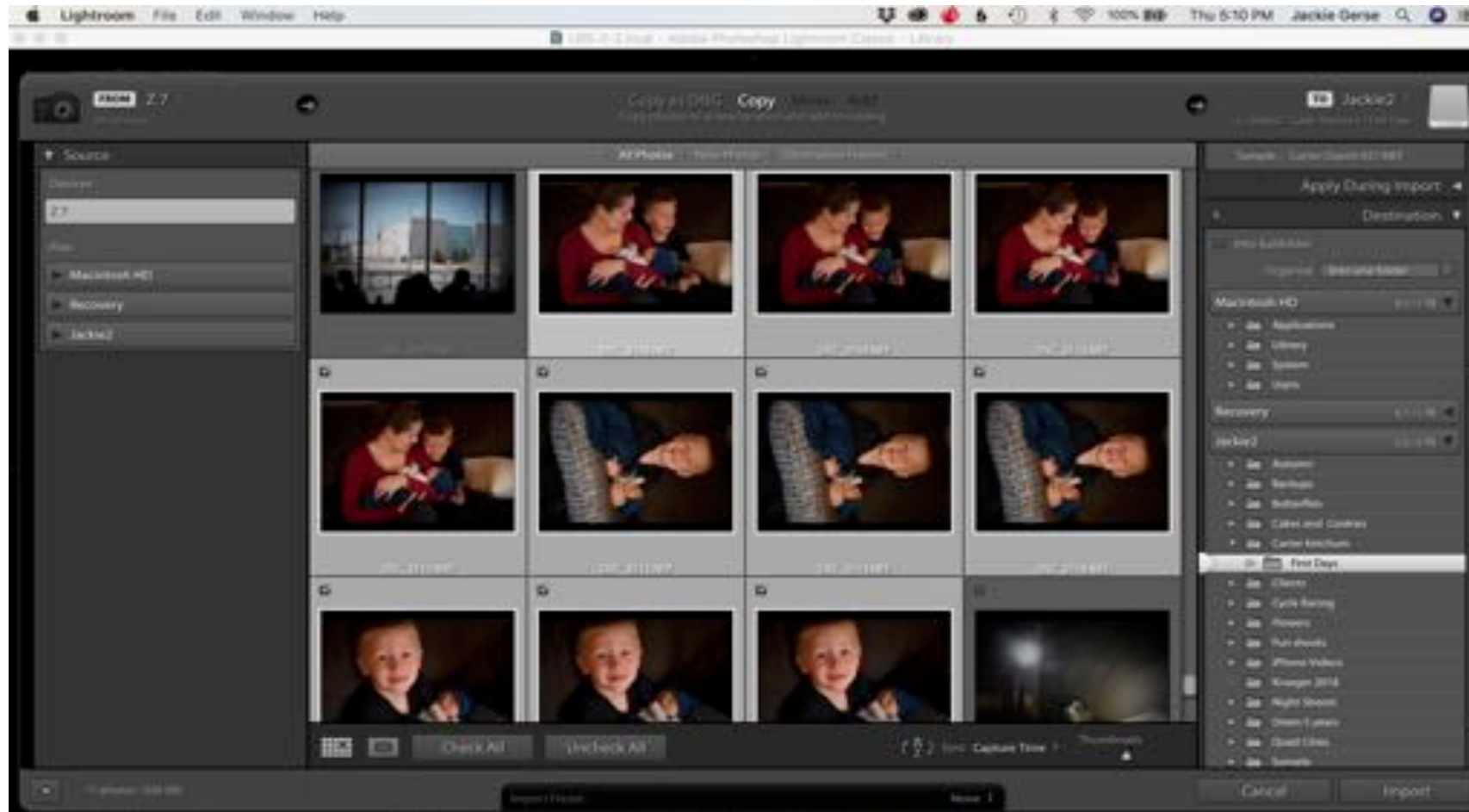
Importing to Lightroom



Importing to Lightroom—Destination Panel



Importing to Lightroom—Destination Panel



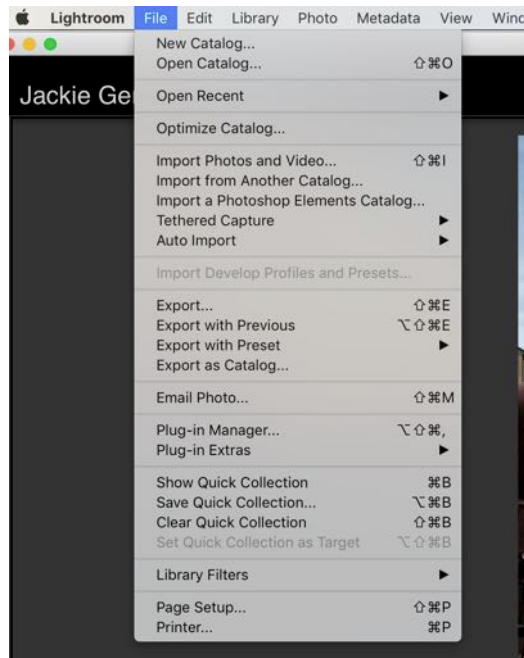
Center Panel

- Select images to be imported by highlighting them
- Then **click on the check box**

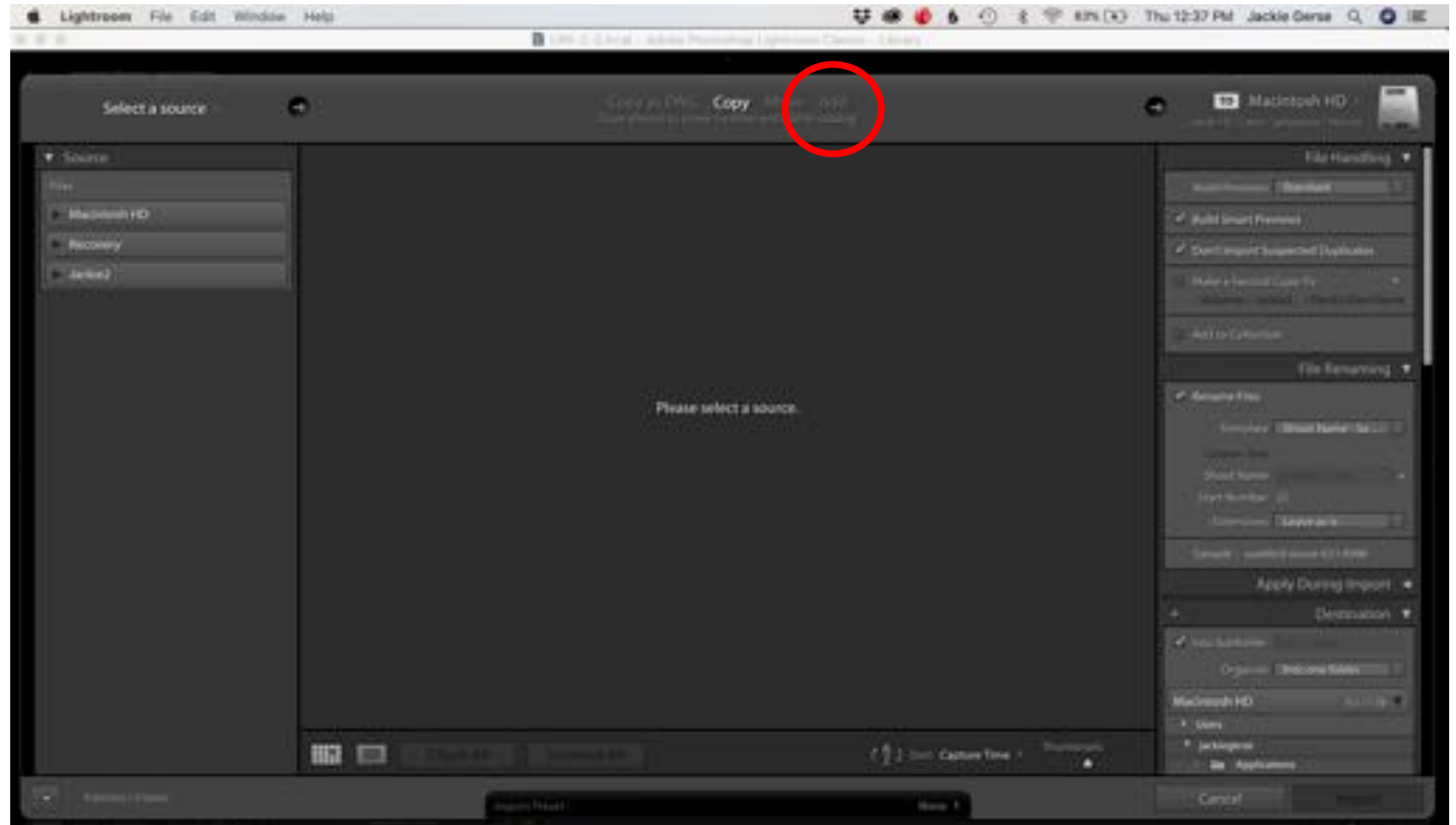
Import your images now

- ☐ Make sure you have the correct source located
- ☐ Check the box for each image that is to be imported
- ☐ Fill in the File Handling Panel
- ☐ Fill in the Renaming Panel
- ☐ Select destination location
- ☐ Click “IMPORT”
- ☐ Wait till it's done

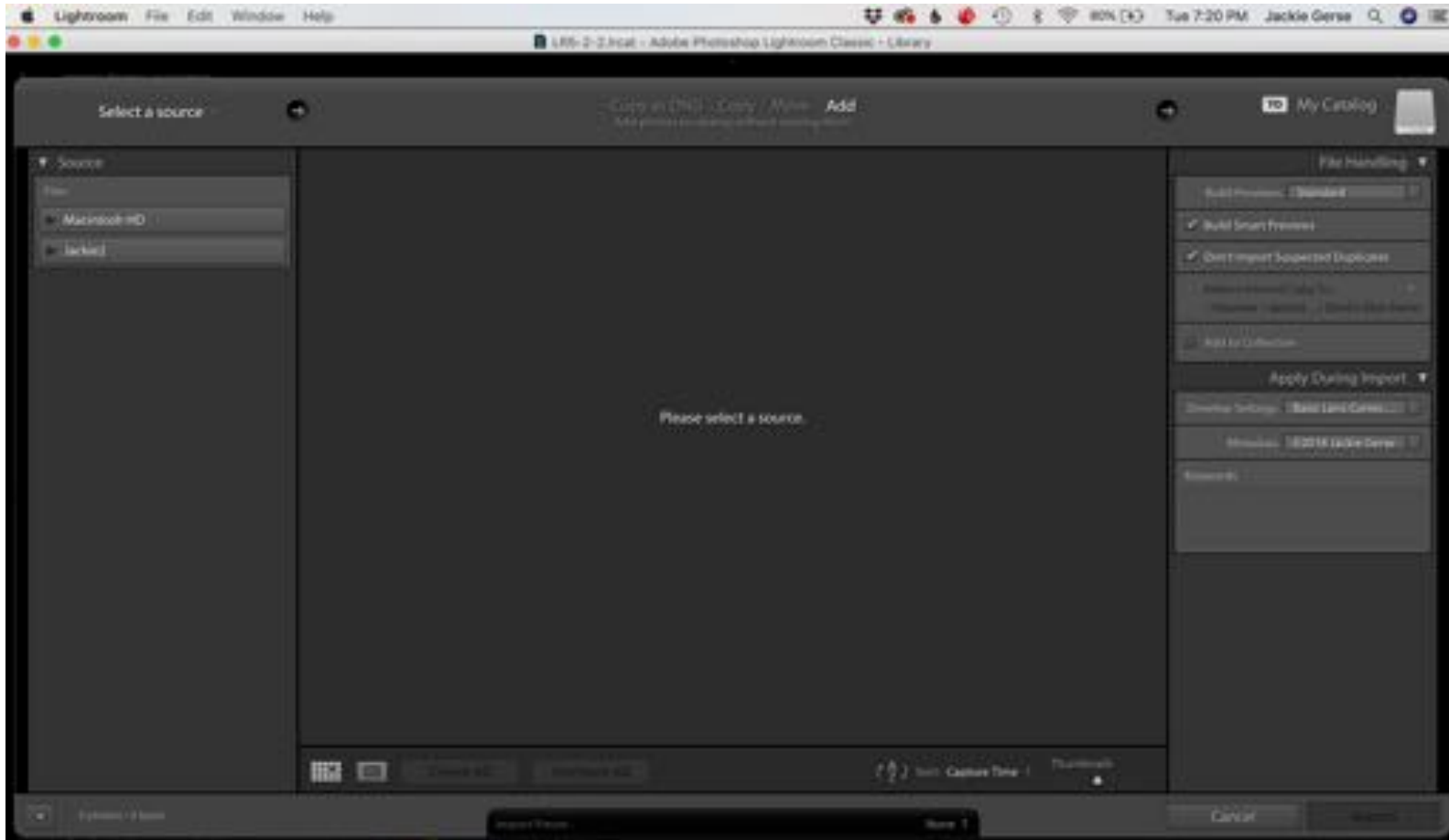
Importing to Lightroom--Add



For image files that are already stored on a drive.



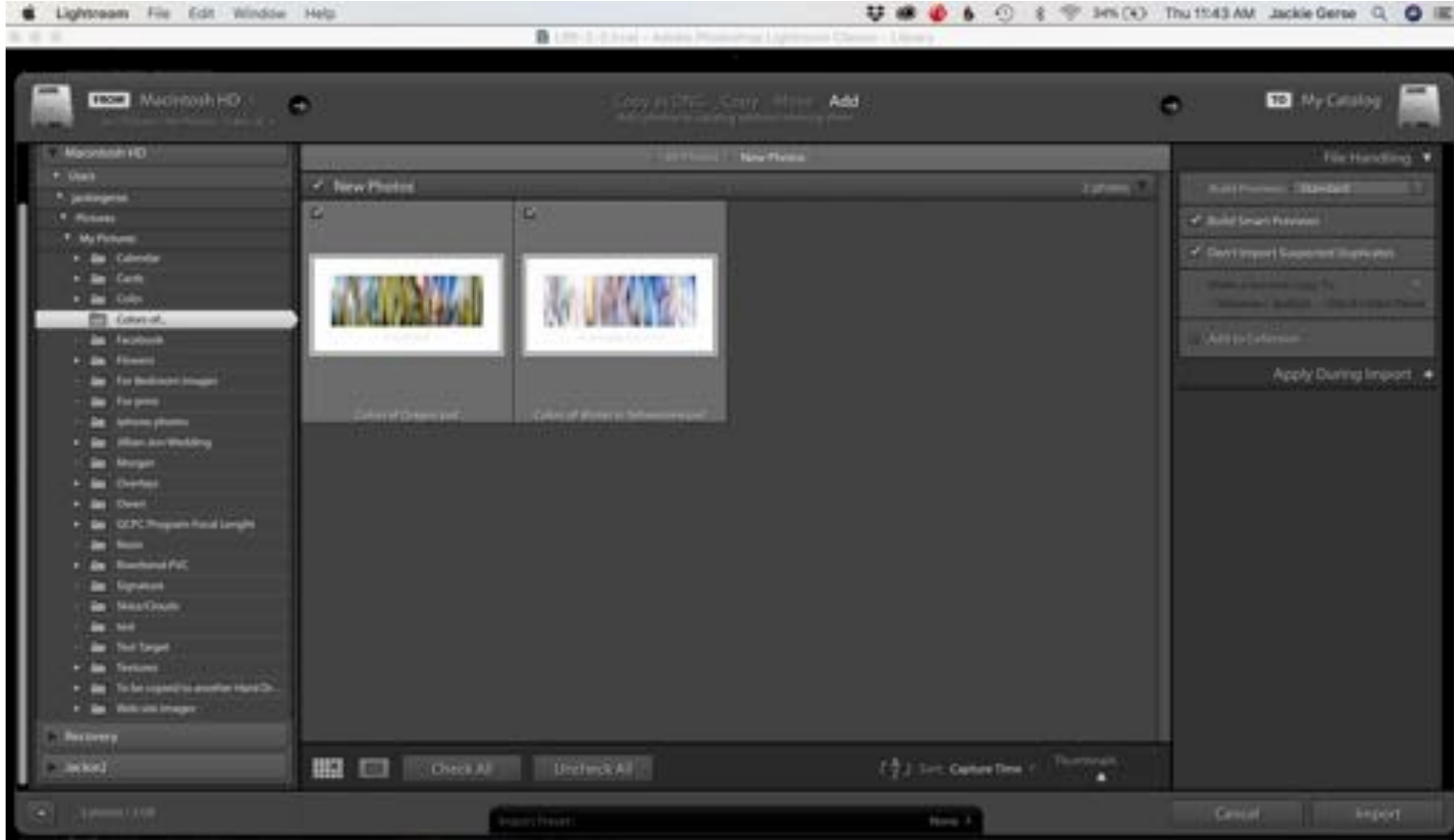
Importing to Lightroom--Add



Top Bar

- Source
 - Where are the images?
 - Computer Hard drive
 - External hard drive
- Procedure
 - How are you importing?
 - Add
- Catalog
 - File Handling
 - Apply During Import

Importing to Lightroom—Add



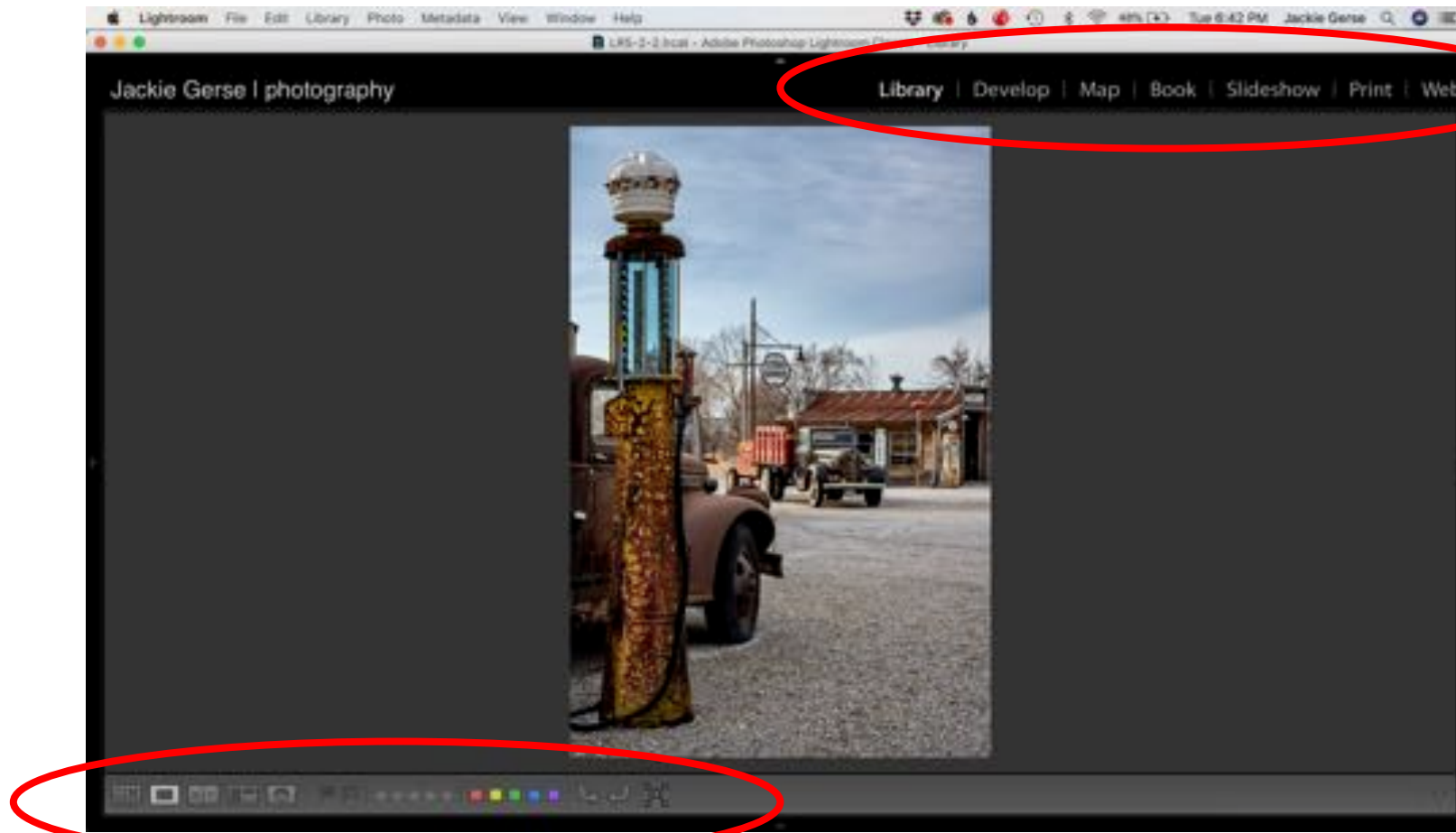
Catalog

- File Handling
 - Build previews
 - Minimal
 - Embedded & Sidecar
 - Standard
 - 1:1
 - Build Smart Previews
 - Don't Import Suspected Dupl.
 - Make 2nd Copy
 - Add to Collection
- Apply During Import
 - Develop Settings
 - Metadata
 - Keywords

You don't have to select a destination because the image files are already place

If you want to change their storage location then you would use the MOVE option

The Interface—Library Mode



Loop View-Single Image
showing



- Key board shortcut to
open/close panels
- Click on Tab button

Library Module--Views

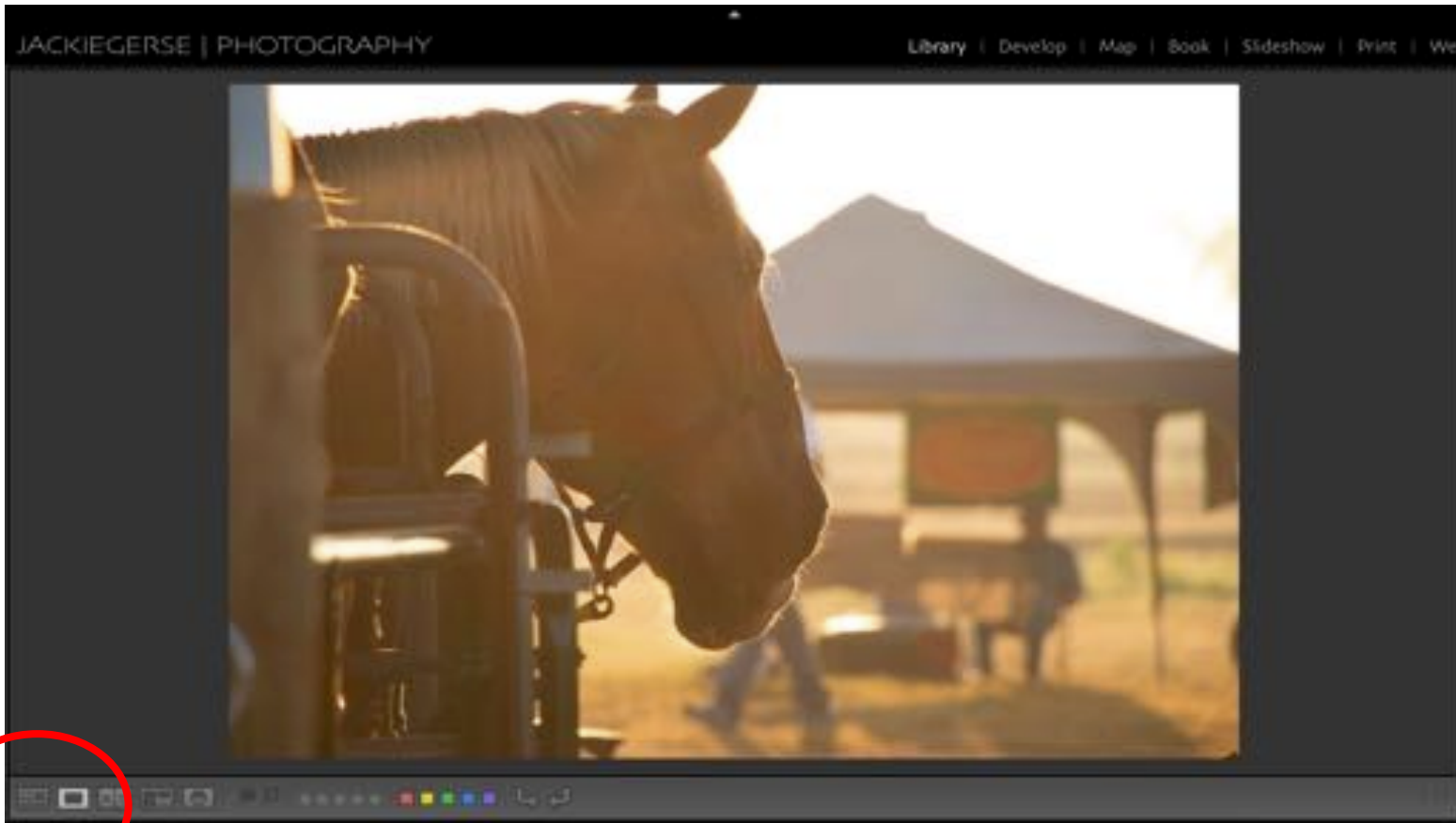
Grid View—
the thumbnail size can be adjusted
in the bottom right corner



Keyboard shortcut—
G Grid view
E Loupe view (single image)



Library Module--Views



To move between views—

- use key board shortcuts
- icons in the bottom left corner

Keyboard shortcut—

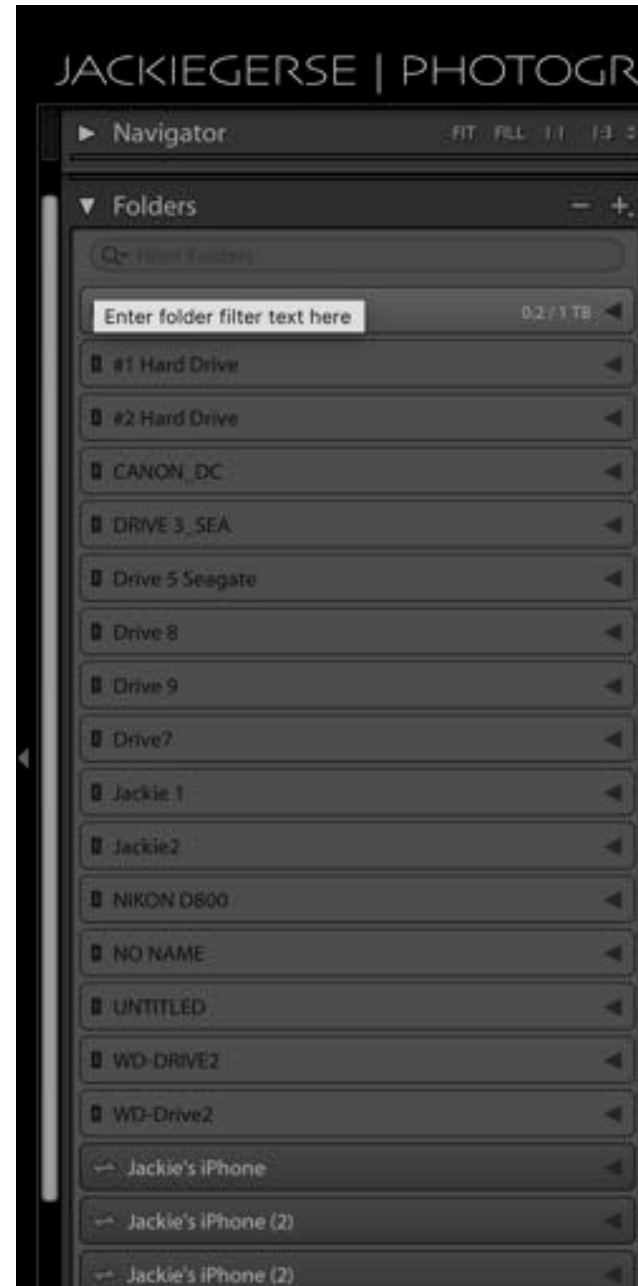
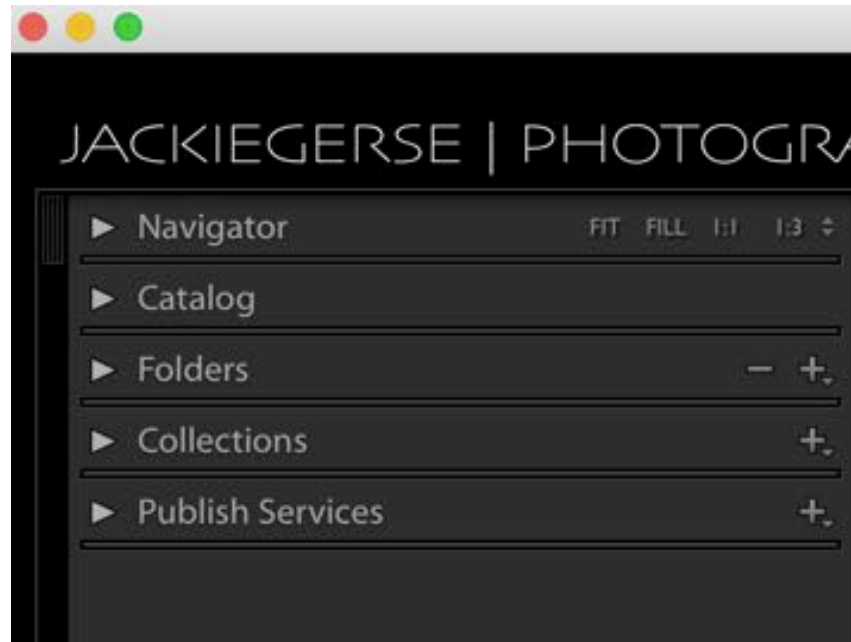
g Grid view

e Loupe view (single image)

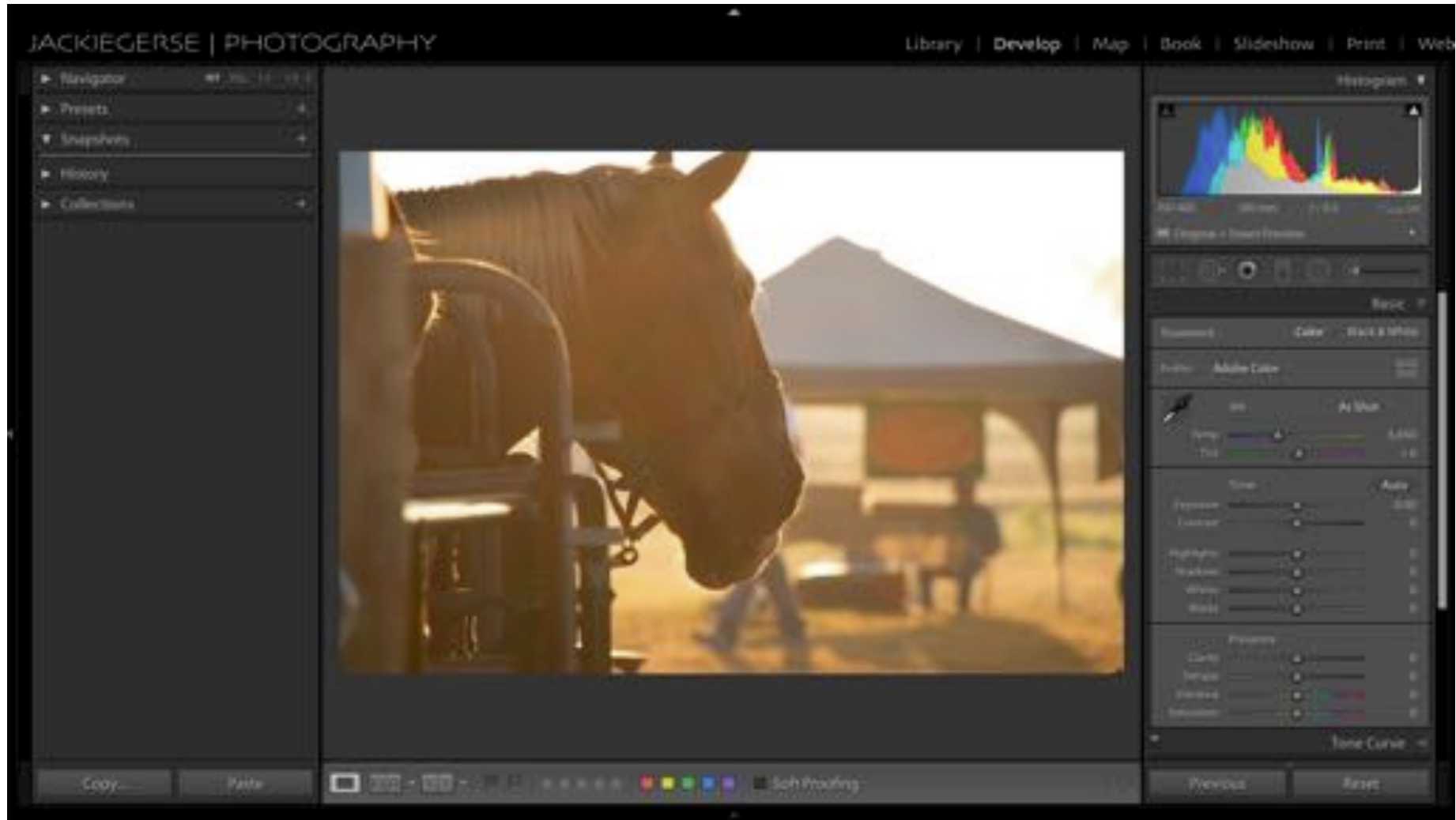
Let's find your new images

- Go to Library Mode
- Left Panel
- Folders
- Locate the file you just used during import
- Click on that file
- Go to grid view—press the letter G or the grid icon in lower left corner

Interface-Left Panel



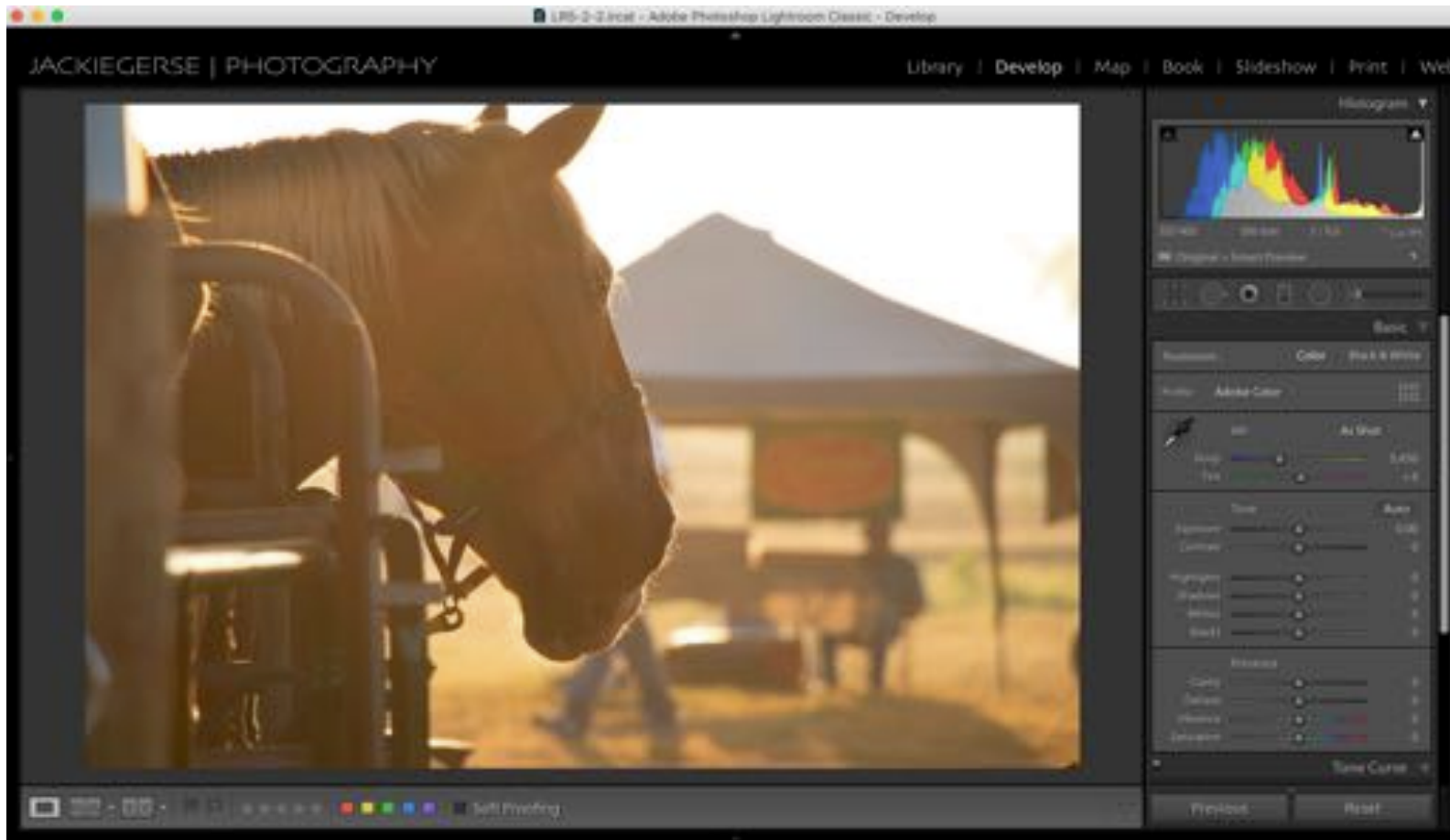
Develop Module



Getting from Library to Develop...

- Go to top bar and click on Develop
- Keyboard shortcut click on the letter D

Develop Module—My Working View

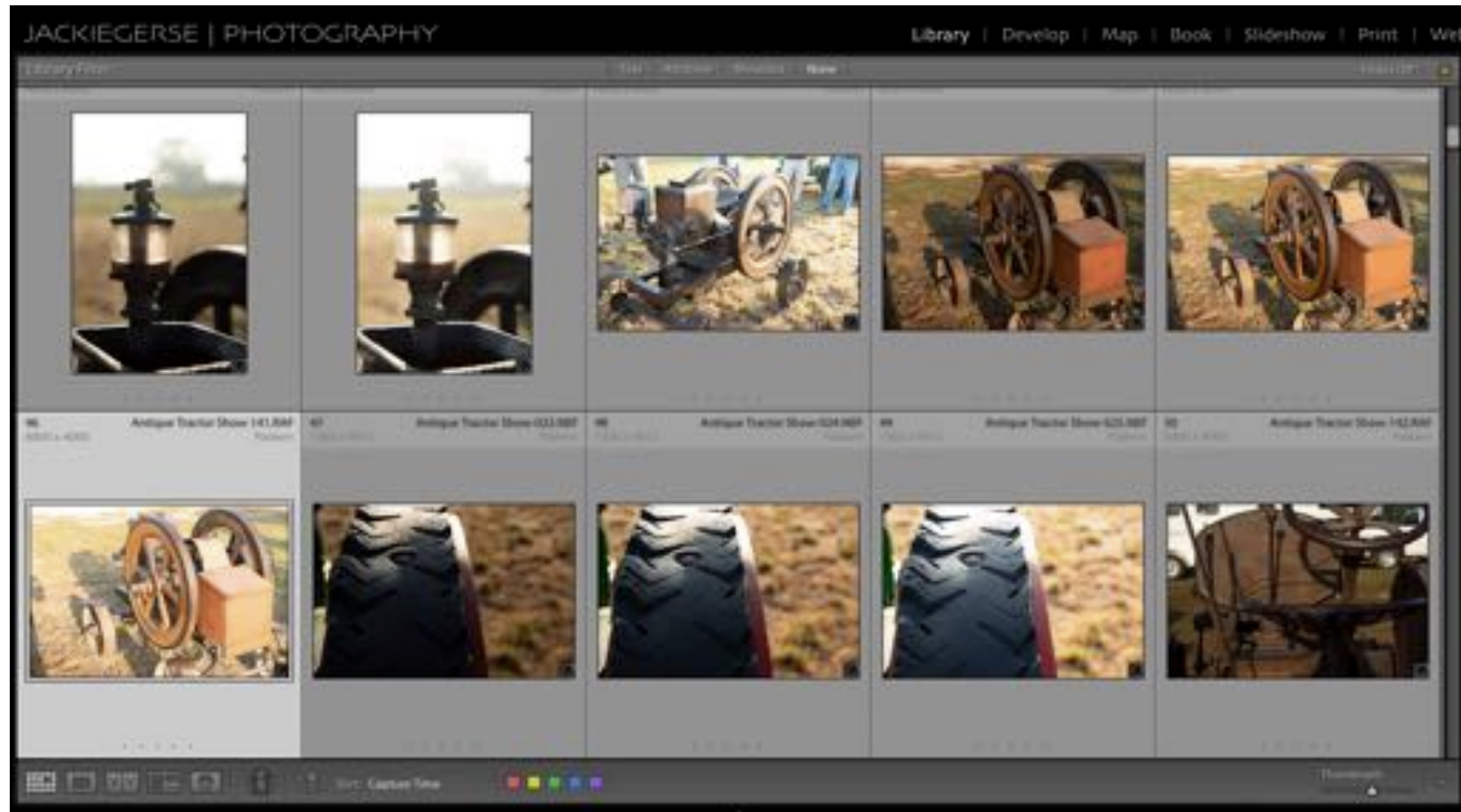


This is my working layout

- Left panel closed unless needed
- Right panel always open
- No filmstrip unless needed

Using the Develop Module

Using Develop Module



In the Library Module

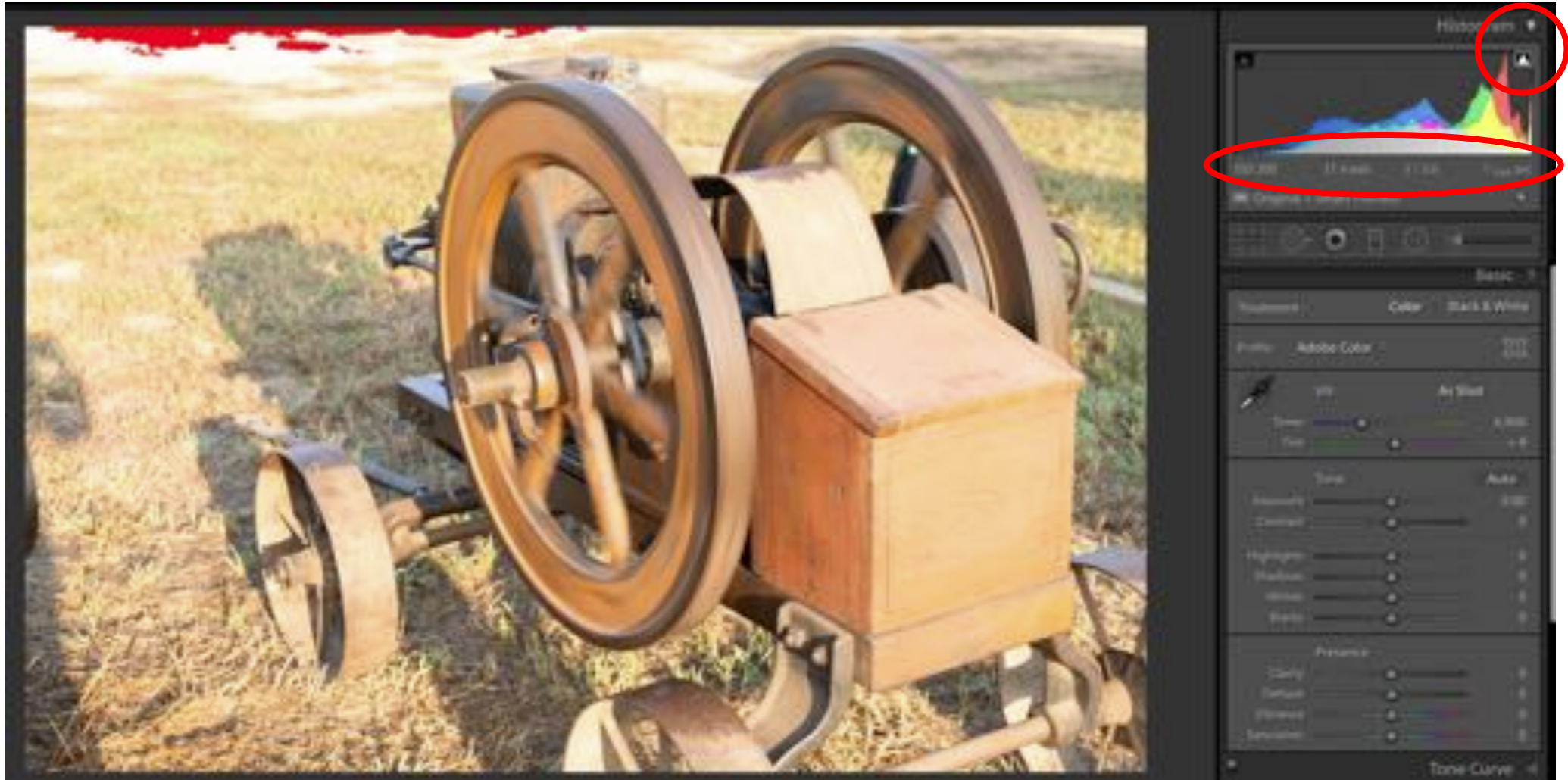
- Highlight the image to work on
- Click on the letter D (that will take you into the develop module)
- Or go to the top bar and click on the word Develop

Using Develop Module



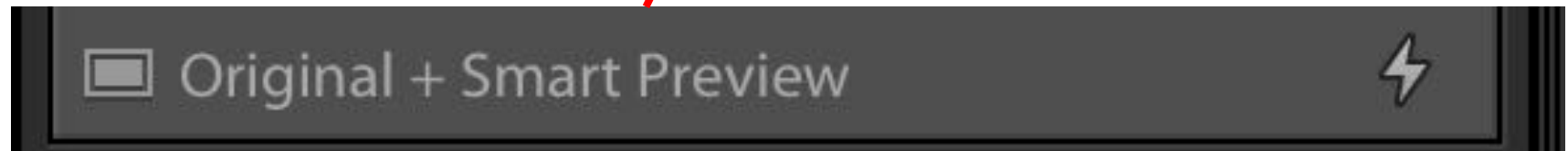
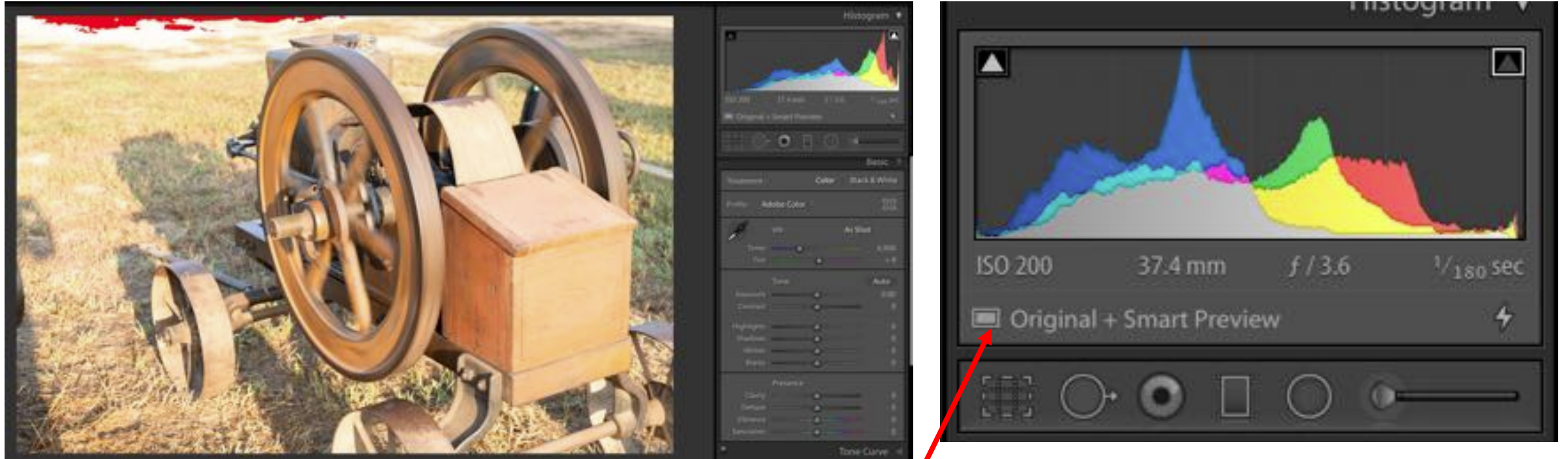
Using Develop Module

When clicked...clipped highlights will show up on the image in red



Camera settings are displayed here while cursor is over panel..... not over image

Using Develop Module



We'll come back to this panel

Using Develop Module



Access the needs of the image

What needs to happen to achieve the look you envision

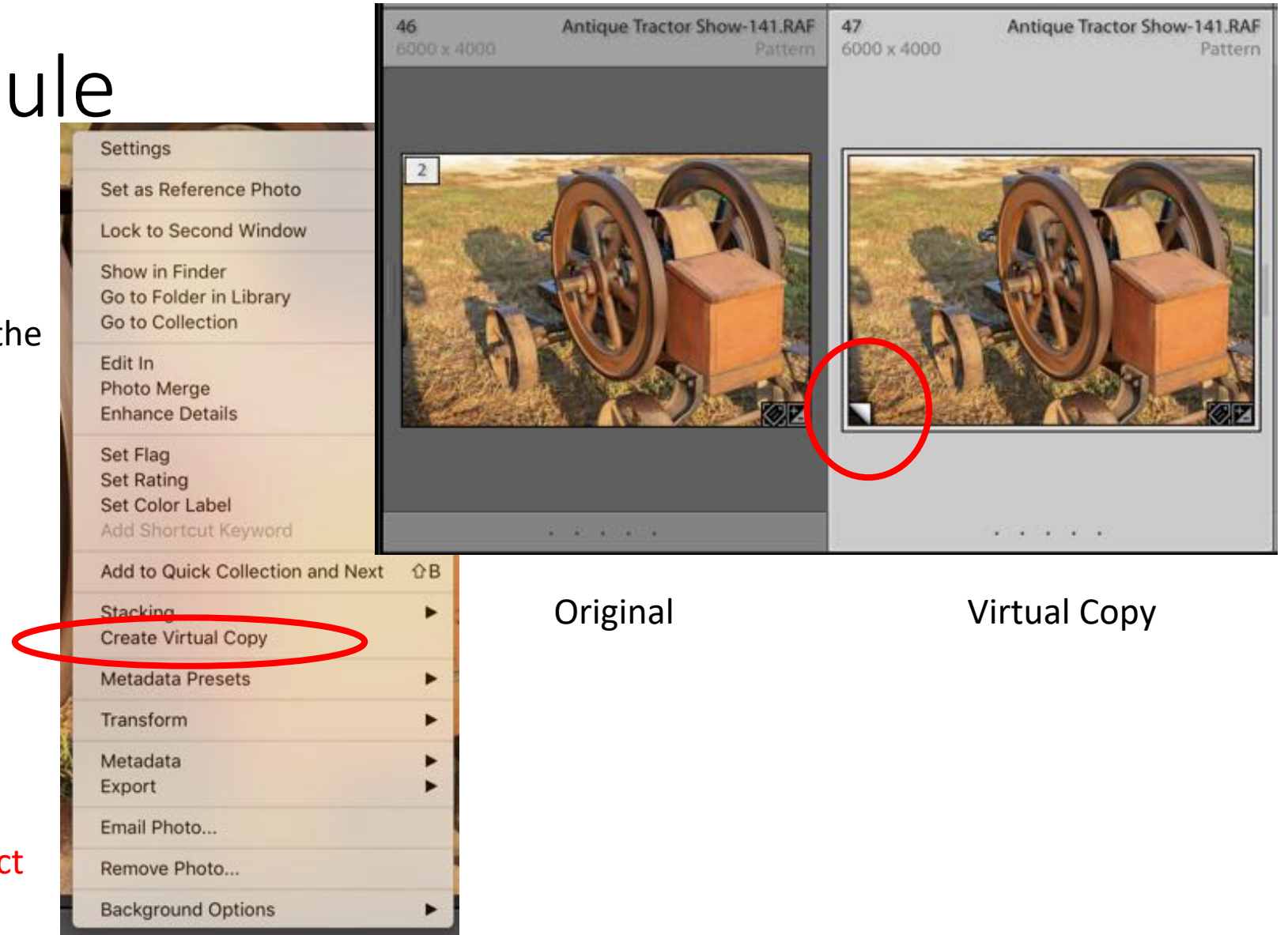
Develop Module

My Work Flow

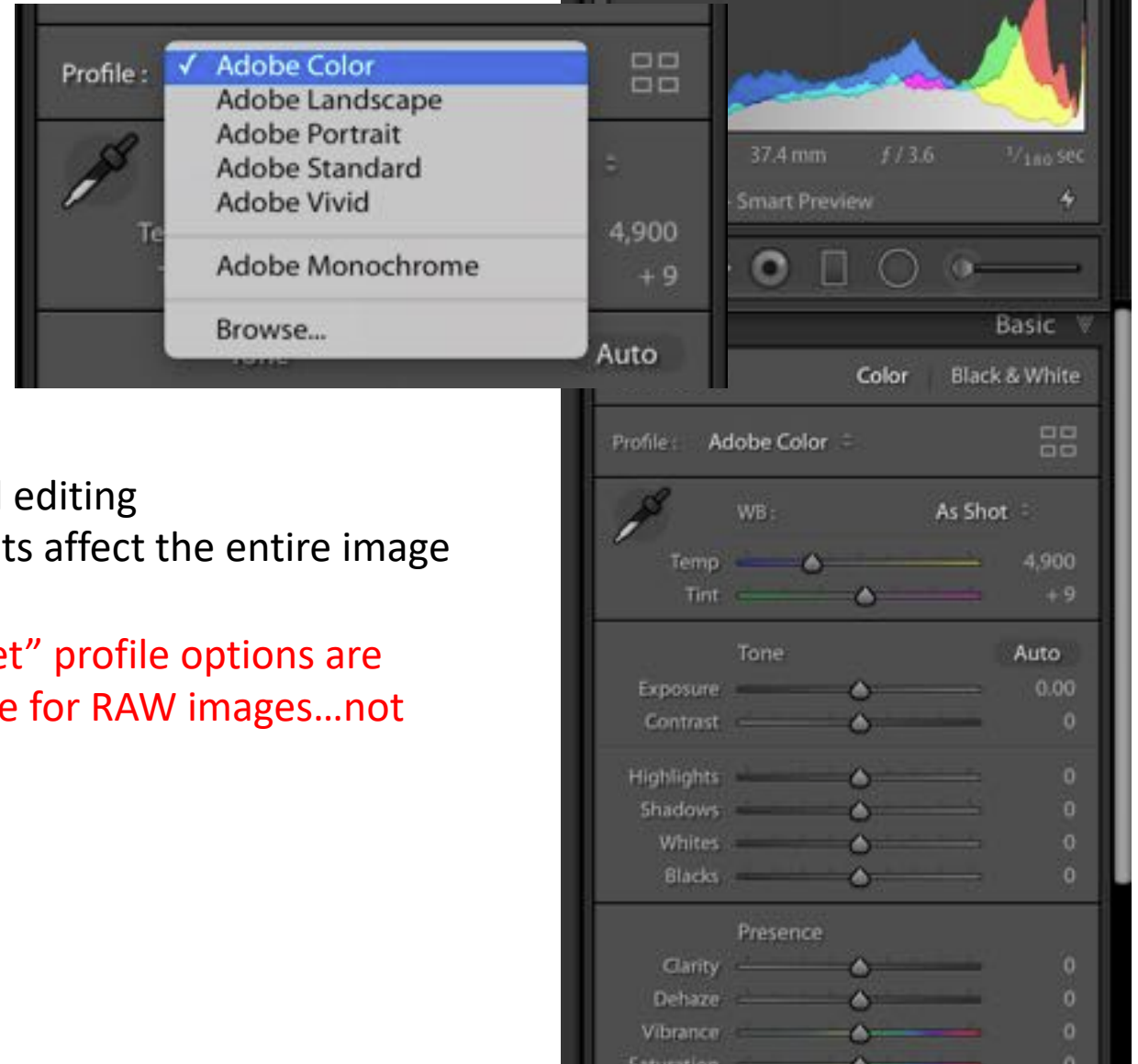
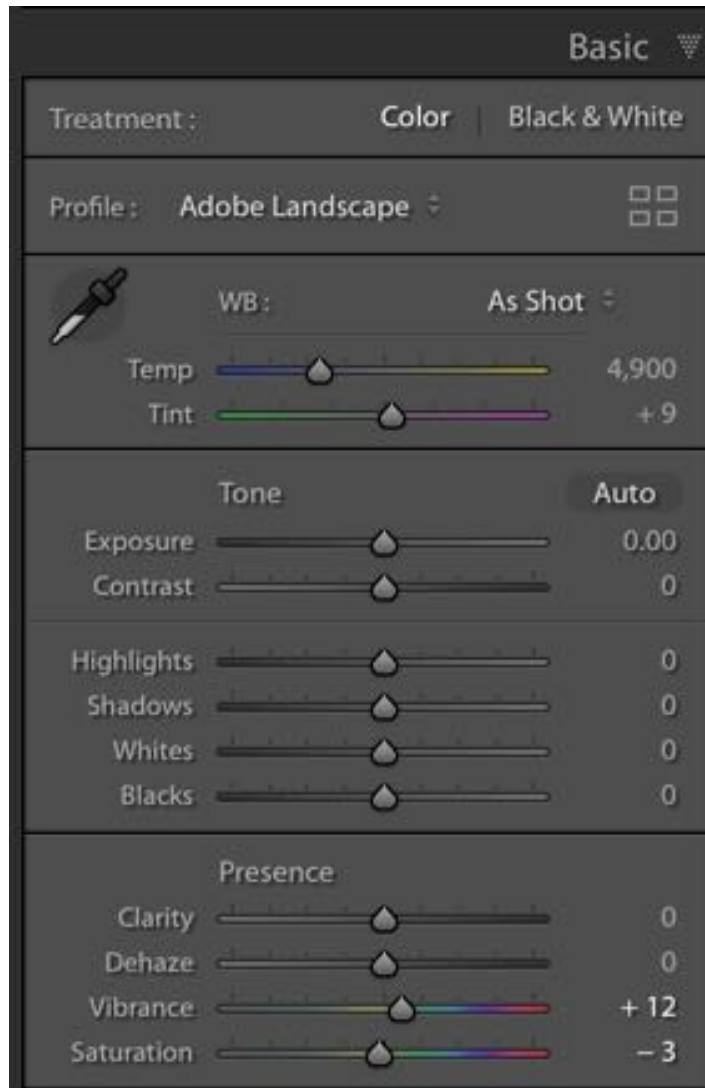
- Do I want to be able to see the original RAW/jpg?
- Make virtual copy

To make Virtual Copy

- Right click on the image
- From the pop up menu select “Create Virtual Copy”



Develop Module—Basic Panel

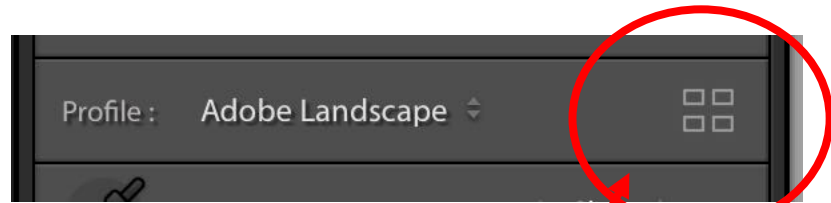


This is global editing

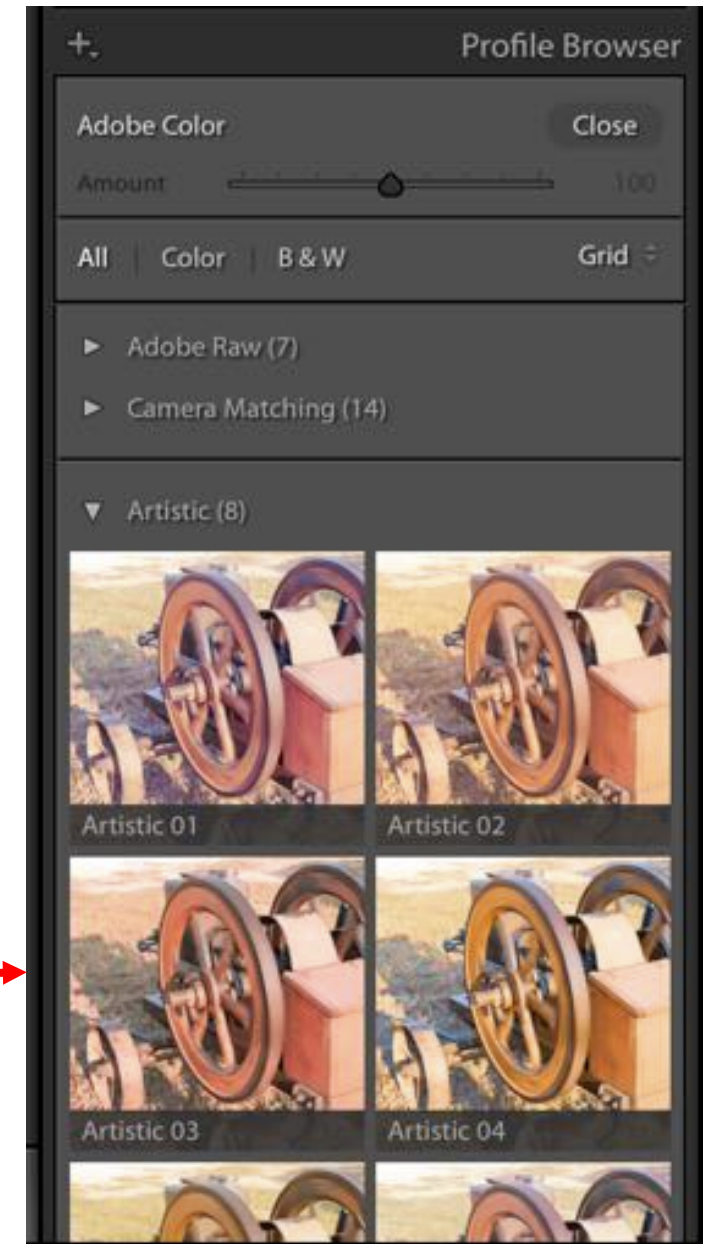
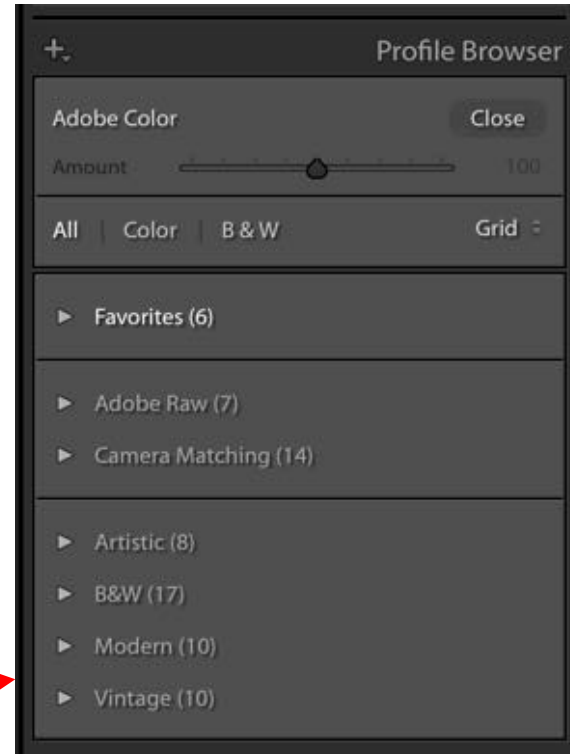
- These edits affect the entire image

These “preset” profile options are only available for RAW images...not Jpeg

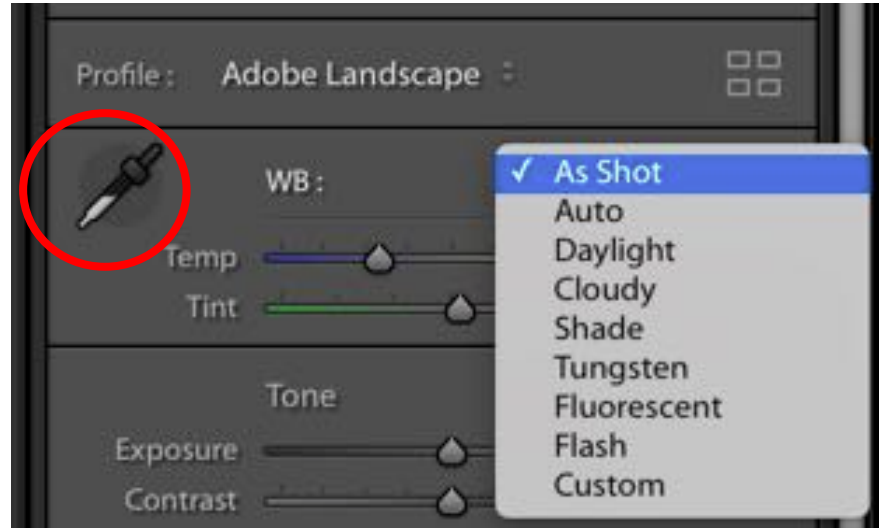
Develop Module



- For more Profile options click on the 4 boxes shown in the red circle above
- This window will open
- Use the arrows to the left of each to expand and see the options inside each category
- I tend to check these after I do some editing



Develop Module



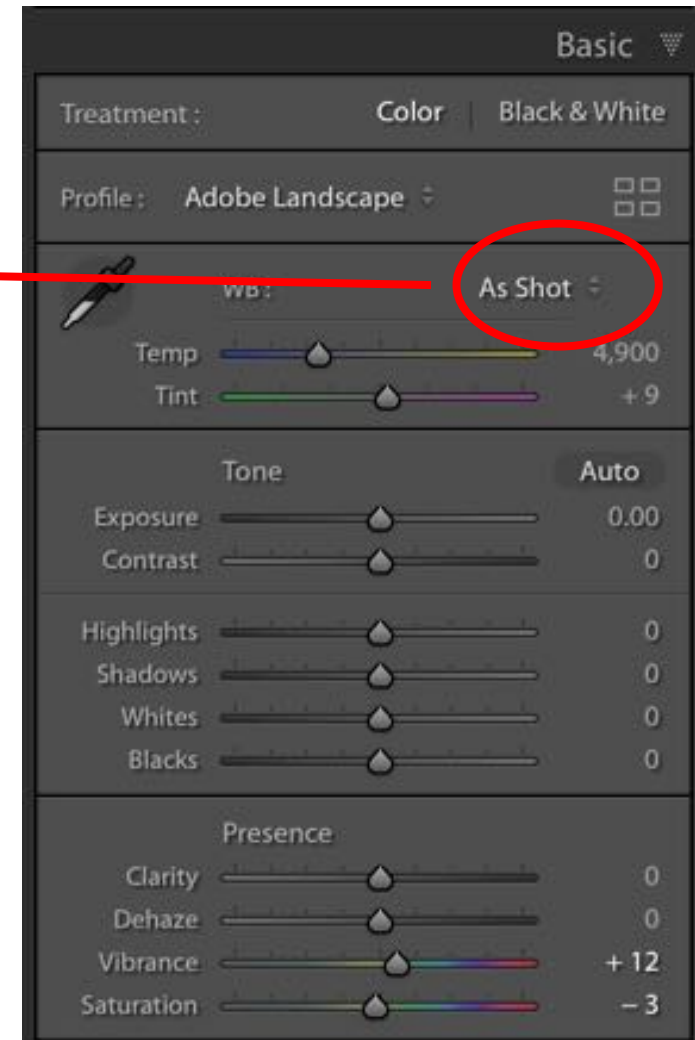
White Balance

- Can adjust with presets
- Or eyedropper
- Or with sliders

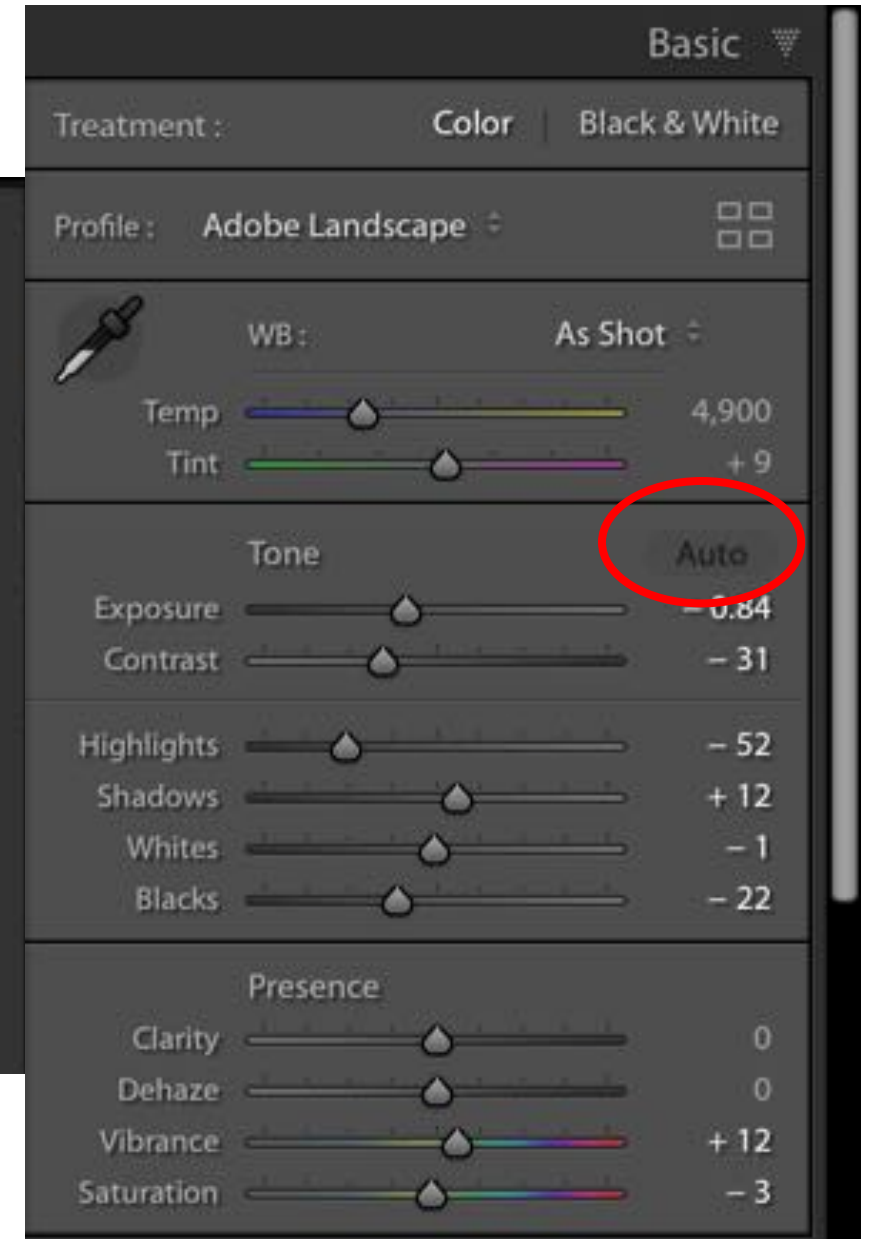
Eyedropper White Balance

- Needs to be on something you **know** is white, black, or gray

With either the presets or eyedropper tool...sliders can be adjusted to improve the color



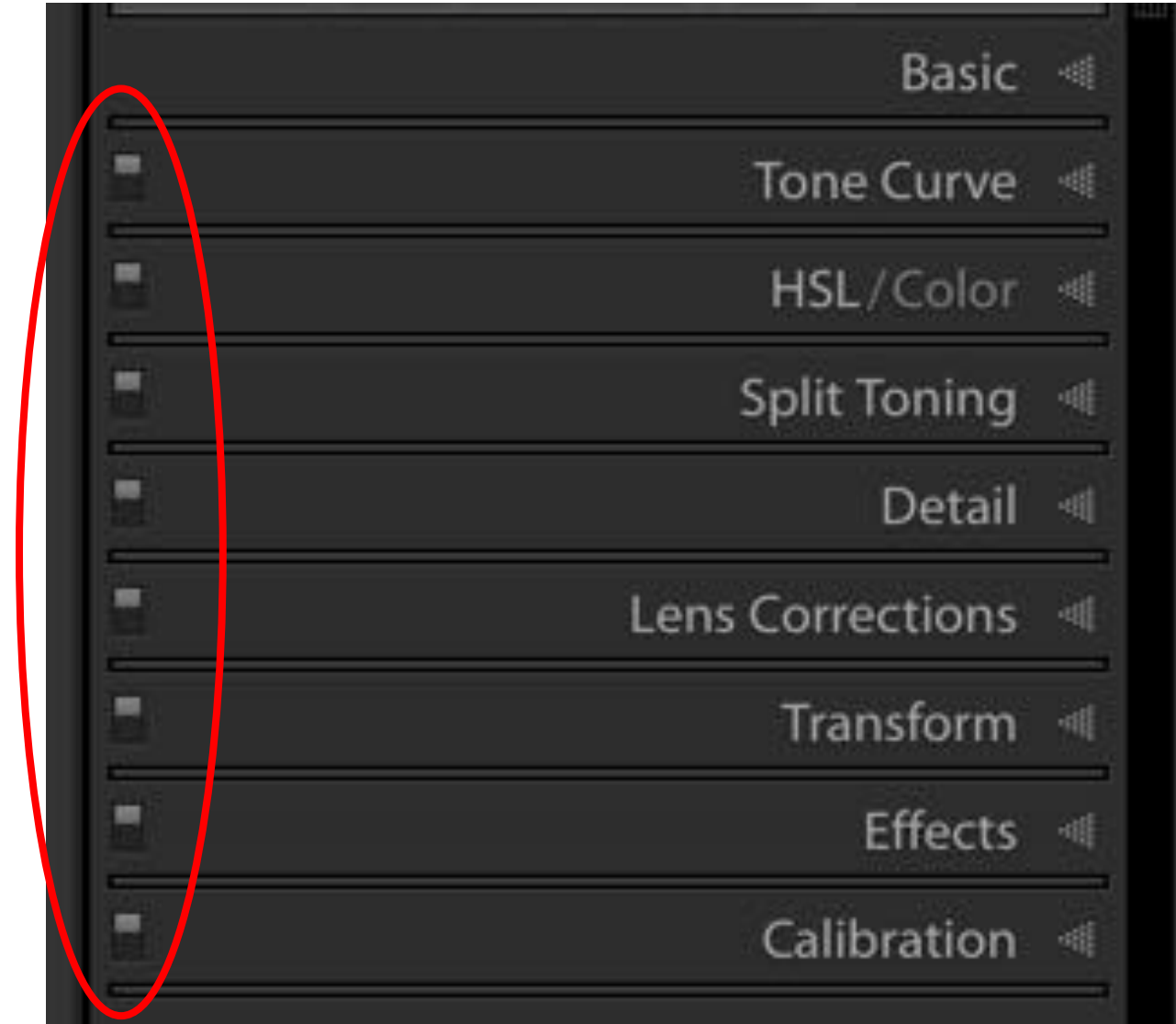
Develop Module



Try the Auto Button as a start

- Keep it or Tweak it or Undo it
- To undo it...Double click on Tone or Commd (Contl) +Z

Develop Module—General Info



All Panels...EXCEPT the Basic Panel

- Have a switch on the left to turn the effect on/off
- This will show a before and after of each

To show a complete Before/After

- Click on the backslash key

Develop Module—Detail Panel

Switch to turn off/on this affect

Make sure it's in the up position to see the effect

This allows you to select the area of the image that you want to view

- Click on the little square
- Move cursor to the area that you want in the window
- Click

This allows you to close up the area with the image close up

These are the default settings

FYI...There are times when you may want to remove these amounts so just be aware that they have applied these automatically



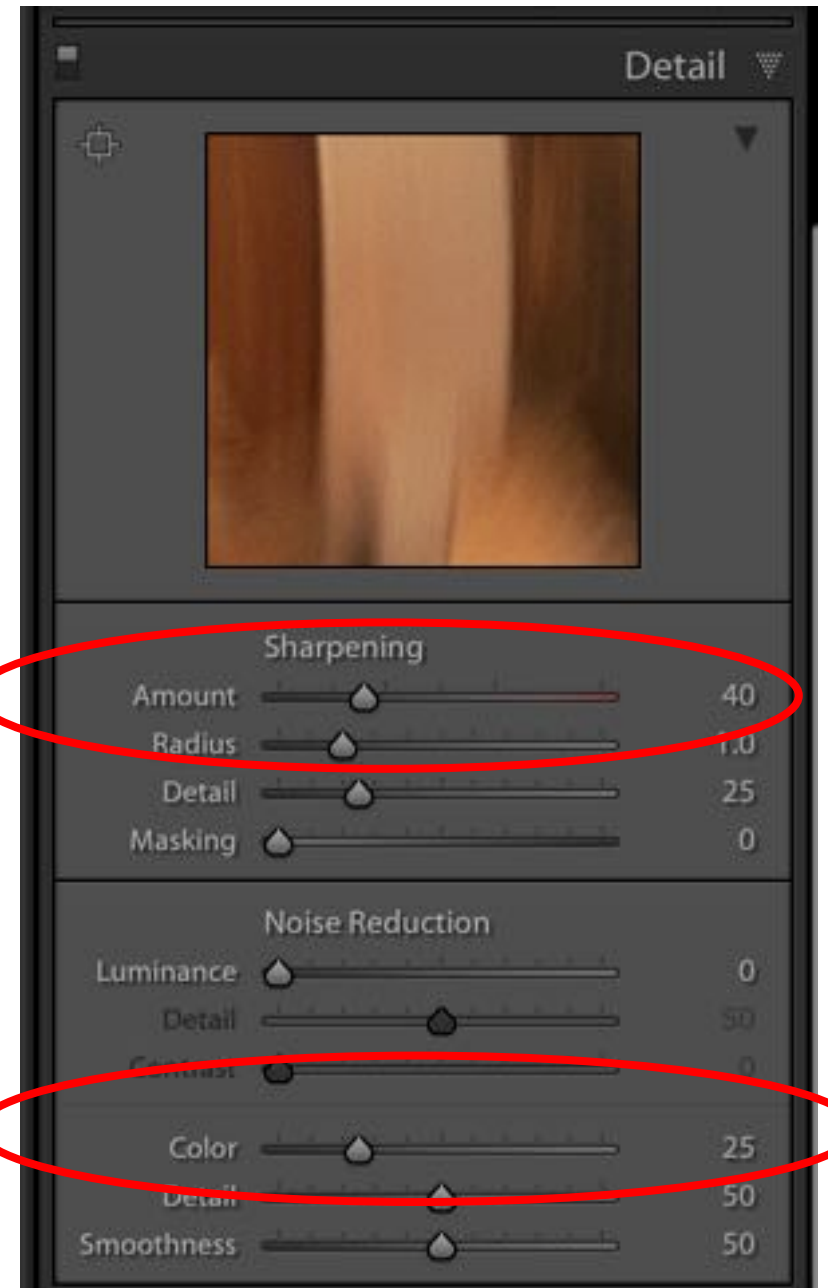
Develop Module—Detail Panel

If you are only applying sharpening in Lightroom then

- You can apply around 100
- Or Sharpening + Luminance Noise Reduction = 100

These are the default settings

FYI...There are times when you may want to remove these amounts so just be aware that they have applied these automatically

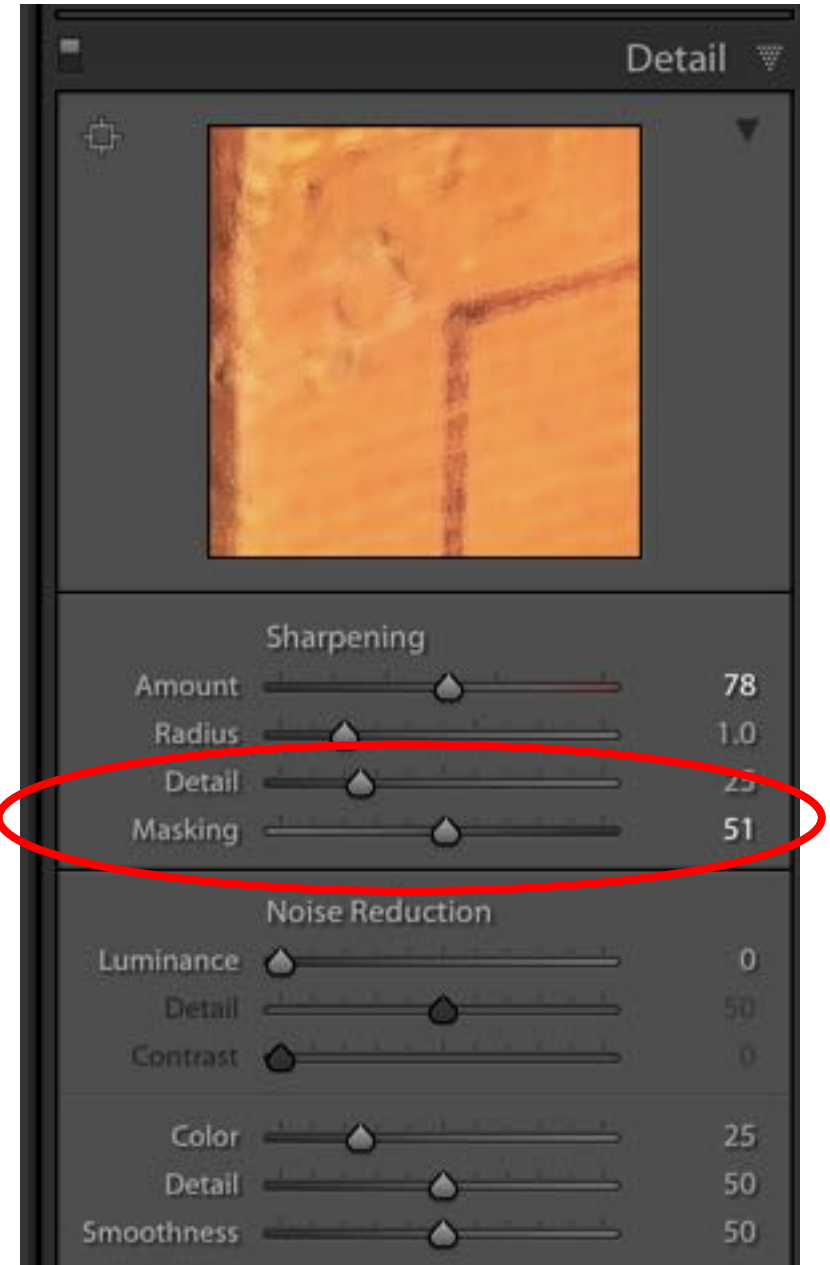


Develop Module—Detail Panel

To use Masking

- Hold the Alt key while sliding the masking button
- This will show the entire image as white
- As you hold the alt key and slide the slider to the right it will start turning black
- Slide until only the areas you want sharpened are white. Unsharpened areas will be black

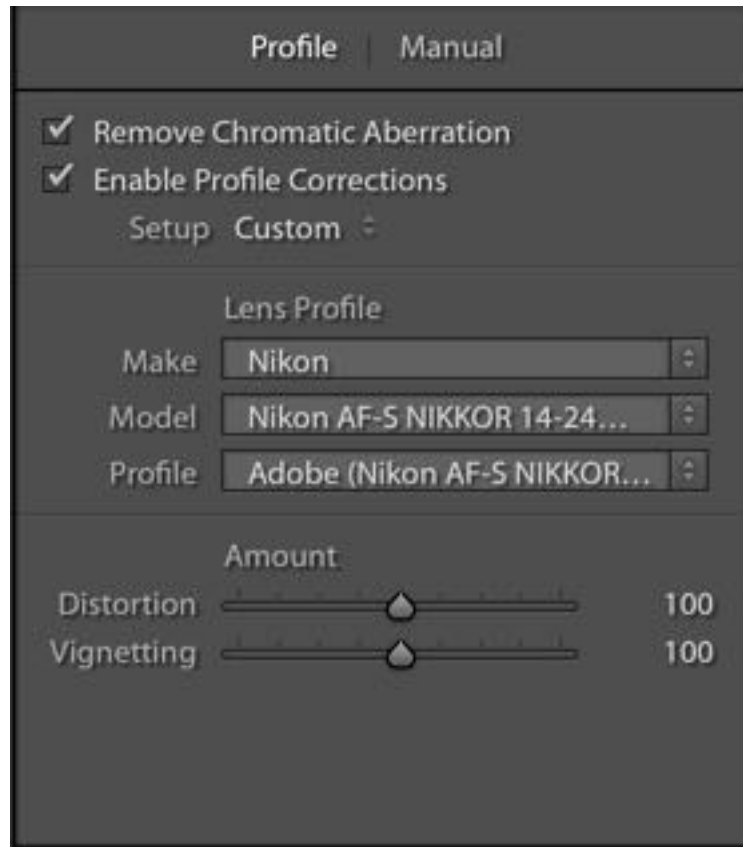
Black conceals, white reveals!



Class 2

Lightroom Demo

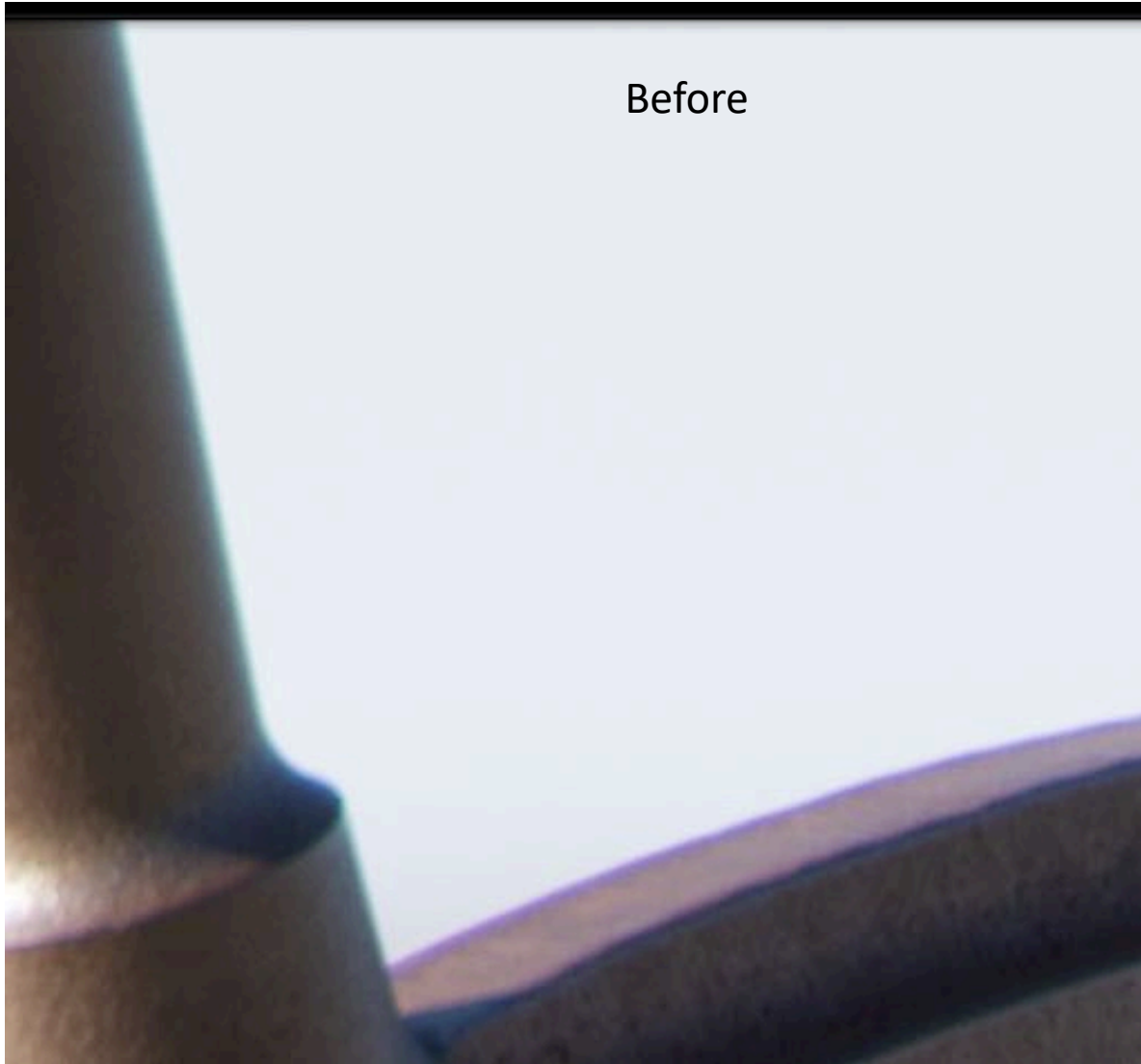
Develop Module—Lens Corrections



Profile

- Remove Chromatic Aberration
 - Important for outdoor/high contrast images
- Enable Profile Corrections
 - Your choice...do you like what it accomplished or not
- Lens Profile
 - Many times it will auto populate
 - If it doesn't, click arrows and locate maker
 - Then the lens used
- Amount...Distortion and Vignetting
 - Sometimes the correction isn't enough so you can move the sliders to make further adjustments

Develop Module—Lens Corrections



Develop Module—Transform



Test each option...

- Auto
- Level
- Vertical
- Full

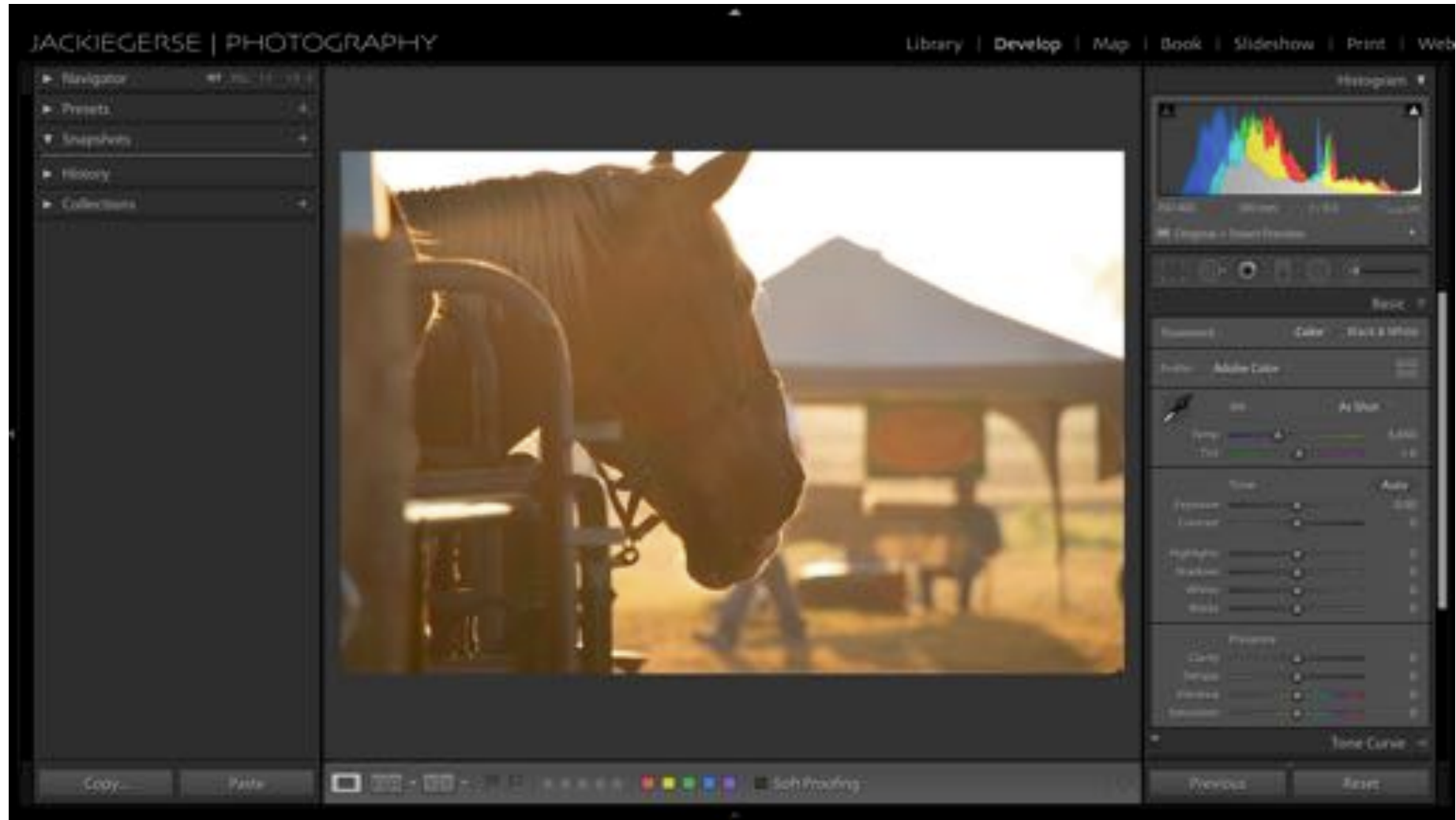
Develop Module—Transform



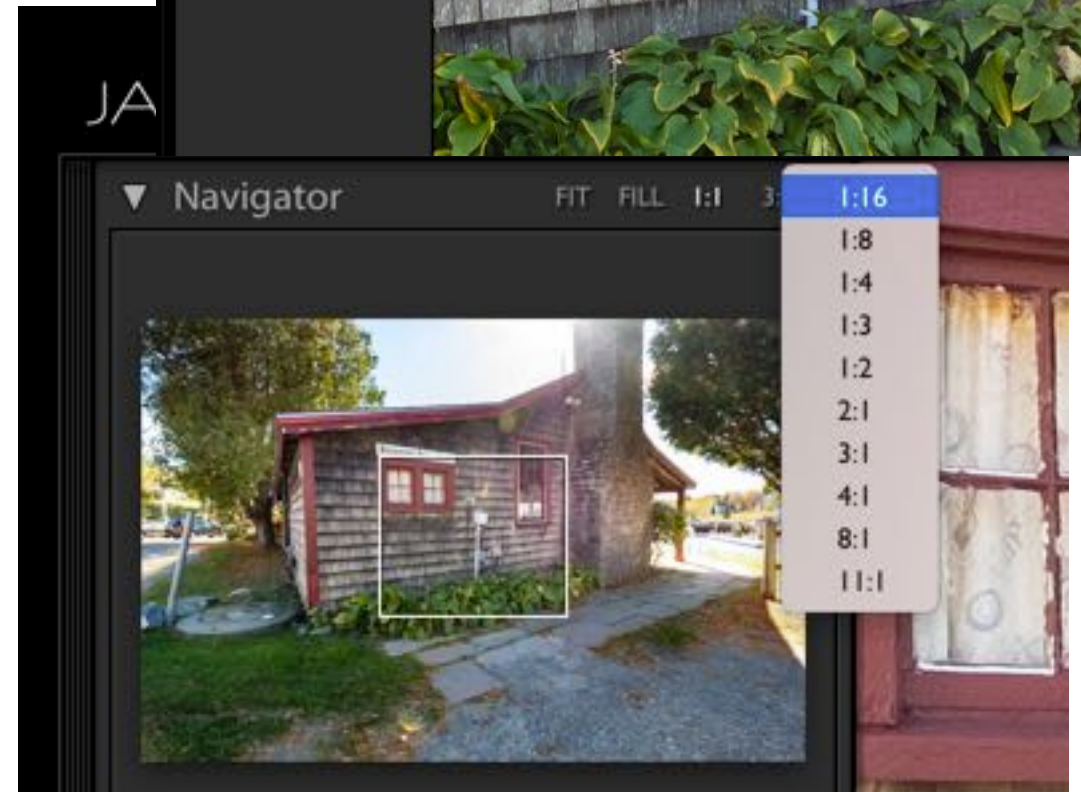
Guided—

- ...Click on the word Guided or the icon in the Transform panel
- ...Find a line that should be perfectly horizontal or vertical
- ...Move cursor to one end of the item that should be horizontal or vertical> click and drag cursor to the other end release
- ...Find another that should be perfectly parallel with the first line.
- ...Drag and drop a second line
- ...It should straighten both line to be parallel to each other
- ...You must drop 2 lines but can be up to 4
- ...Can be 2 Horizontal and 2 vertical

Develop Module—Left Panel



Develop Module—Left Panel



Develop Module--Zooming

JACKIEGERSE | PHOTOGRAPHY

Library | Develop | Map | Book | Slideshow | Print | Web

Navigator

Zoom controls: +, -, [,], Ctrl+Z, Ctrl+Y, Ctrl+0

Basic

Tone Curve

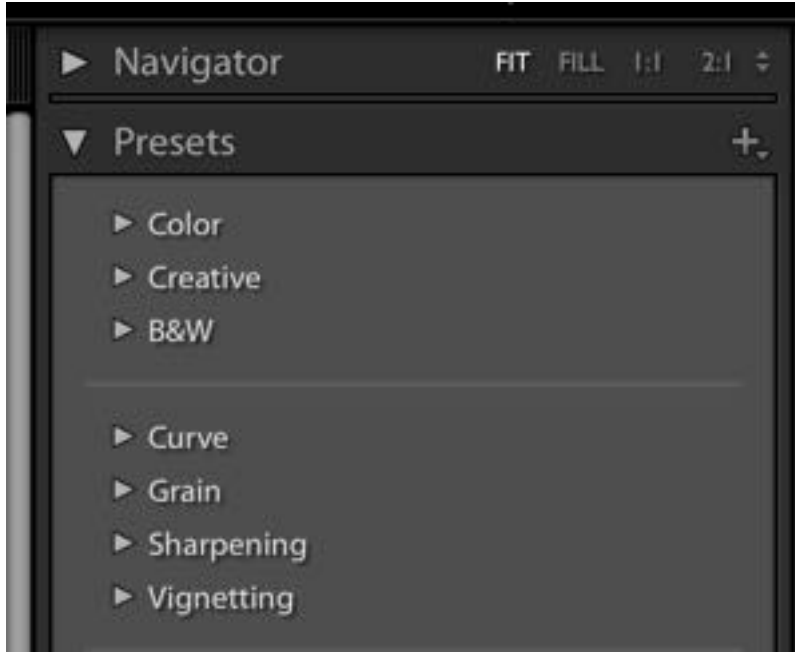
1:16
1:8
1:4
1:3
1:2
2:1
3:1
4:1
8:1
11:1

You can click inside the zoom box in the navigator to move the location shown in the center panel

To Zoom...

- Move cursor over main image
- You will see the cursor looks like a magnifying glass with + in the middle
- Click on part of image you want to view larger
- Image will zoom
- Click again to zoom out
- If zoom need to be smaller or larger...select one of the options

Develop--Presets



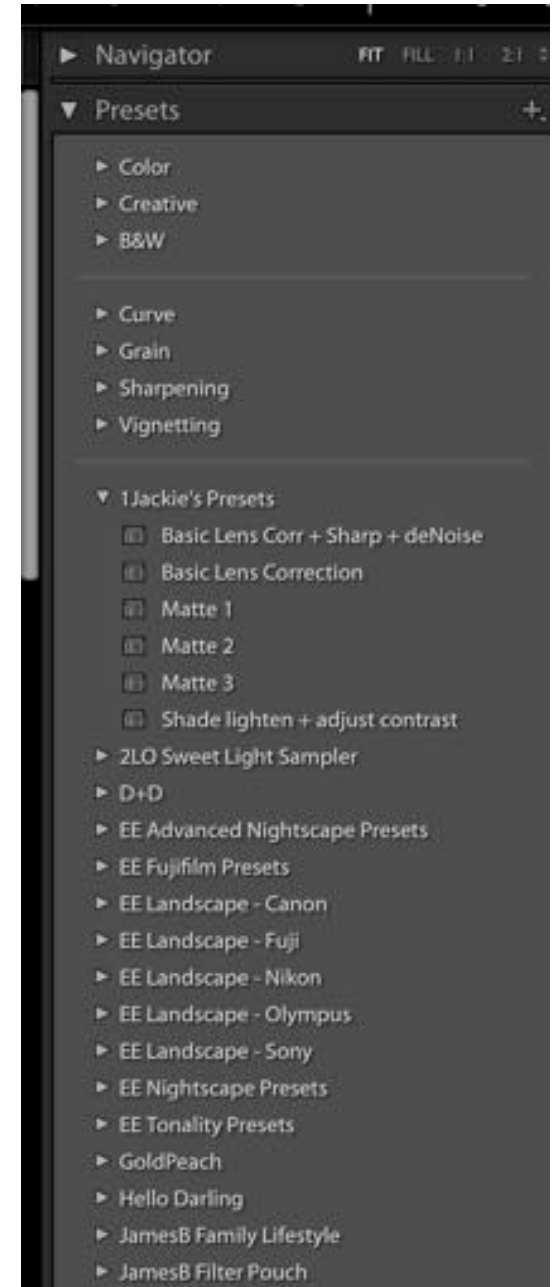
Lightroom Classic comes loaded with presets

They are a way to automate the editing process

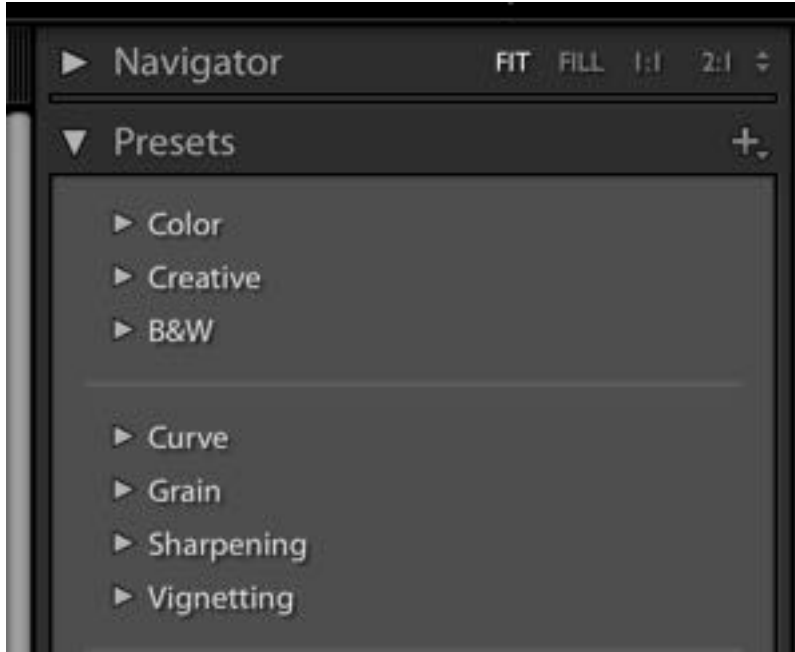
Once applied you can adjust the sliders to create your vision

Presets can be...

- Made by you
- Free giveaways
- Purchased



Develop--Presets

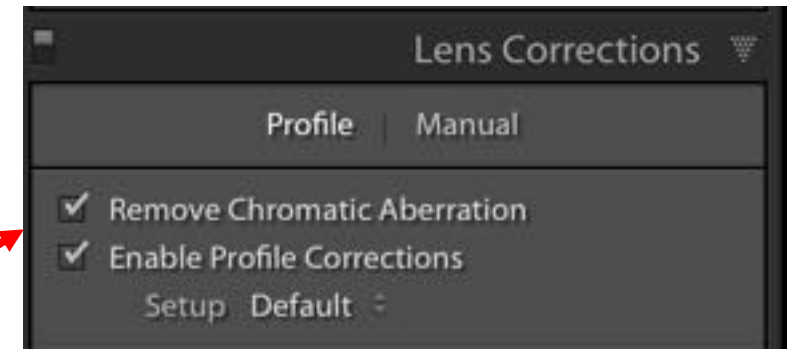


To Create your Own Preset...

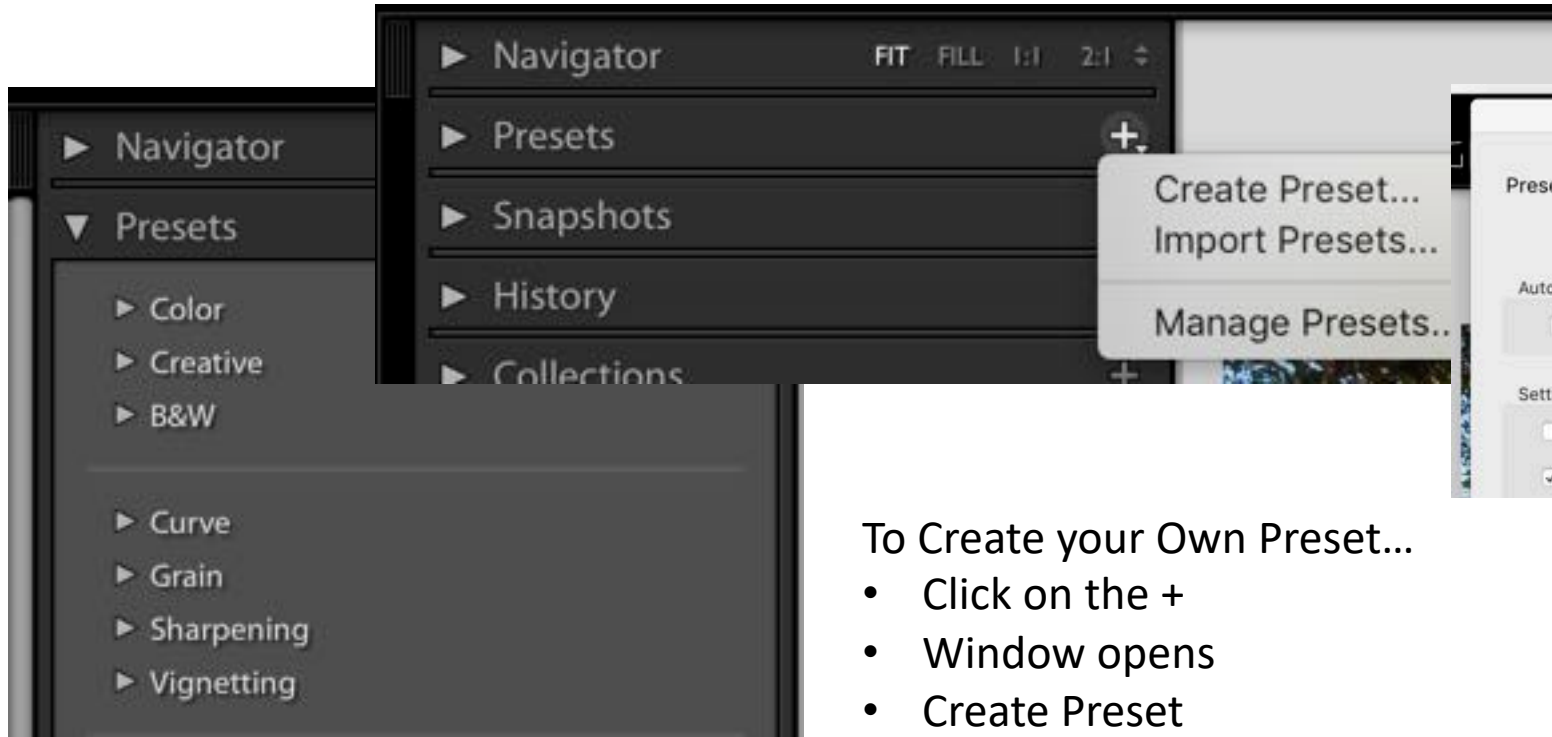
- Edit an image to your requirements
- Click on the + next to the Presets header

For this example:

- I wanted to save just the Basic Lens Correction
- I made sure these were checked in the panel during my edit

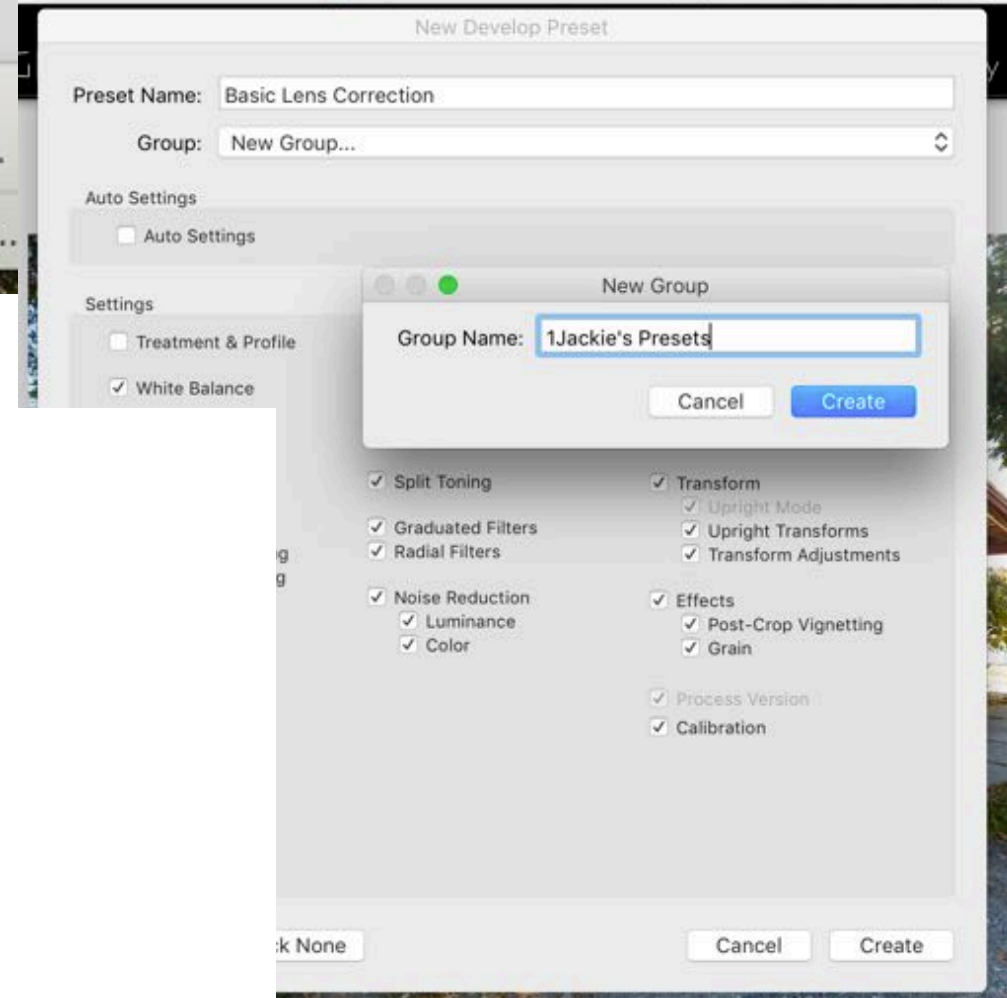


Develop--Presets

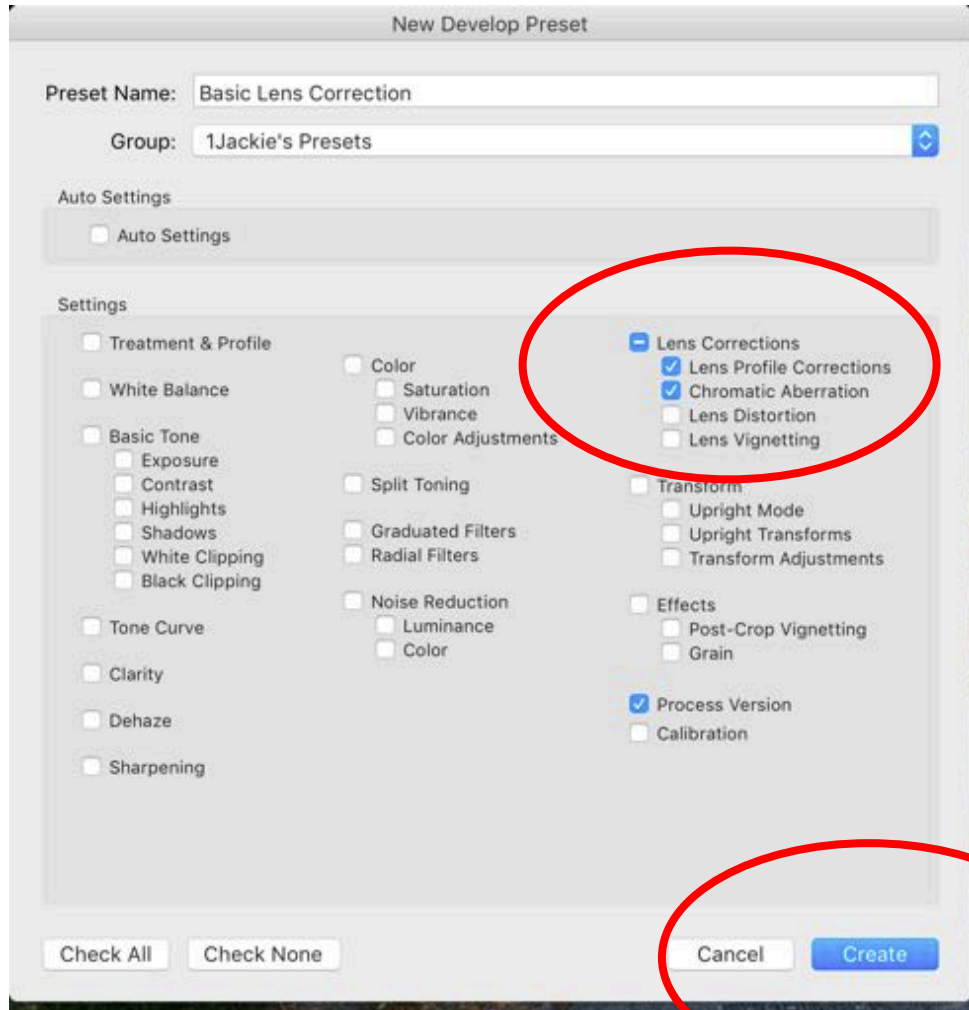


To Create your Own Preset...

- Click on the +
- Window opens
- Create Preset
- Fill in Preset name
- Click on “group” box
- Select New Group
- Fill in the Group Name
- Create

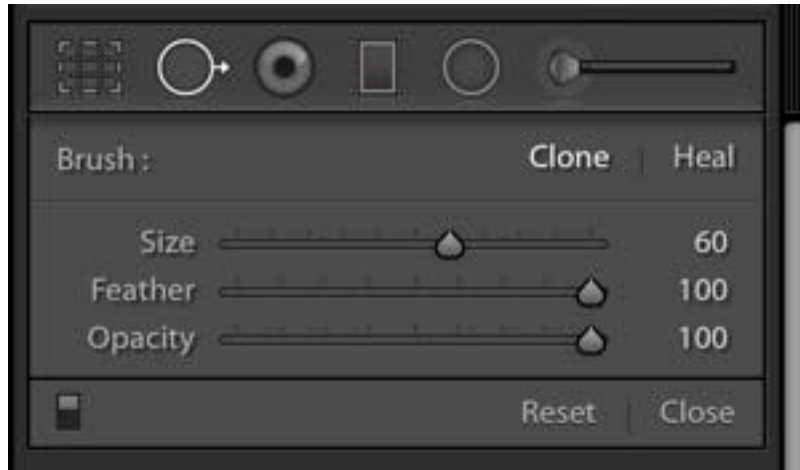


Develop--Presets

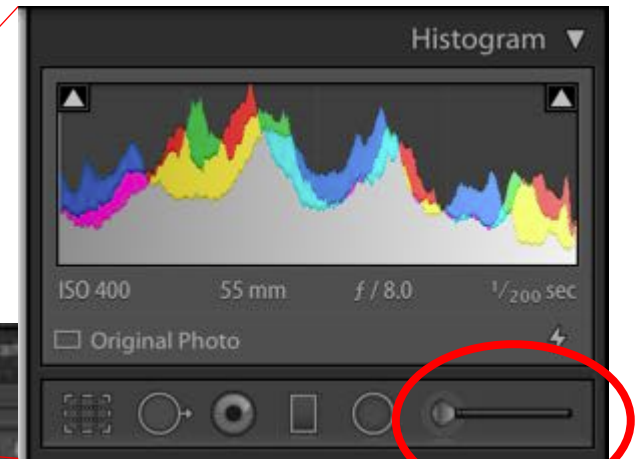


- Select only the items that you want in your preset
- Create

Develop Module—Spot Removal Tool



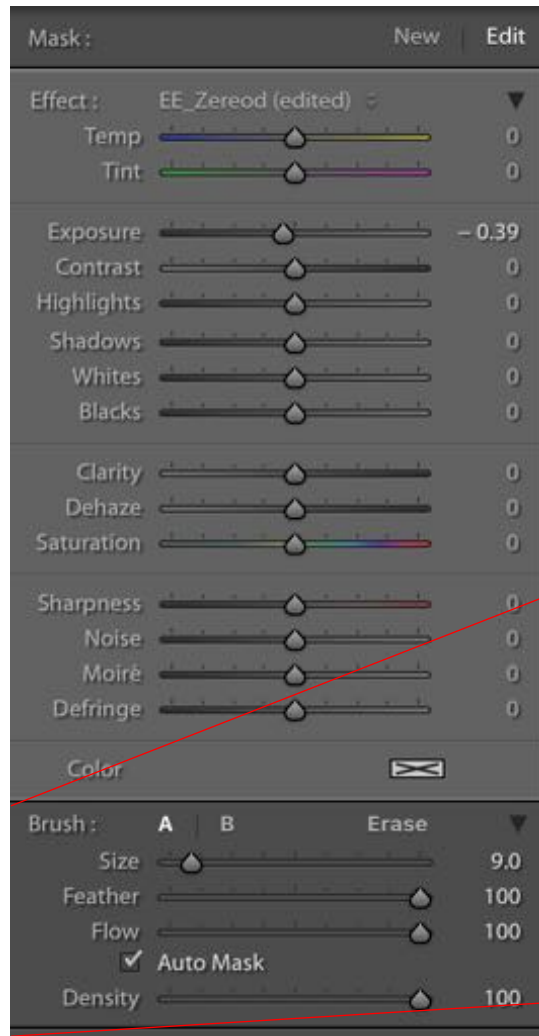
Develop—Adjustment Brush



To use the Adjustment Brush

- Click on the brush icon locate below the Histogram
- Panel will open

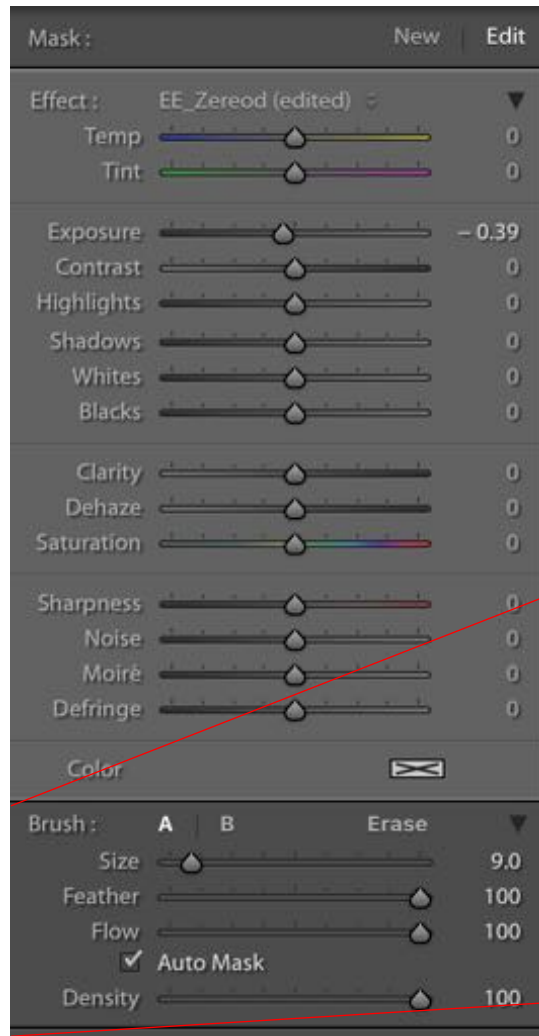
Develop—Adjustment Brush, Radial, Grad Filter



Adjustment Brush, Radial Filter, Grad Filter

- One or more sliders can be used on each adj. brush
- If sliders are adjusted before using the brush...those settings will be remembered and applied to the next new brush until the settings are reset by holding Alt (Opt) + Doubling clicking the word Effect at the top left of the panel
- If the sliders are all at zero and set after clicking the brush to the image those settings will NOT be applied to the next new brushes
- Auto Mask can be checked on or off

Develop—Adjustment Brush

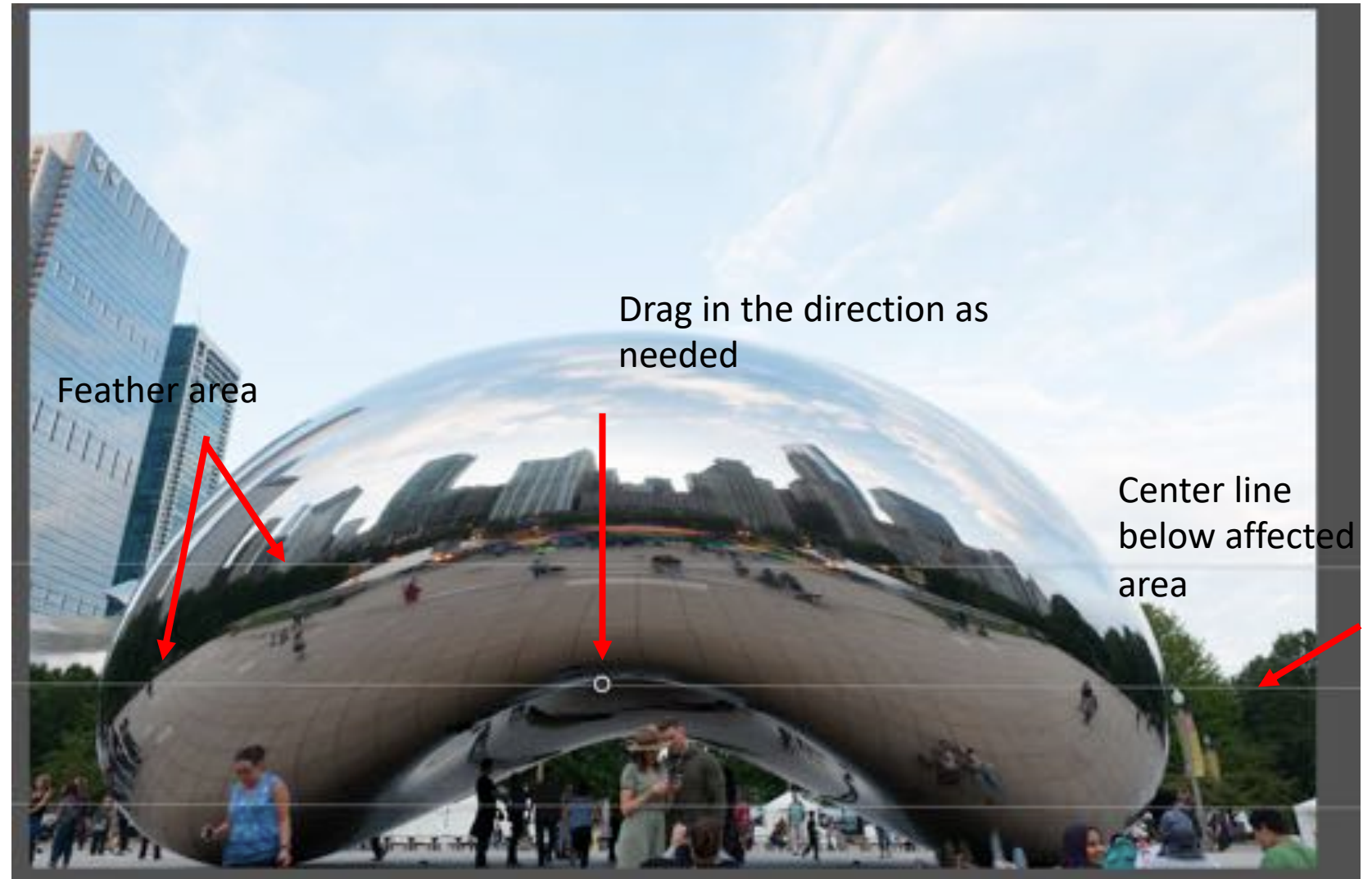
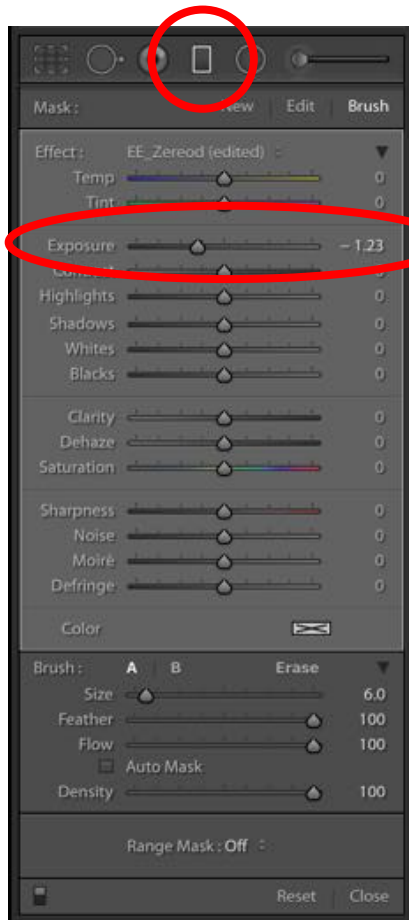


- Select the Size, Feather, Flow, and Density
- Turn Auto mask on or off
- Click onto the image where you want to paint in the effect
- Then adjust the sliders
- Continue painting
- Did you paint where you didn't want to paint?
 - Click erase, select brush size, Feather, and flow
 - Paint away unwanted areas

Develop—Gradient Filter



Develop—Grad Filter



Develop—Grad Filter



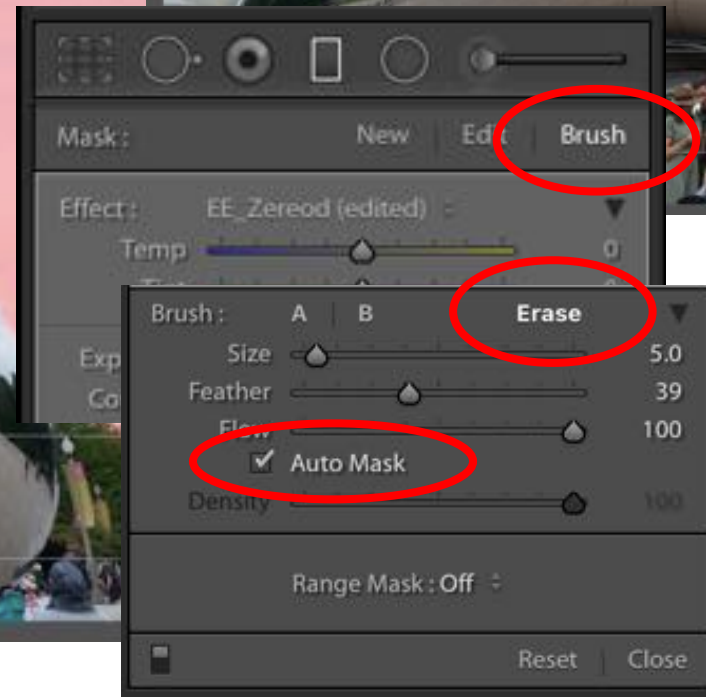
Show Edit Pins : Auto



Show Selected Mask Overlay

Check “Show Selected Mask Overlay” to see affected area

Develop—Grad Filter



Click on word BRUSH
not the icon above

To remove effect from
areas.

- Click on Brush>Erase
- Choose to use Auto Mask or not
- Brush away effect where unwanted

Develop—Grad Filter



Remove too much?

- Effect can be painted back in
- Hold ALT to get the add brush
- While holding ALT...Select brush size, feather, or Auto mask
- Paint back in area



Develop—Radial Filter



- Select Radial Filter Icon
- Drag out shape
- Adjust sliders as desired
- Adjust Feather as desired

To see affected area

- Hover over center pin
- Or check “Show selected mask overlay”

Develop—Radial Filter

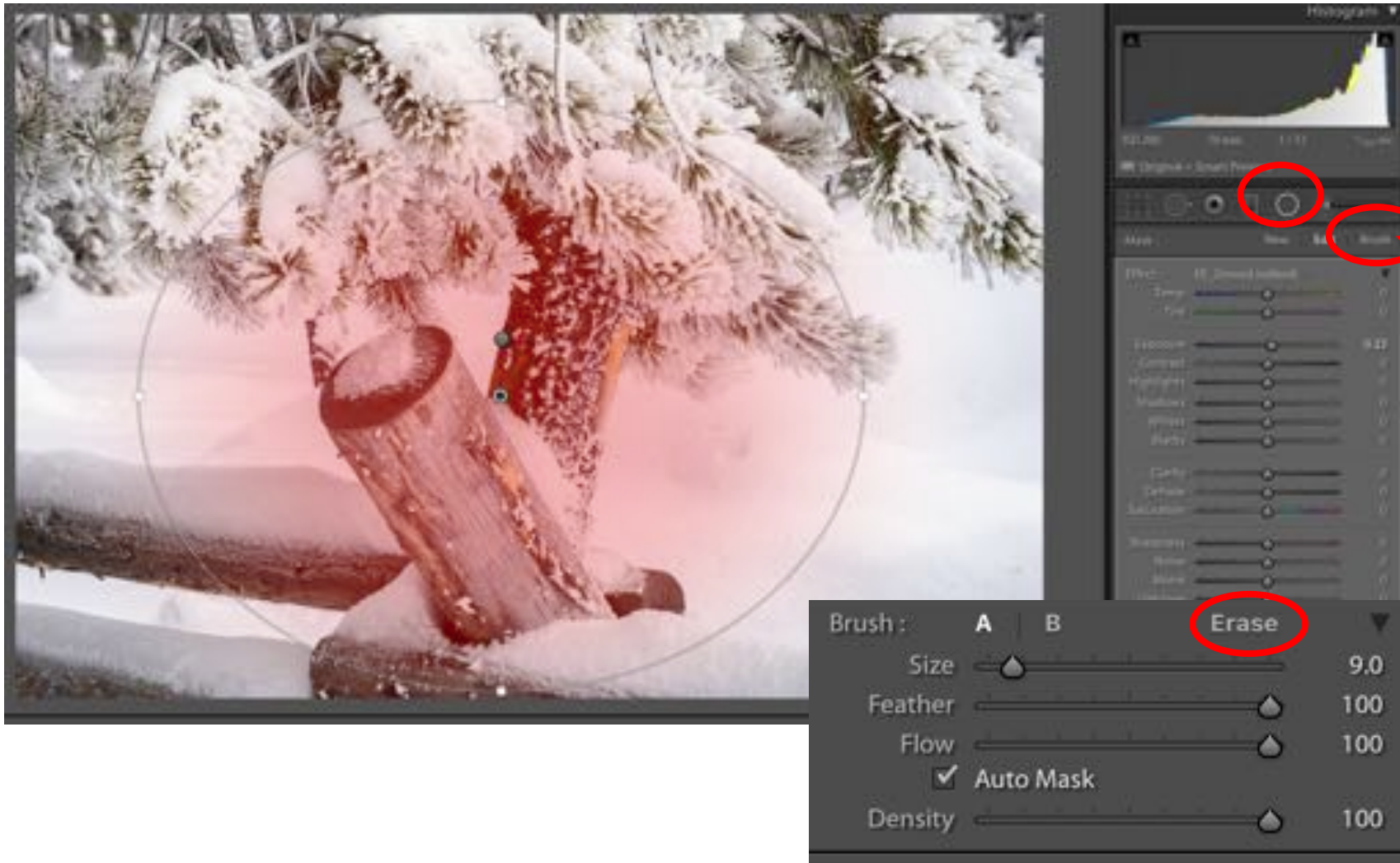


To add another radial filter, click “new”

To make adjustments inside the radial filter

- Click on radial filter icon
- Check invert box
- Move desired sliders
- Click “Done” when finished with radial filter adjustments

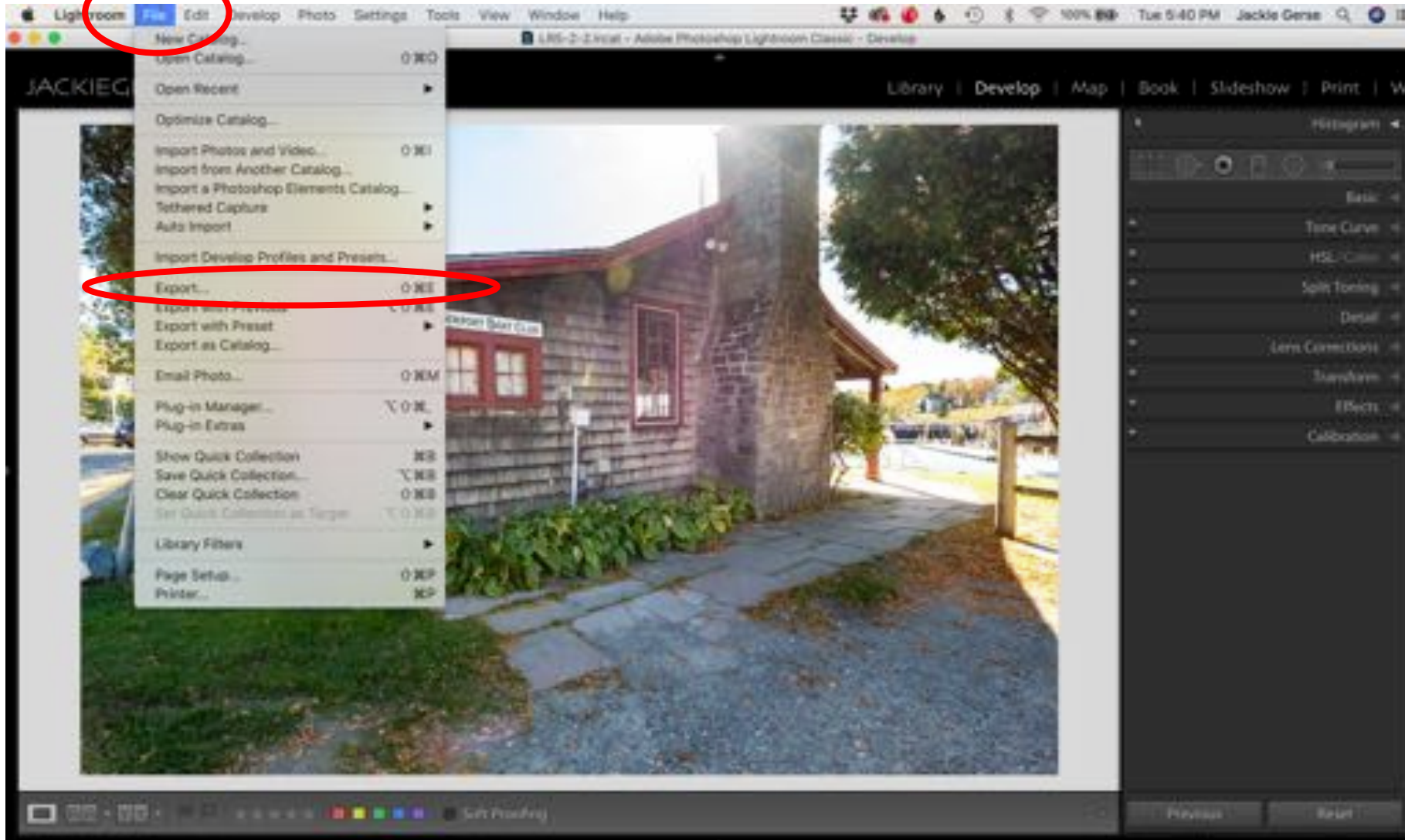
Develop—Radial Filter



To add or erase from areas of the all local adjustment filters

- Click the word “Brush”
- You can now brush in additional areas
- To erase areas...after clicking brush, then click on Erase
- And set Size, feather, flow, auto mask as wanted

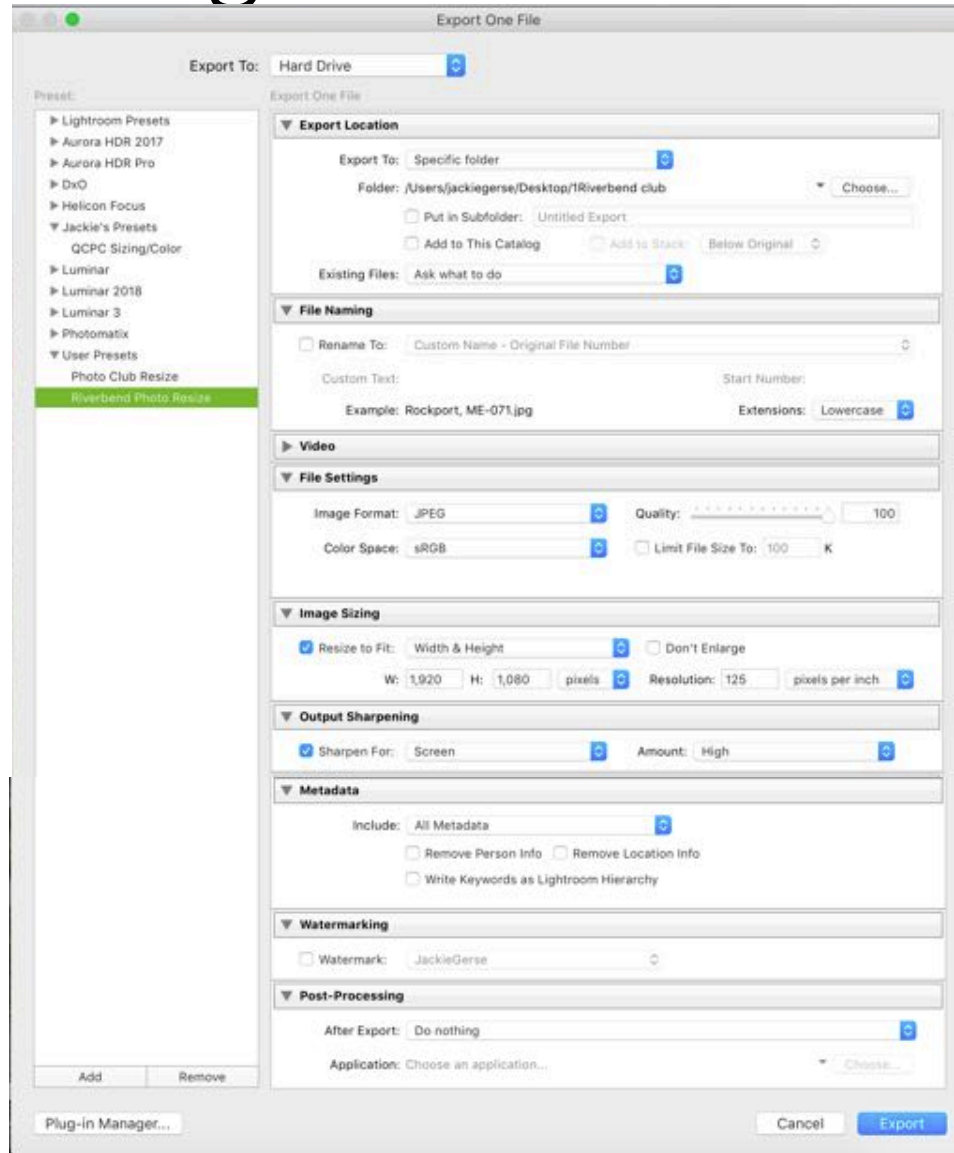
Exporting



To Export an image

- Main Menu
Bar>Edit>Export

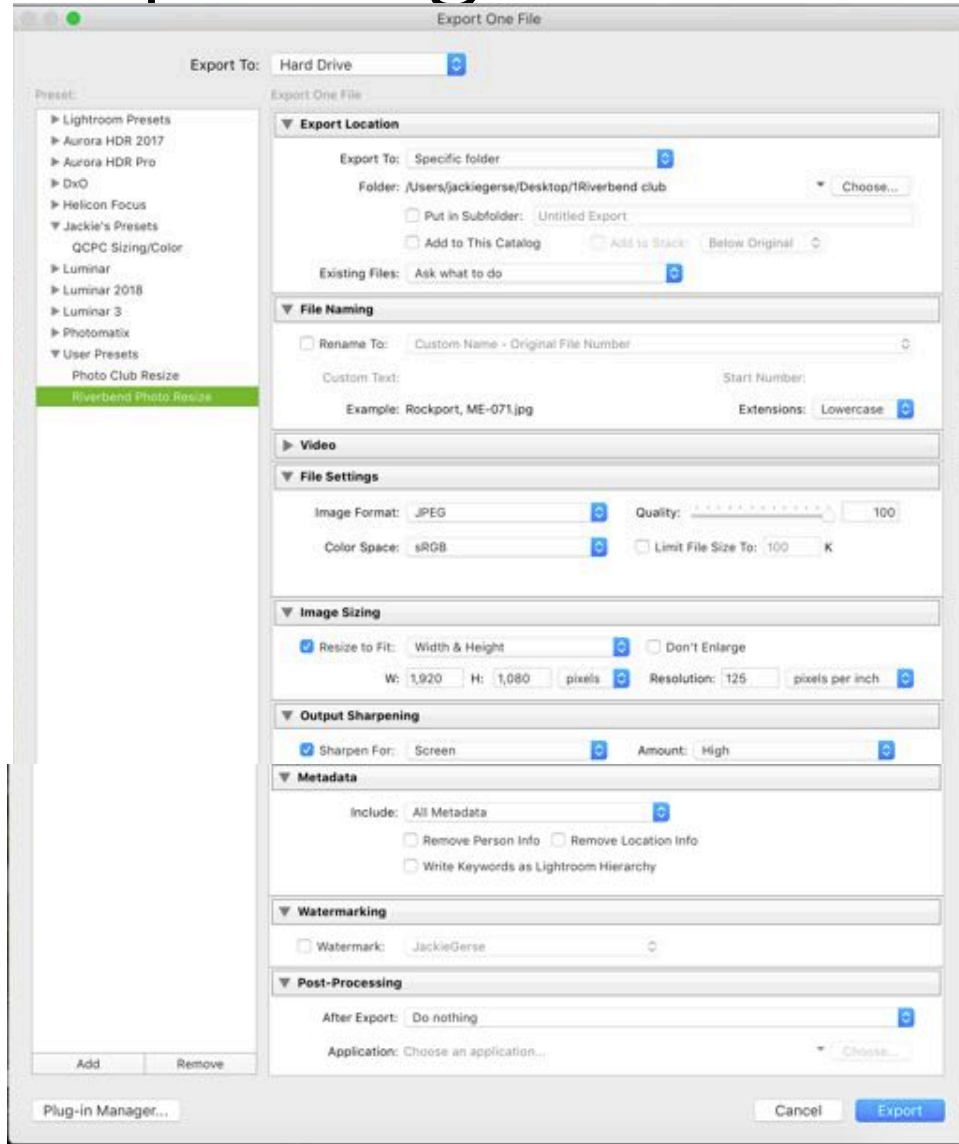
Exporting



Fill in the following areas...Use this information to create an export for Riverbend Sized Images

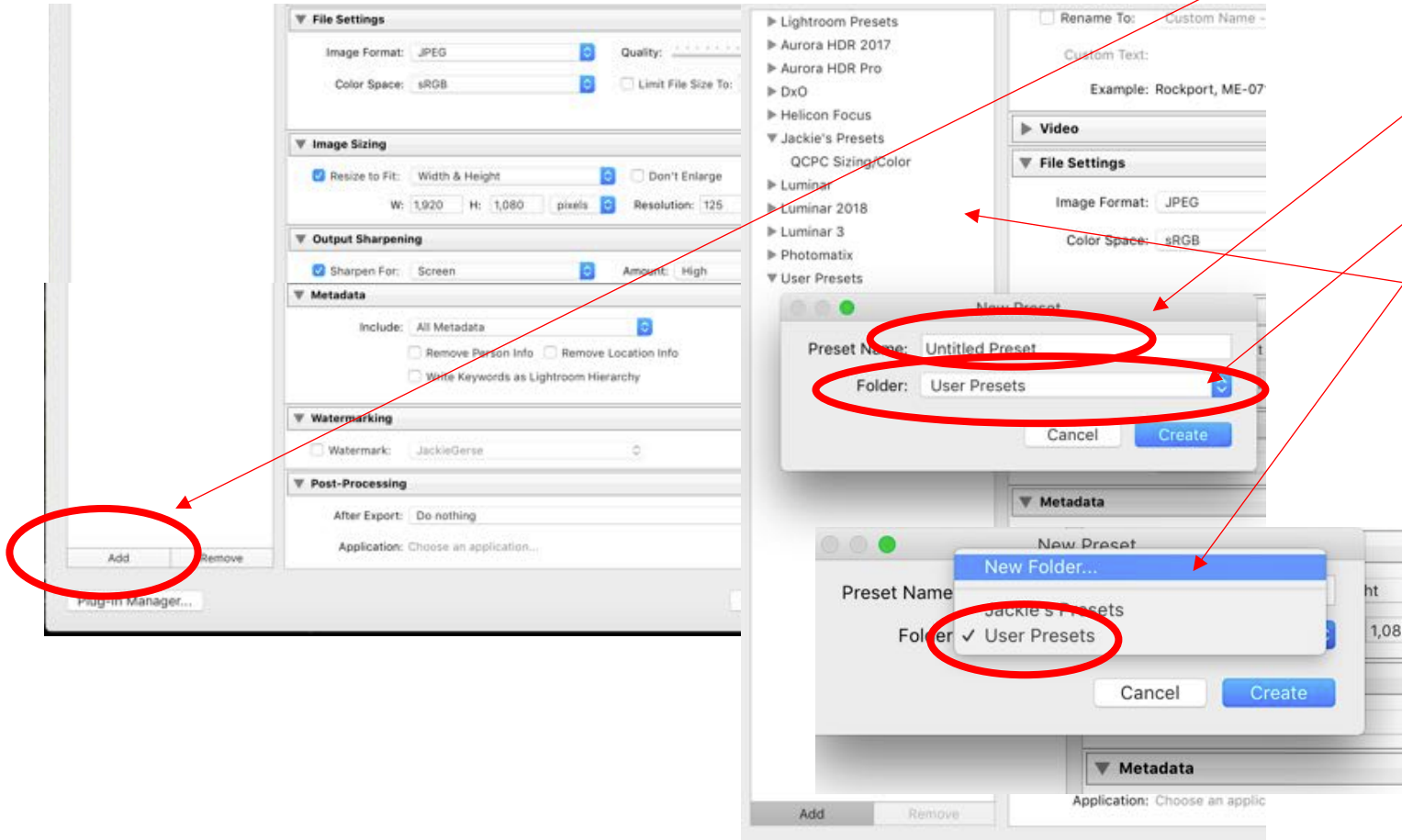
- Export Location
 - Export to: Specific Folder
 - Folder: Choose where it should be stored
 - I made a folder on my desktop labeled Riverbend Club Images
- File Naming
 - If you are exporting 1 image at a time then you can rename here.
 - Check box
 - Choose naming format
 - Type in custom text, etc
 - If you are exporting several then you may prefer to rename them after they are exported to their folder
 - I rename later
- File Settings
 - Image format: Jpeg
 - Quality: 100
 - Color Space: sRGB

Exporting



- Image Sizing
 - Check resize to Fit
 - Select “Width & Height”
 - Fill in W: 1920 H: 1080
 - Resolution: 125
 - Pixels per inch
- Output Sharpening
 - Check “Sharpen for: Screen”
 - Amount: High
- Metadata
 - Include: all Metadata
- Watermarking
 - Not checked
- Post-Processing
 - After Export: Do Nothing
- Create Preset if you want
- After creating preset then Export
- If not creating preset then click Export

Export—How to create Preset



To Create a Preset

- Click Add in the lower left corner of the Export window
- A “New Preset” window will open
- Fill in “Preset Name:”
- Select the “Folder” or create a new folder
- Click “Create”
- The Preset will be listed in the left window of the export window
- To use the preset
 - Select image(s) to be exported
 - File>Export
 - Click on the preset at the left side of the export window
 - Click export
 - All images will export to the destination and size listed in the preset

Resources and References

- <https://lightroomkillertips.com/>



When Photos Go Missing

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Class 3

Resources and References

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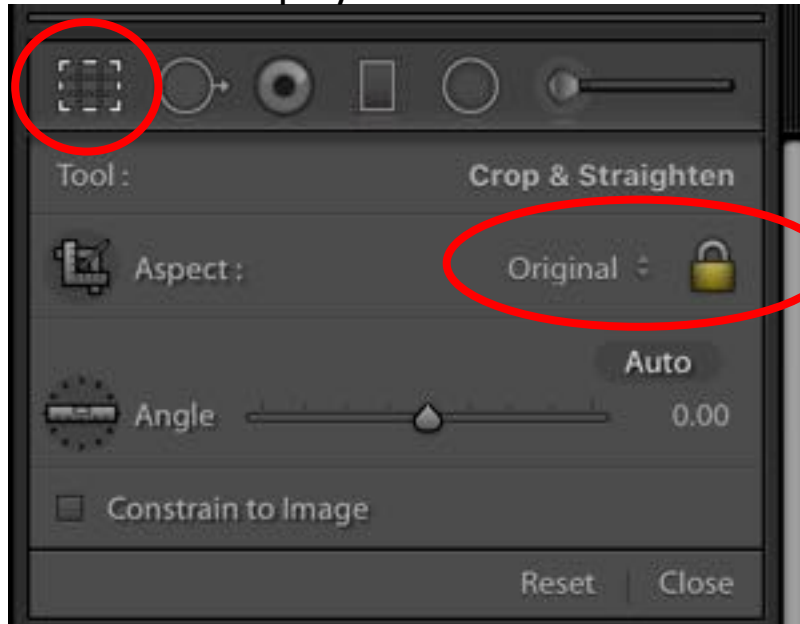
Backing up to a secondary drive on Import? Absolutely. Highly...

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Develop Module--Crop

This is the crop symbol



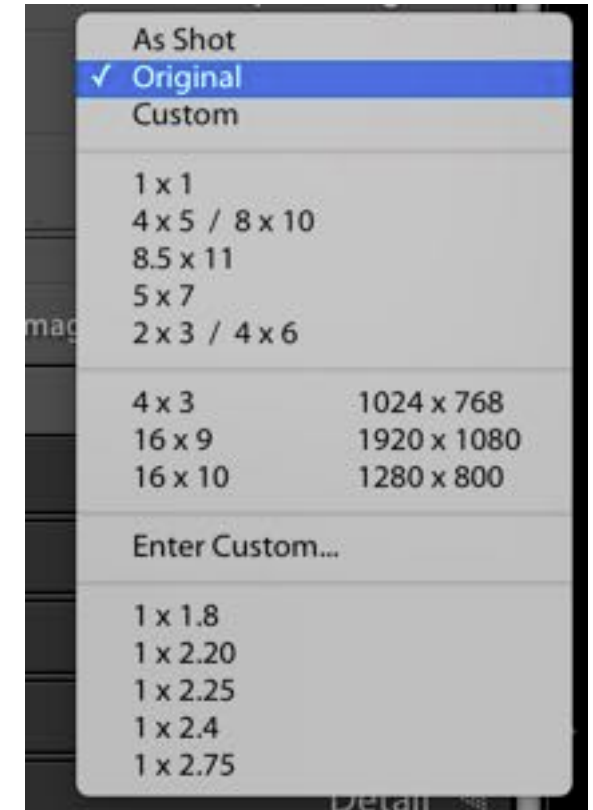
The Padlock

- Closed—aspect ratio won't change
- Open—aspect ratio can be changed freely

To unlock padlock—click on the lock

Angle-rotates in order to straighten such as horizons or building edges

- Auto will often do a great job
- Click on the level icon, then move cursor to image, click and drag the line along an edge that you want to be horizontal or vertical, and release.
- Or use the slider



Click on the arrows next to "Original" and get a drop down menu of preset sizes or the ability to create custom sizes

Develop Module--Crop



Develop Module--Crop

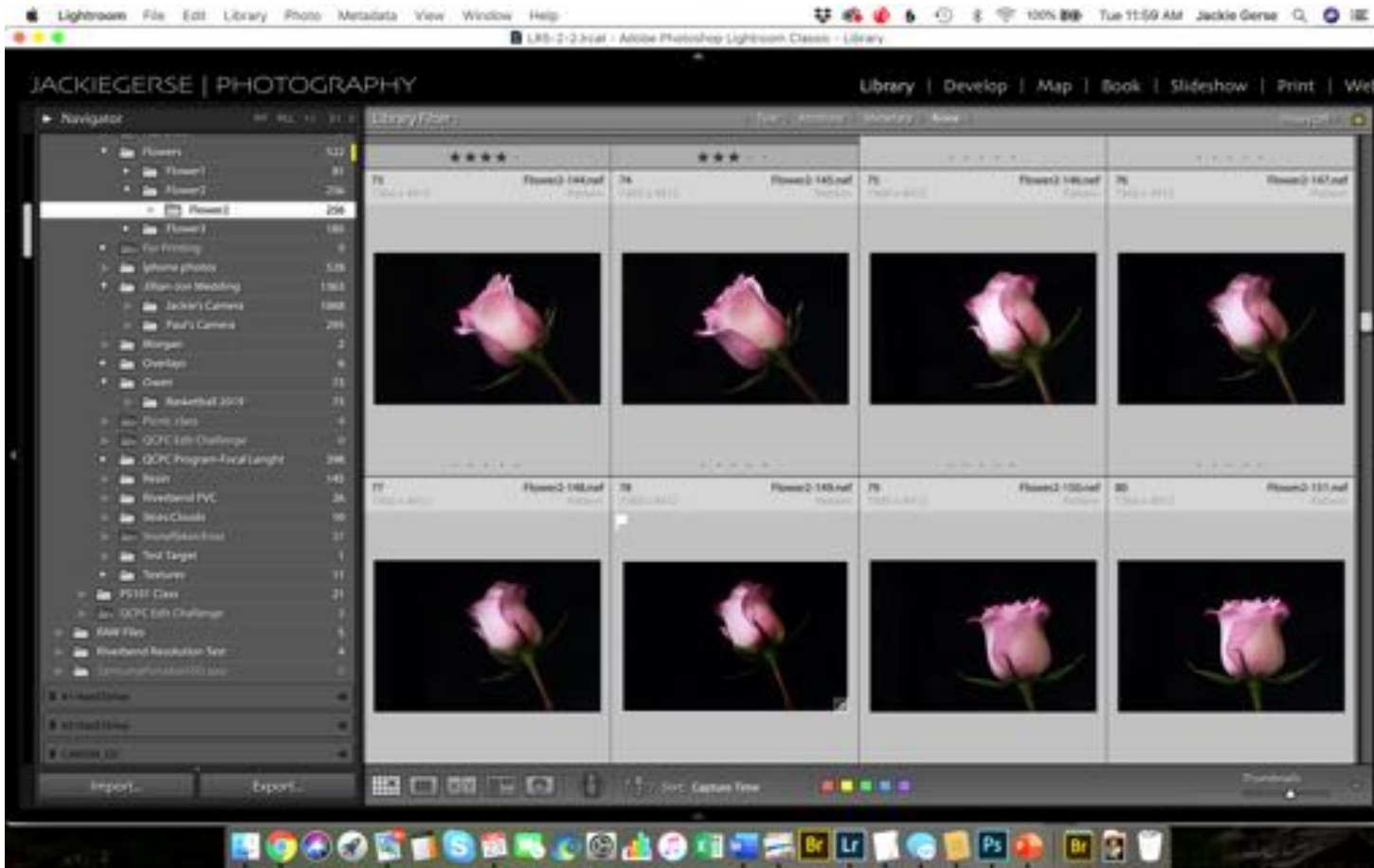


Develop Module--Crop



Customizing

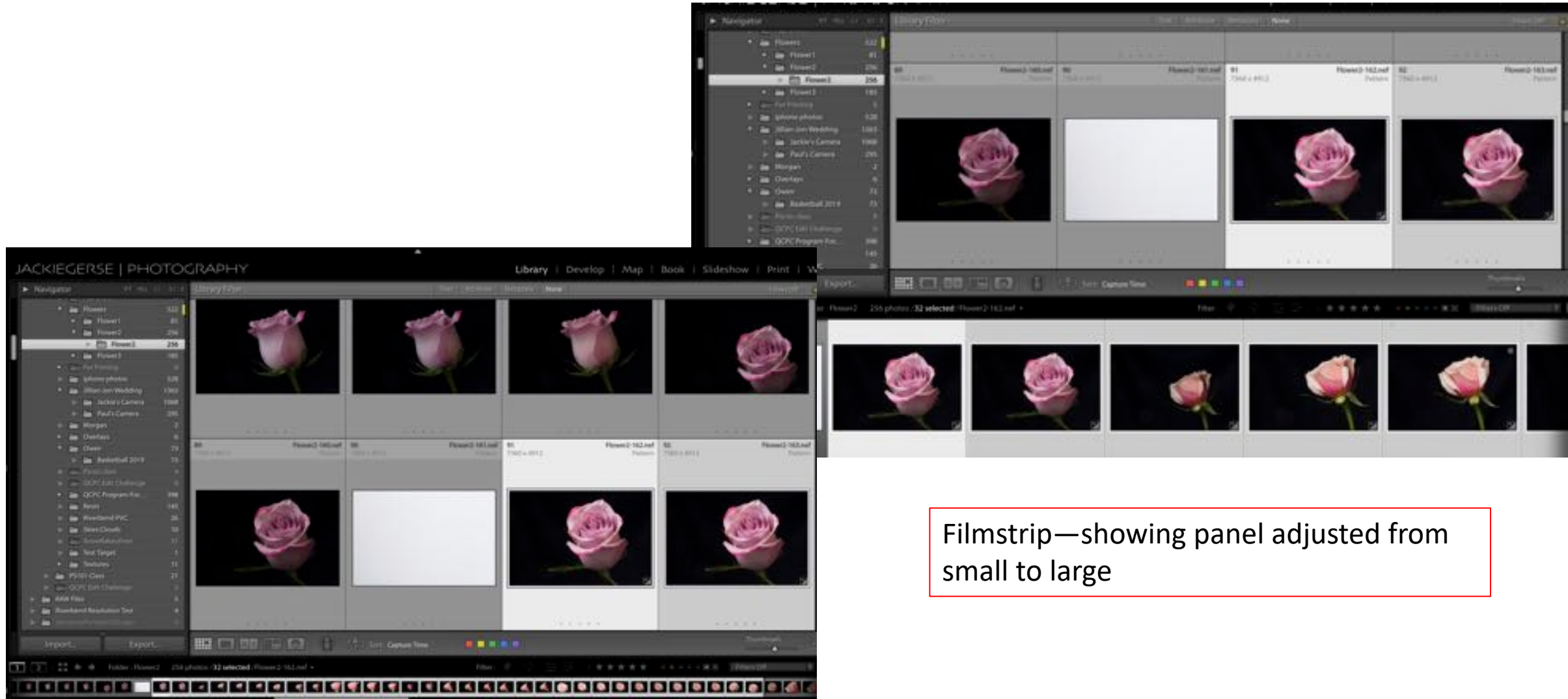
Interface--Customizing



Changing The Size of The Side and Bottom Panels

- Cursor is near the edge of the panel
- Double arrow will appear
- Click and pull to the desired size

Interface--Customizing



Interface--Customizing

To close one panel as another is opened...

...Right click on the area next to any of the panel descriptions (example...to the left of the words Split toning)

...window will open

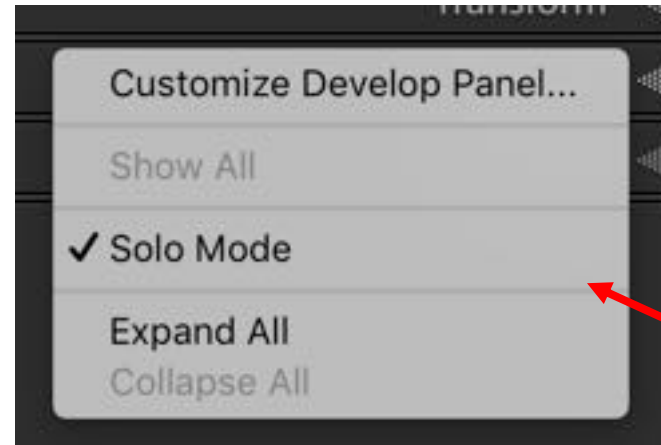
...Click Solo Mode

...Now one panel will close as the new one opens

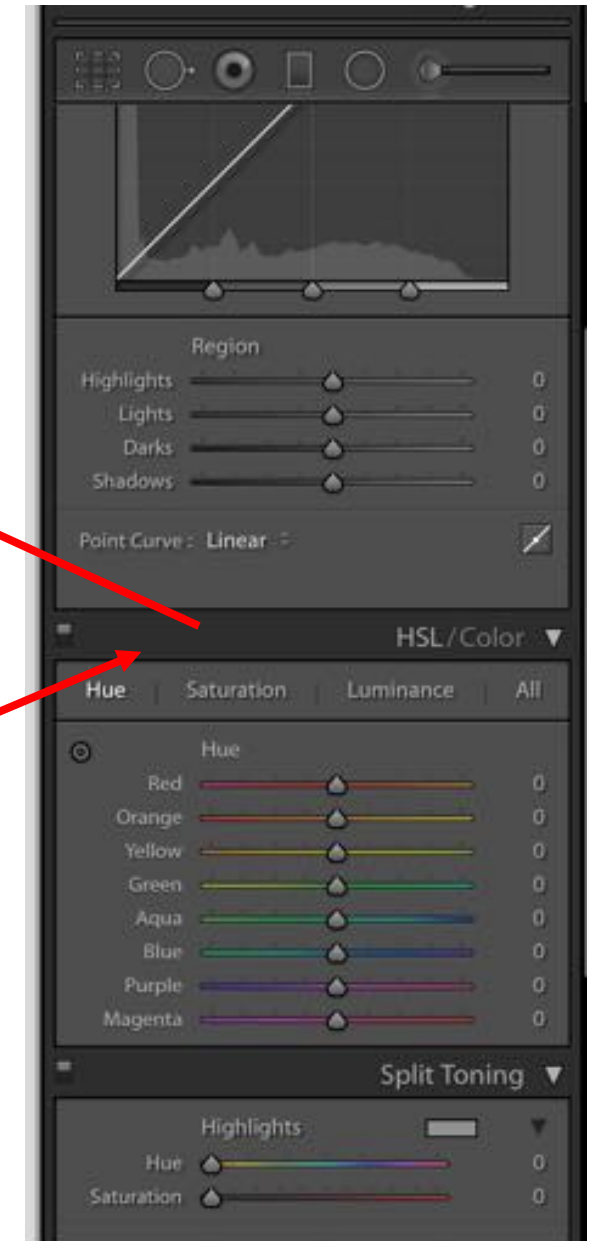
You can also **customize the panel layout** by selecting that option...

...you can turn off viewing any panel you don't use and don't want to see

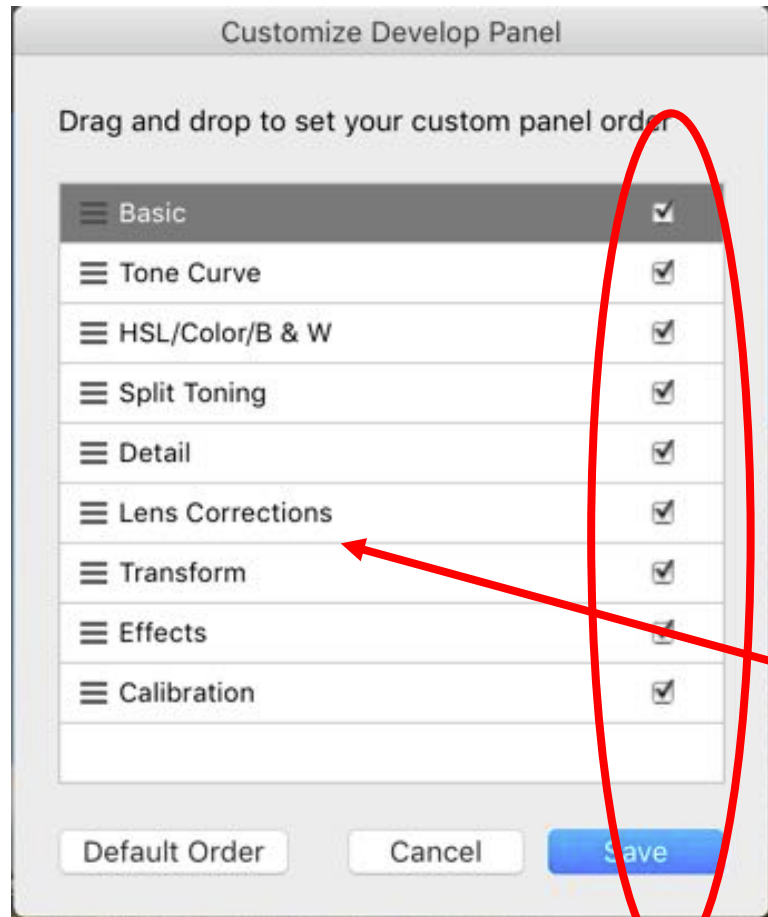
...you can also reorder the panels to suit your needs by dragging into a new location



Right Click here

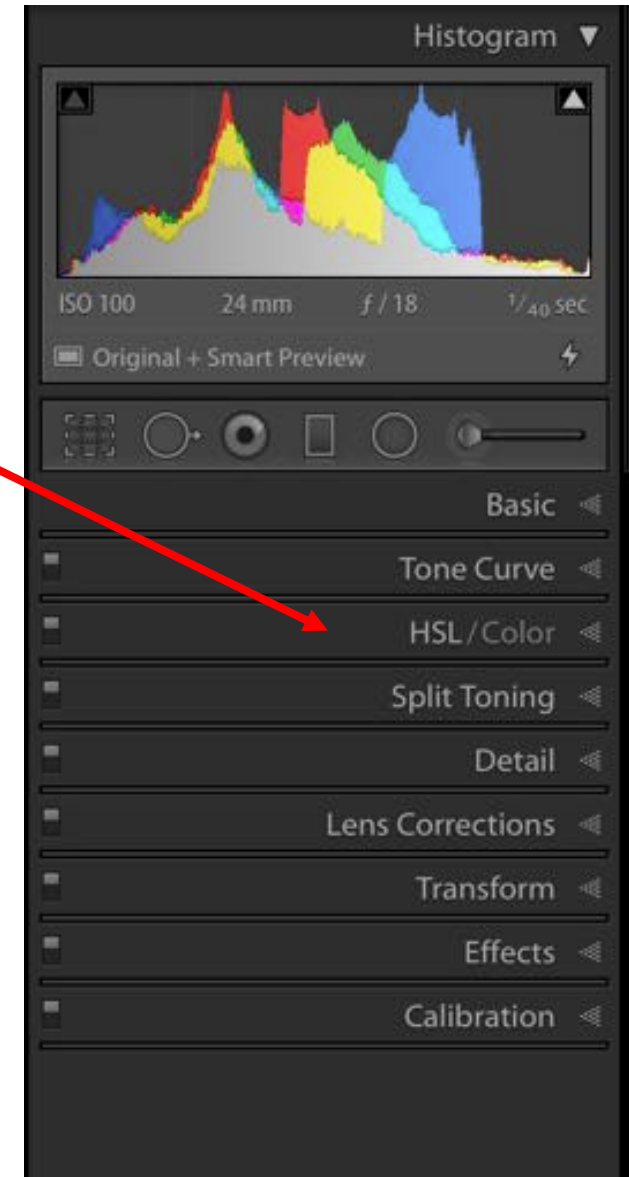


Interface_Customizing

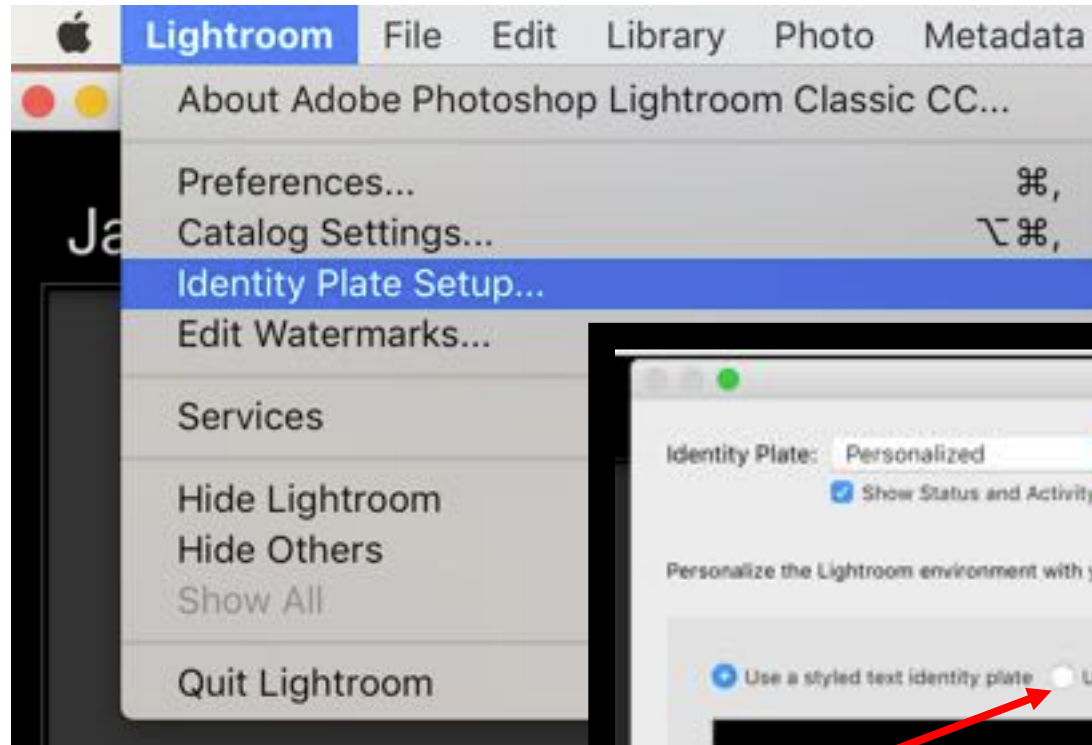


Right click in this area to bring up window

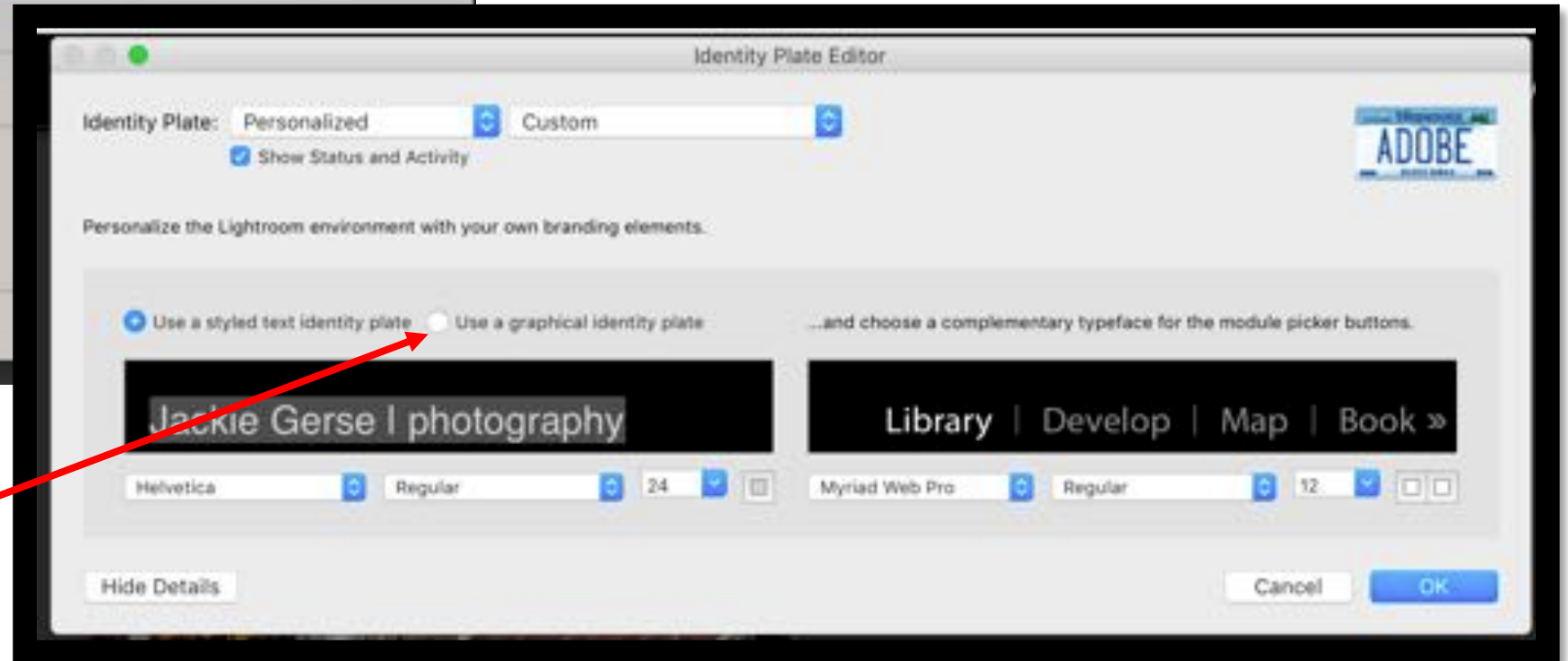
Click and drag to rearrange order of panels



The Interface—Customizing

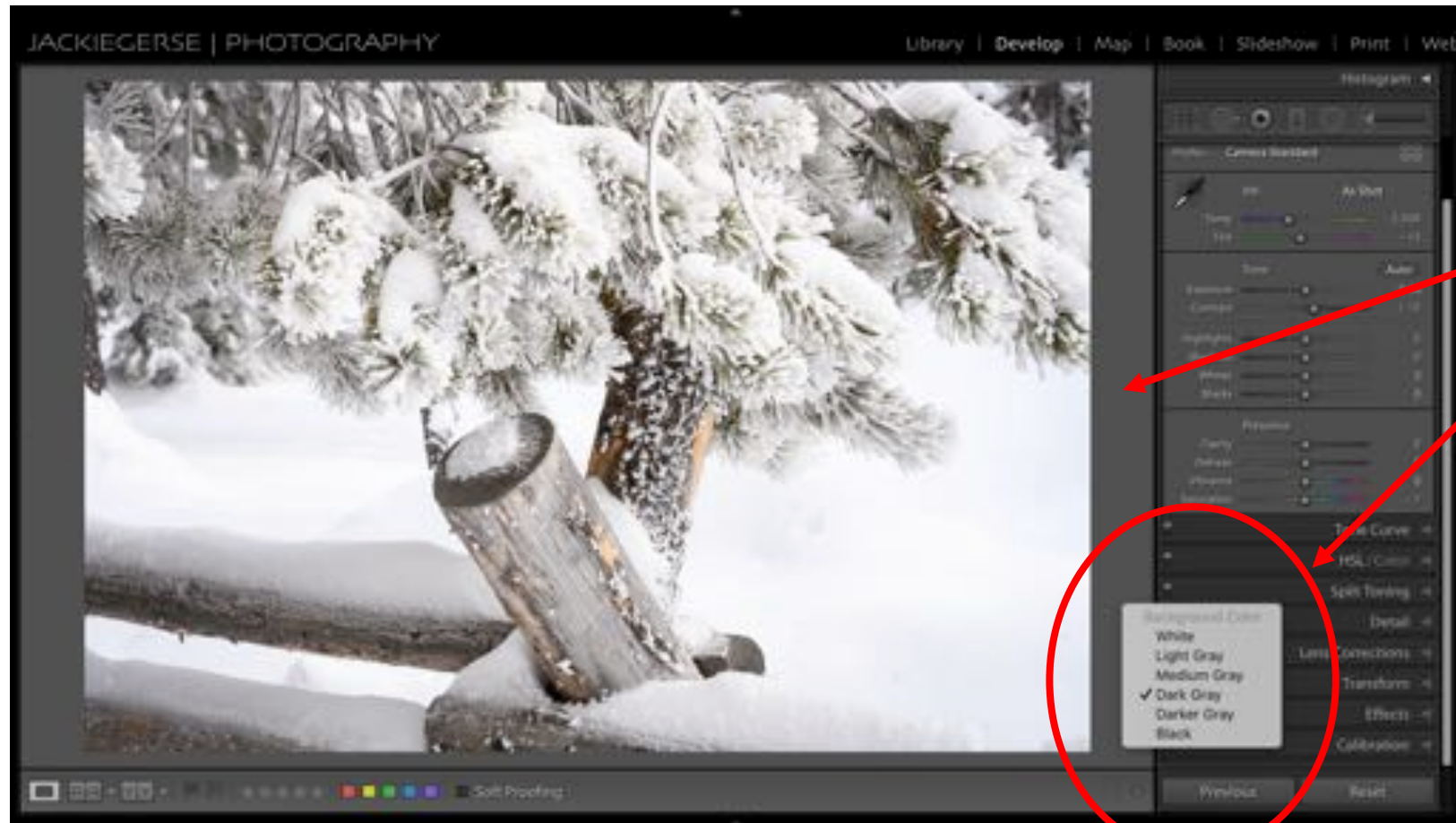


Identity Plate Set-up
Mac—find in Lightroom menu
PC—Find in Edit menu



Or Add Logo by clicking
on “Use a graphical
identity plate”

Interface--Customizing

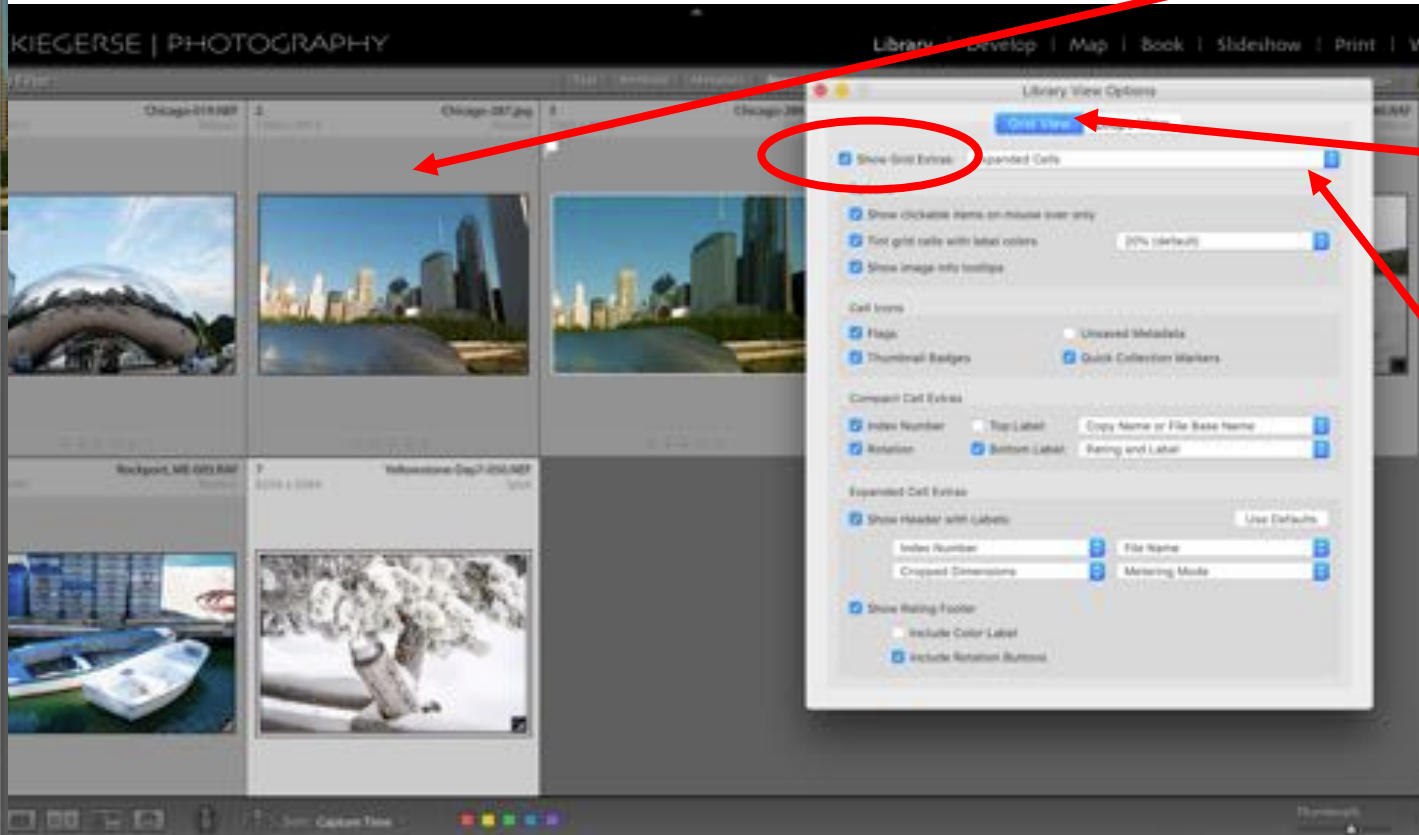
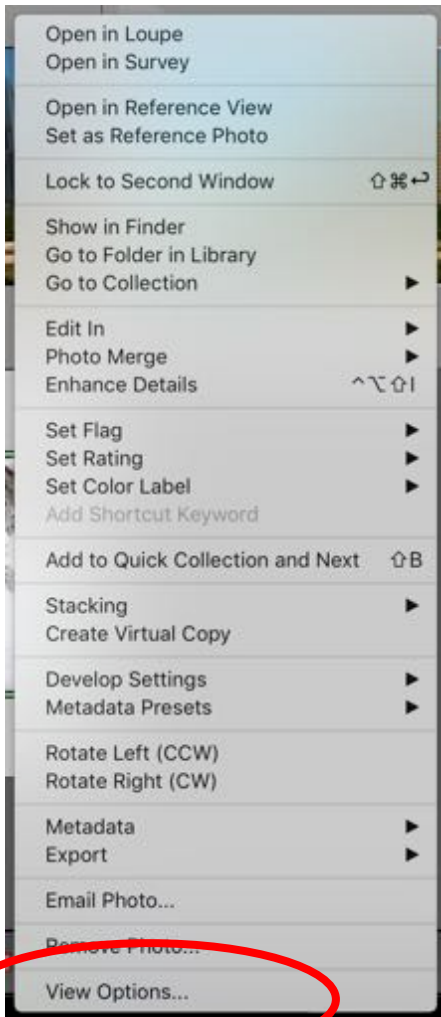


To change the color around the image

- Right click in the area around the image panel
- Select one of the 6 choices

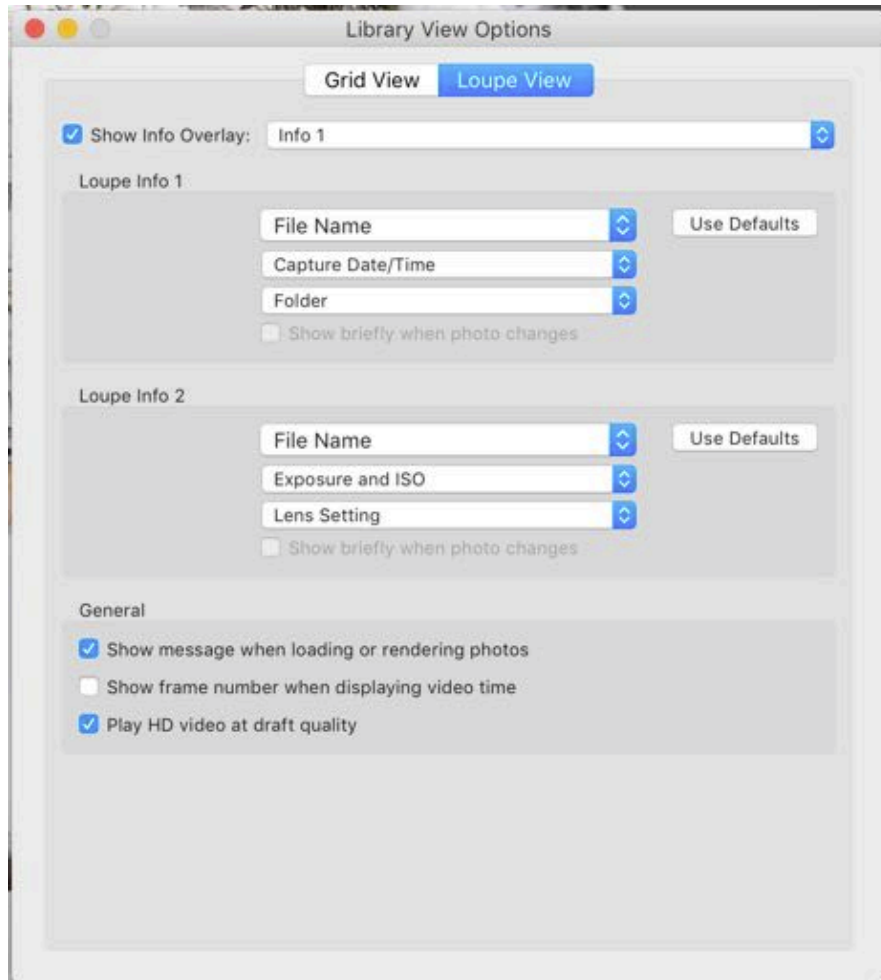
Interface--Customizing

Customizing Grid View



- Right click in gray area of grid frame
- Click on View Options
- New Window will open
- "Grid View" is highlighted
- Check "Show Grid Extras"
- Select Expanded Cells or Compact Cells
- Check the information you want to see

Interface--Customizing



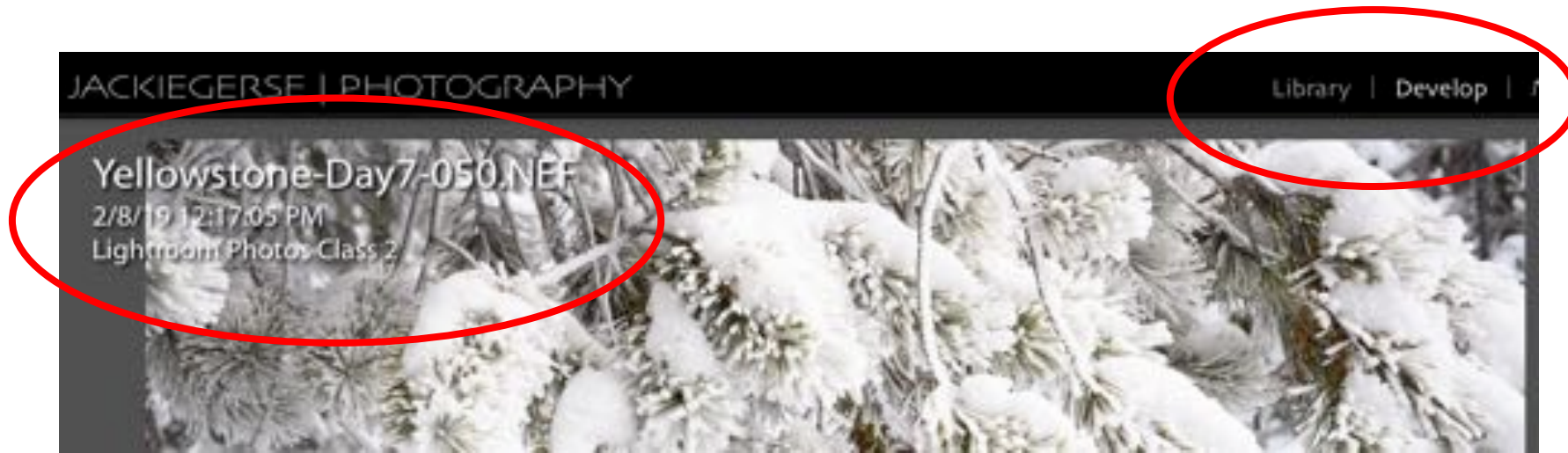
Customizing the Loupe View Options

- Highlight the Loupe view
- Check show info Overlay
- Choose the items you would like to view In Loupe info 1
- Choose the items you would like to view in Loupe info 2

To view Loupe Information

- While in Loupe view-Library or Develop Module
- Click the letter "I"
- Click I again to see Info 2
- Click again to hide information

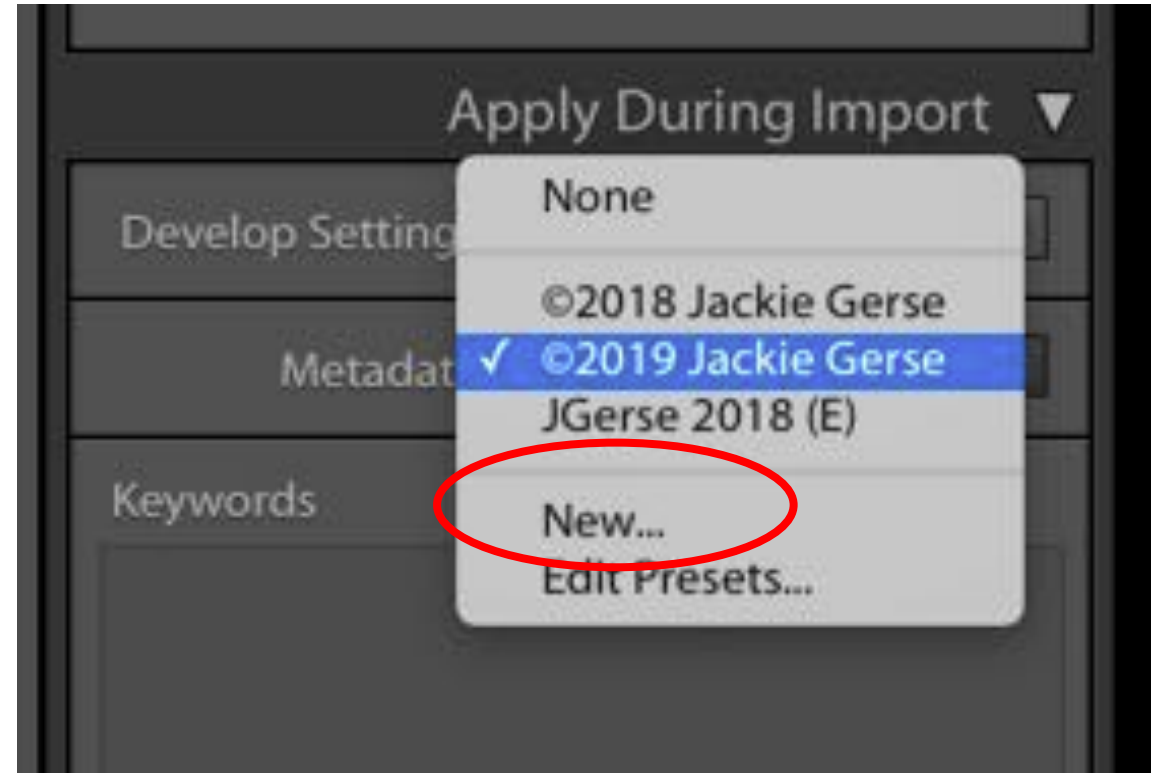
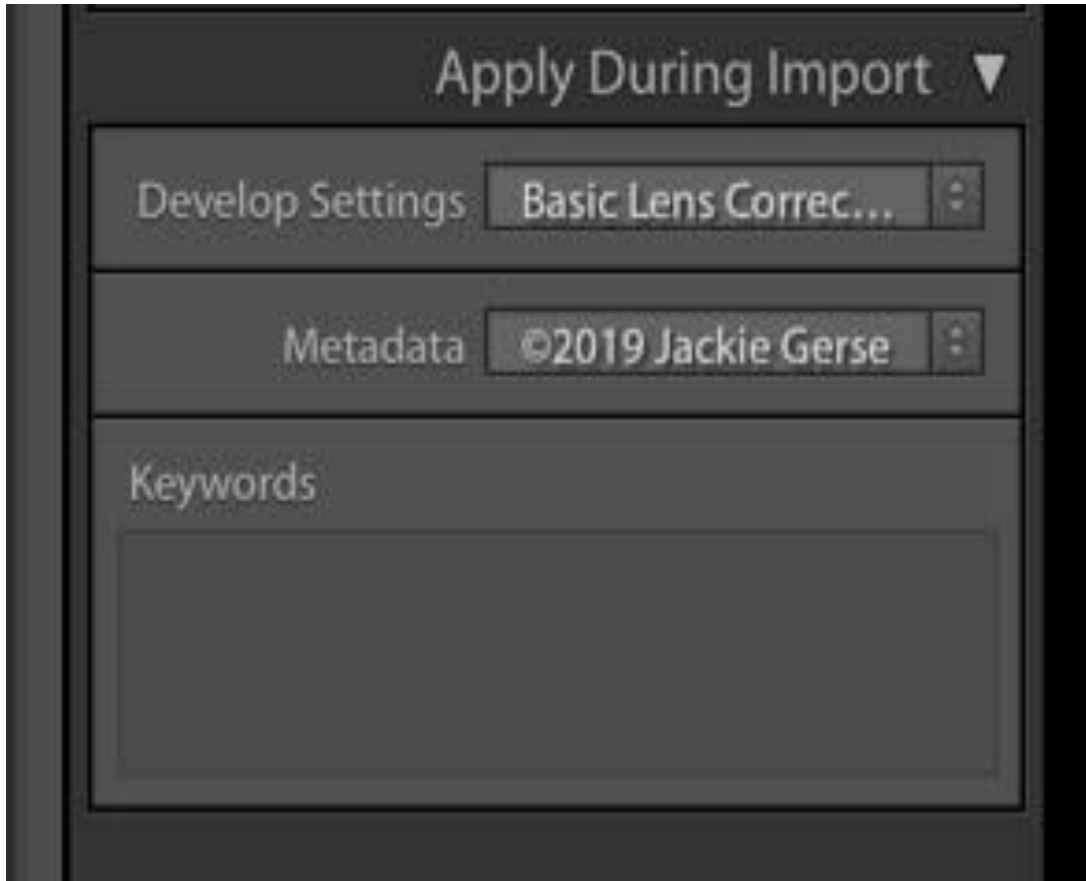
Interface--Customizing



To view Loupe Information

- While in Loupe view-Library or Develop Module
- Click the letter "I"
- Click I again to see Info 2
- Click again to hide information

Adding Copyright to Import



Copyright Preset

Making the © symbol —

Mac...Option + g

PC with side keyboard...alt + 0169

PC Laptop with side keyboard...alt + Fn + 1069

PC without side keyboard...type (C) without a space

The screenshot shows the 'New Metadata Preset' dialog box in Adobe Lightroom. The 'Preset Name' field is set to 'Untitled Preset'. The 'Preset' dropdown is set to 'Custom'. The dialog is organized into several sections, each with a collapse/expand arrow and a checkbox:

- Basic Info** (expanded): Includes 'Copy Name' (text field), 'Rating' (star rating), 'Label' (text field), and 'Caption' (text field). All four fields have checkboxes on the right, all of which are checked.
- Camera Info** (collapsed): Includes 'User Comment', 'GPS', 'Altitude', and 'Direction'.
- IPTC Content** (collapsed): Includes 'Headline', 'IPTC Subject Code', 'Description Writer', 'Category', and 'Other Categories'.
- IPTC Copyright** (expanded): Includes 'Copyright' (text field), 'Copyright Status' (dropdown menu set to 'Unknown'), 'Rights Usage Terms' (text field), and 'Copyright Info URL' (text field). All four fields have checkboxes on the right, all of which are checked.
- IPTC Creator** (expanded): Includes 'Creator', 'Creator Address', 'Creator City', 'Creator State / Province', 'Creator Postal Code', 'Creator Country', and 'Creator Phone'. All seven fields have checkboxes on the right, all of which are checked.

At the bottom of the dialog, there are four buttons: 'Check All', 'Check None', 'Check Filled', and 'Cancel'. A blue 'Create' button is located at the bottom right.

Copyright Preset

New Metadata Preset

Preset Name: **Untitled Preset**

Preset: Custom

Basic Info

Copy Name: Type to add, leave blank to clear

Rating:

Label:

Caption:

Camera Info

User Comment:

GPS:

Altitude:

Direction:

IPTC Content

Headline:

IPTC Subject Code:

Description Writer:

Category:

Other Categories:

IPTC Copyright

Copyright: Type to add, leave blank to clear

Copyright Status: Unknown

Rights Usage Terms: Type to add, leave blank to clear

Copyright Info URL: Type to add, leave blank to clear

IPTC Creator

Creator: Type to add, leave blank to clear

Creator Address: Type to add, leave blank to clear

Creator City: Type to add, leave blank to clear

Creator State / Province: Type to add, leave blank to clear

Creator Postal Code: Type to add, leave blank to clear

Creator Country: Type to add, leave blank to clear

Creator Phone: Type to add, leave blank to clear

Check All Check None Check Filled Cancel Create

Fill in at least
all Lines that are
Highlighted in **RED**

Yours may not be
red. Go through
your form and
click on the check
mark box for each
shown here plus
any others you
want.

I have started it
but there are
more blanks to fill
in.

When complete
click Create

New Metadata Preset

Preset Name: @2019 Jackie Gerse

Preset: Custom

Basic Info

Copy Name: Jackie Gerse

Rating:

Label:

Caption:

Camera Info

User Comment:

GPS:

Altitude:

Direction:

IPTC Content

Headline:

IPTC Subject Code:

Description Writer:

Category:

Other Categories:

IPTC Copyright

Copyright: @2019 Jackie Gerse

Copyright Status: Copyrighted

Rights Usage Terms: All rights reserved. No reproduction of any kind

Copyright Info URL: jackiegerse.com

IPTC Creator

Creator: Jackie Gerse

Creator Address: Type to add, leave blank to clear

Creator City: Type to add, leave blank to clear

Creator State / Province: Type to add, leave blank to clear

Creator Postal Code: Type to add, leave blank to clear

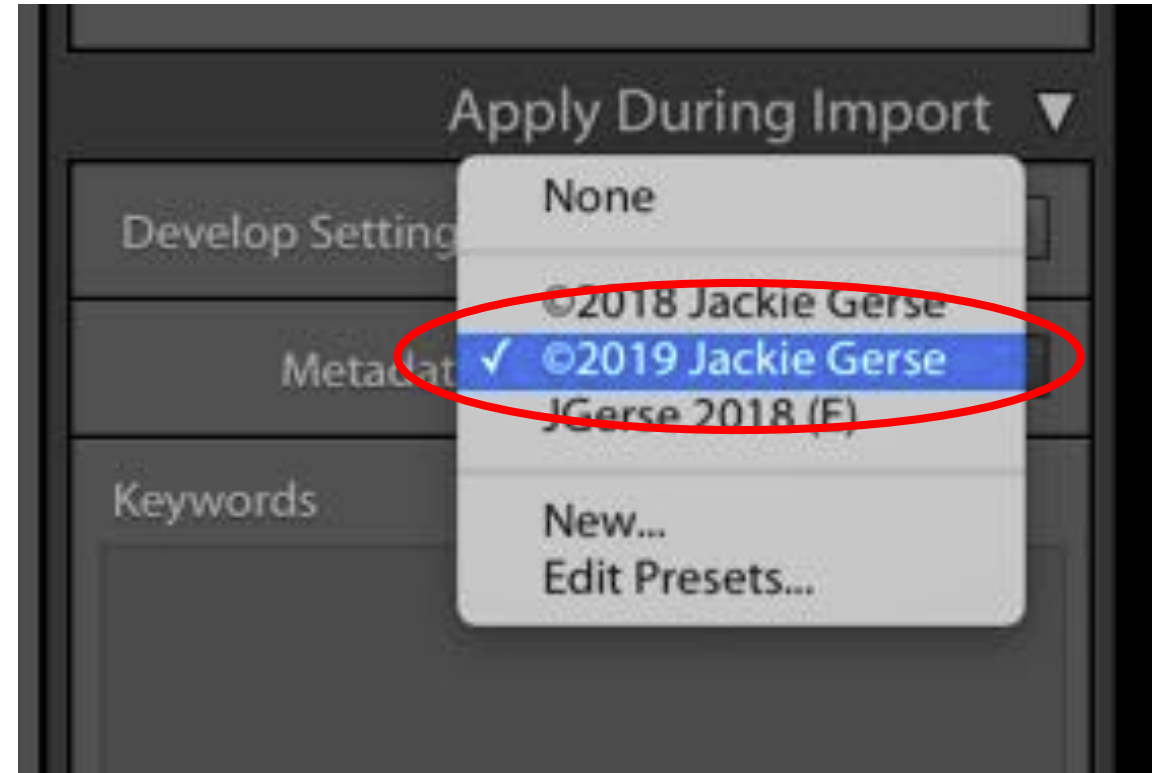
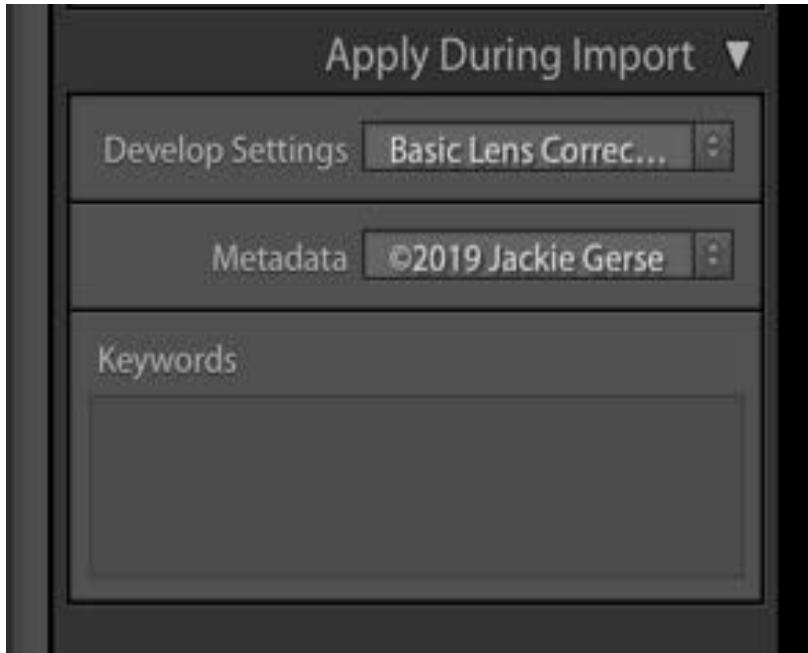
Creator Country: USA

Creator Phone: Type to add, leave blank to clear

Creator E-Mail: jackiegerse@gmail.com

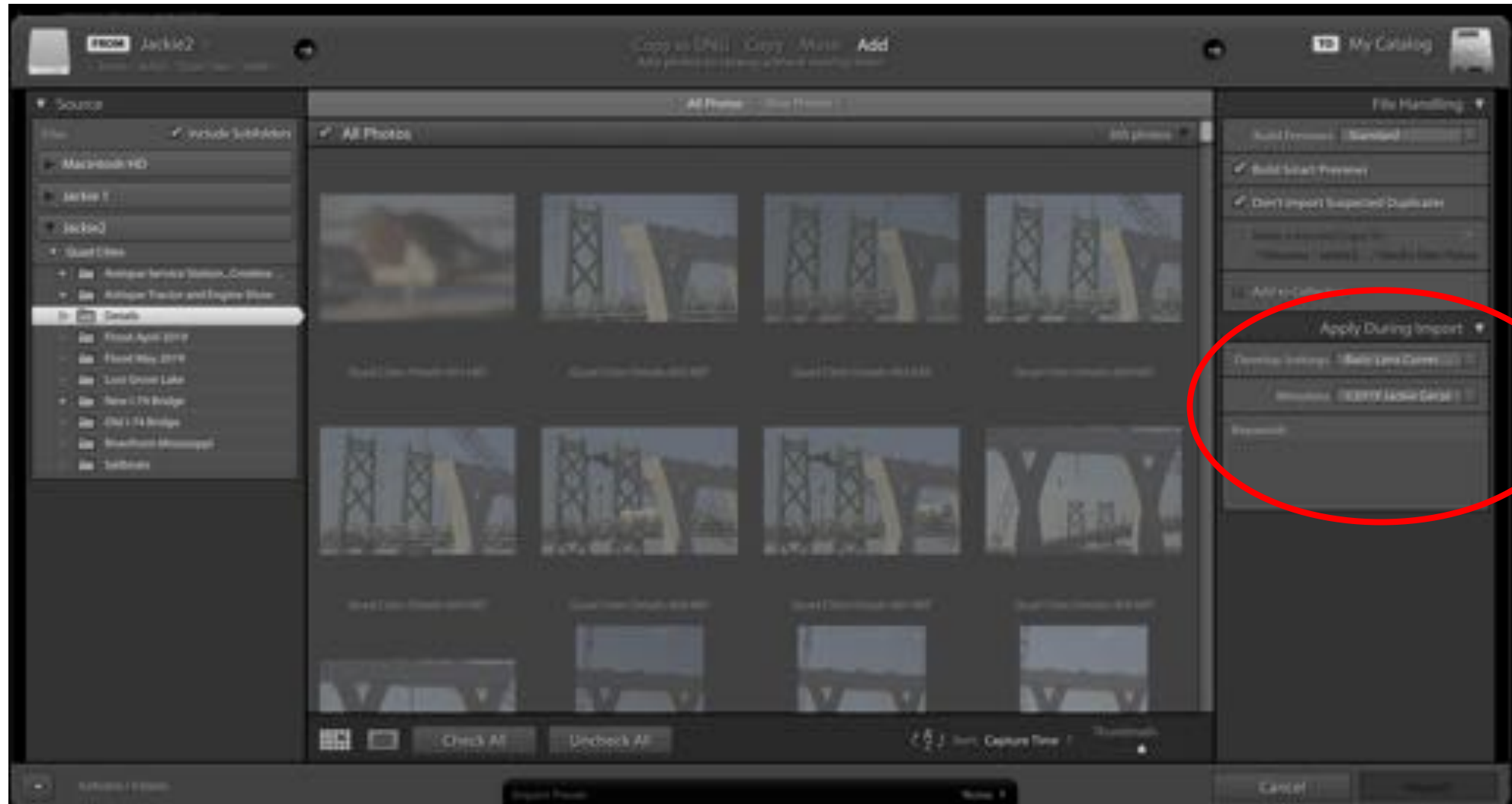
Check All Check None Check Filled Cancel Create

Adding Copyright to Import



- Now go back to Metadata of the Apply During Import section of the Import menu
- Click on the arrows
- Find your copyright preset
- Click on it and it will show up in the box

Adding Copyright to Import



Power Point

Resources and References

- <https://lightroomkillertips.com/>



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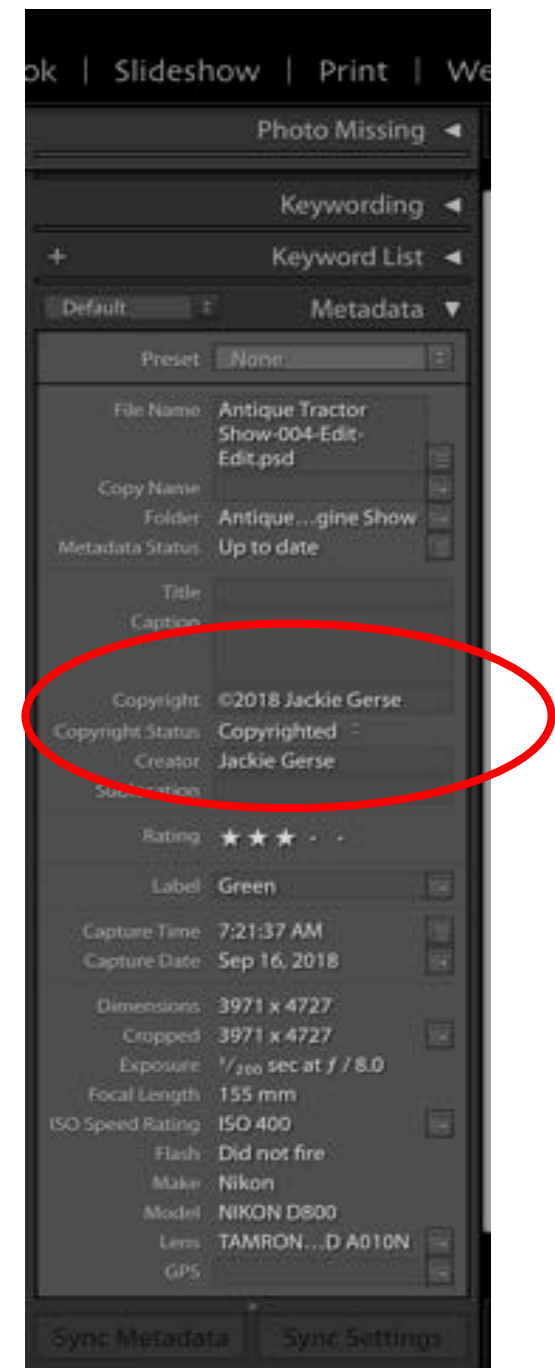
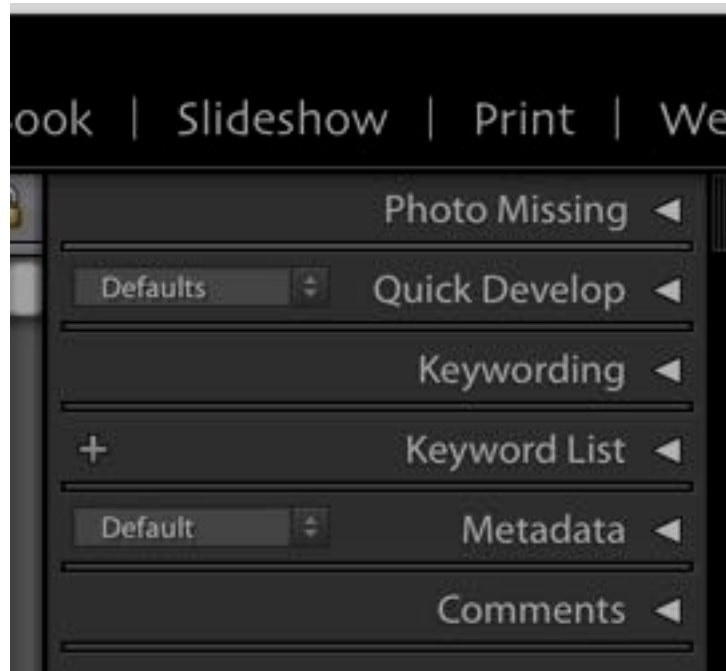
- **The Adobe Photoshop Lightroom Classic CC Book for Digital Photographers by Scott Kelby**



Keyboard Shortcuts

- D -- Develop Module
- E -- Loupe view
- F – Full screen (click F again to return)
- G -- Grid view
- I – Information (continue to click I to toggle through information screens)
- L -- Lights out
- P—In Library Module = Pick
- U -- Unpick
- X – In the Library Module = Rejected
--In the Develop Module--Changes crop tool from horizontal crop to vertical and vise versa
- Y– In Develop Module-Toggles through Before/After views (press D to get back to Loupe view)
- Tab -- Opens and closes panels
- Commd (Contl) +Z – Undo (Use for each step back)
- Shift – hold shift to draw a perfect horizontal or vertical (as with Graduated filter) or to draw out a perfect circle

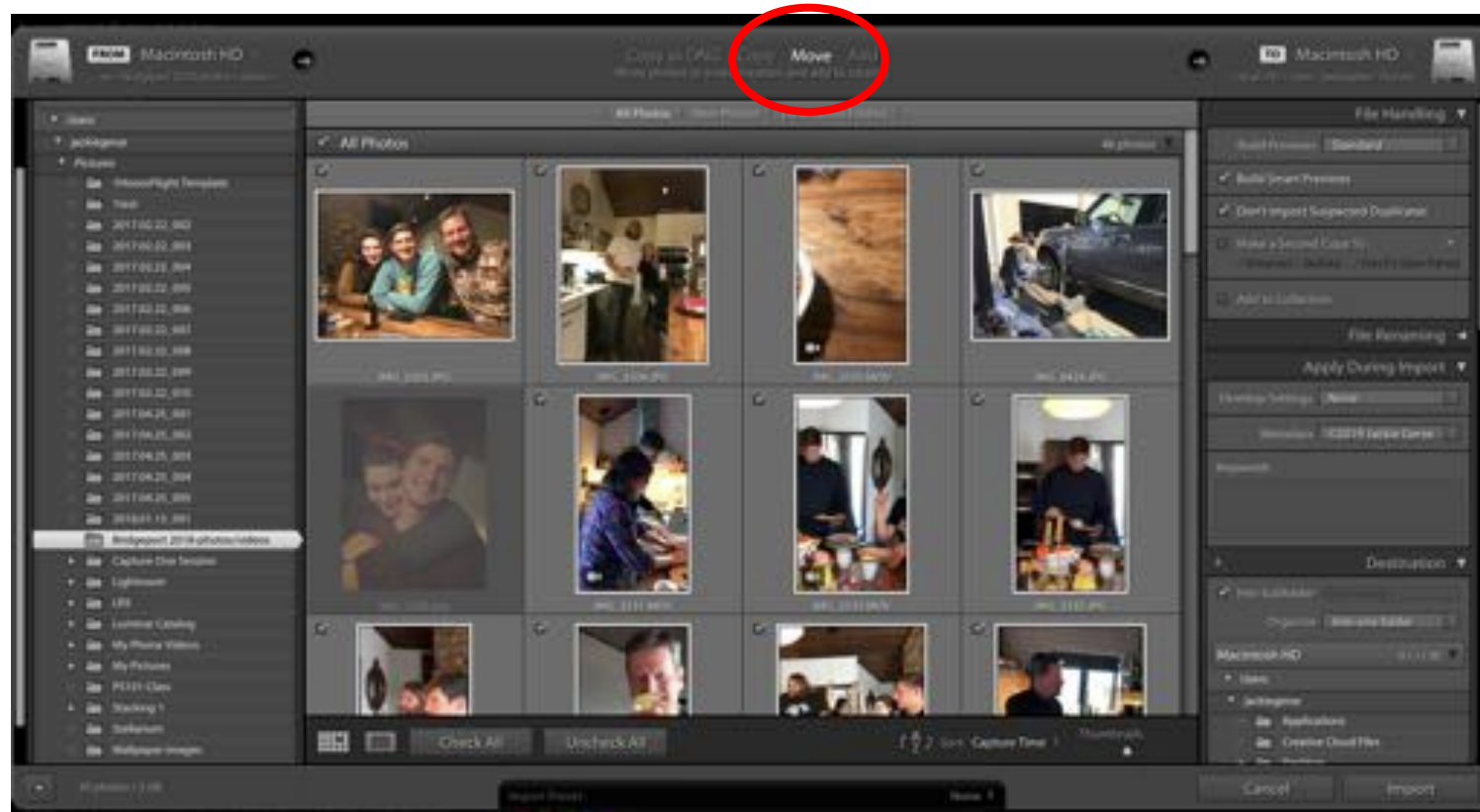
Library Interface--Right Panel



Import

- As files are being imported
 - Cull images with Pick Flags
 - Start working with images in Develop module

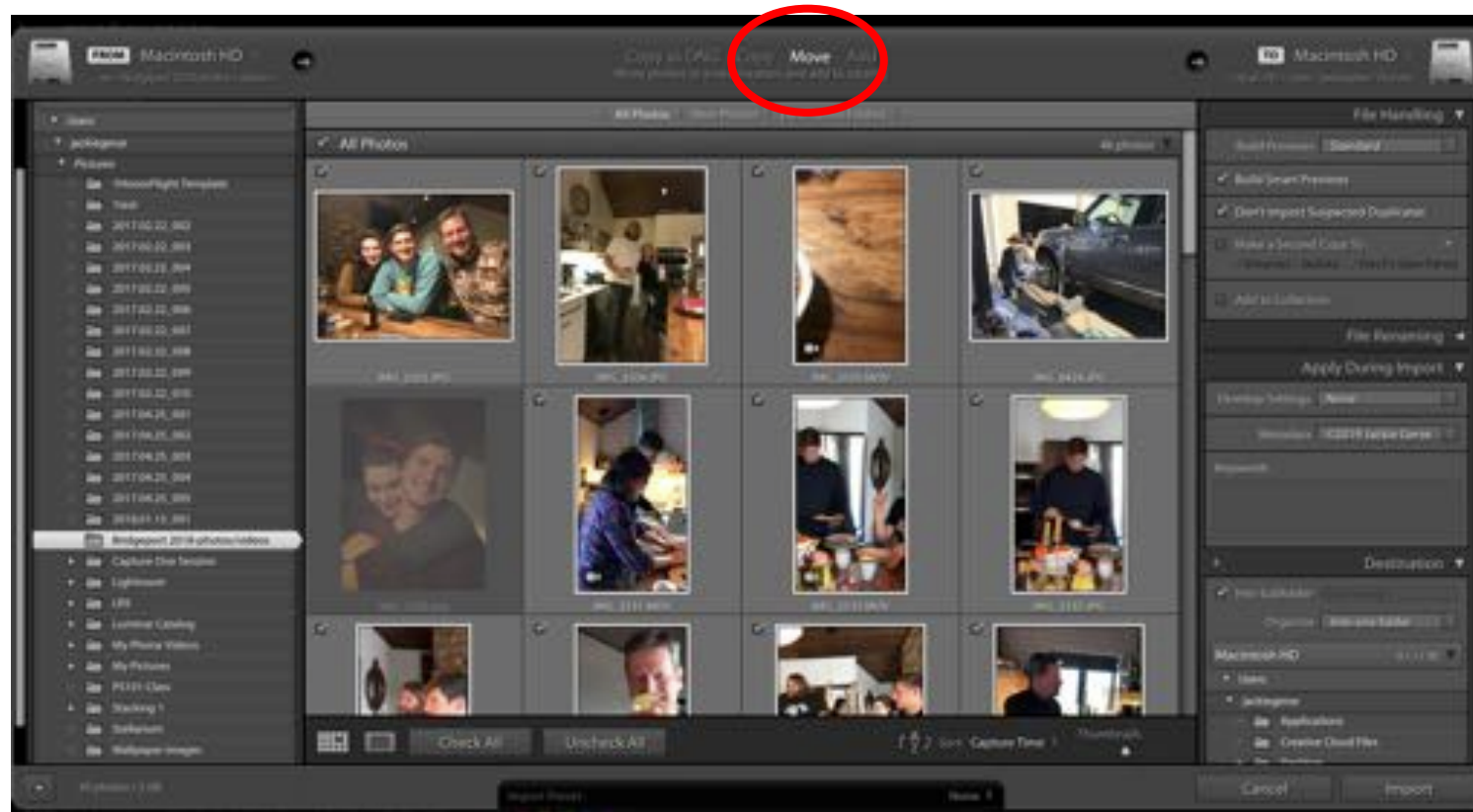
Moving Folders



- If a folder has NEVER been imported to Lightroom it can be moved from one location to another as it is imported through the import menu
- If the folder is **ALREADY** in the Lightroom catalog then it can be MOVED to another location through the Library module

Images will be visible if they can be imported. If images are grayed out then they must be moved inside the Library Module.

Moving Files/Folders

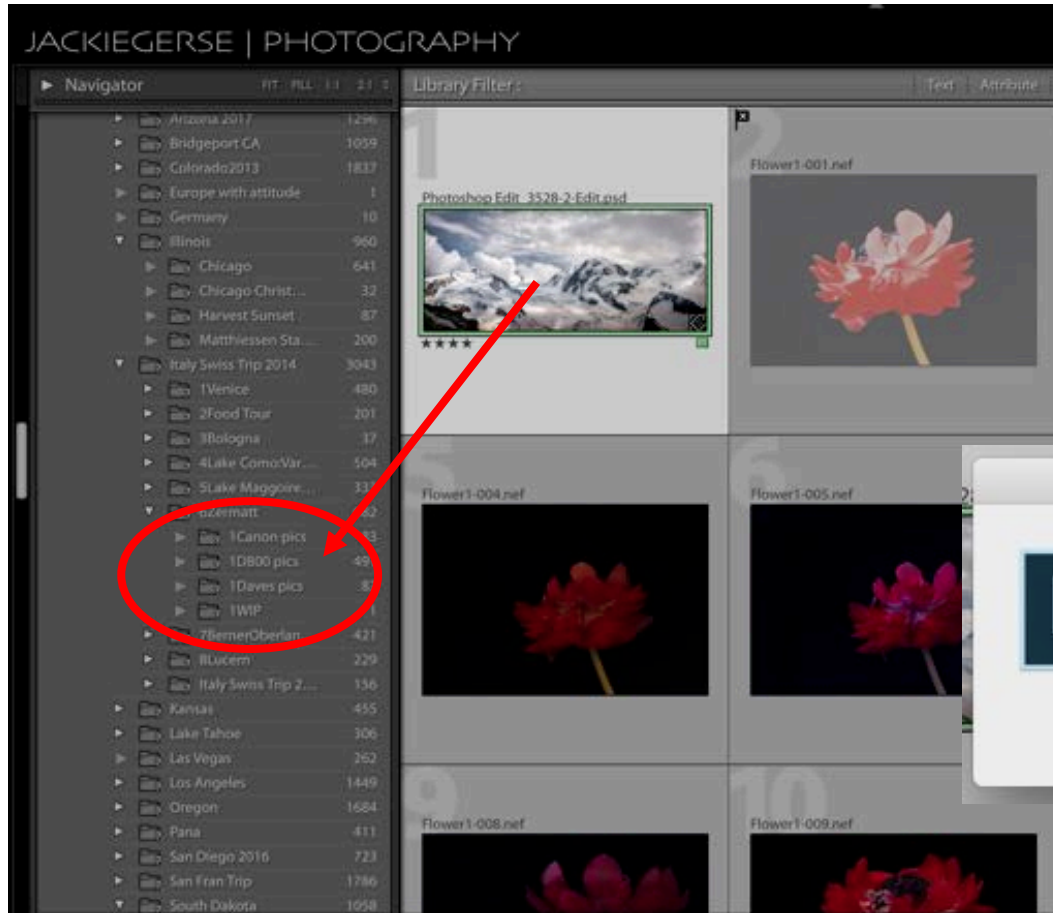


When MOVING through the IMPORT menu

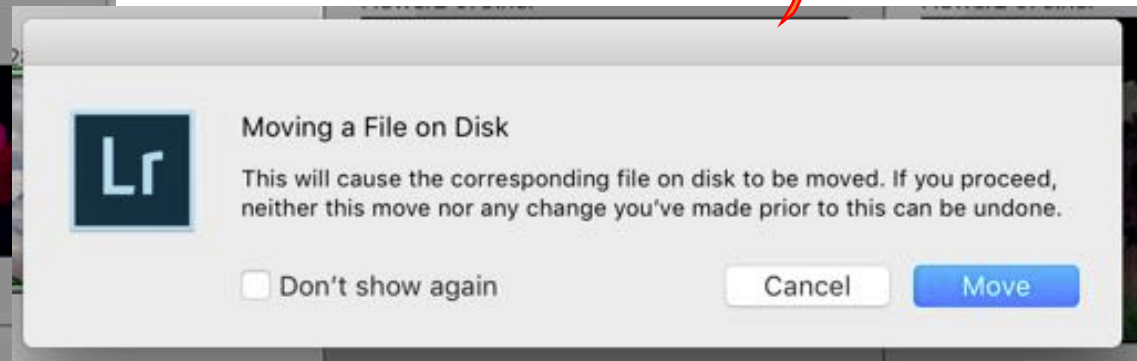
- Locate/select the file to be moved on the source (left) side of the import panel
- Check mark only the images to be moved
- In the right panel, fill in “File Handling”, “File Renaming”, “Apply During Import”, and choose the Destination of the files/folder to be moved
- Click Import

Moving Folders

To move one or more images to a new location

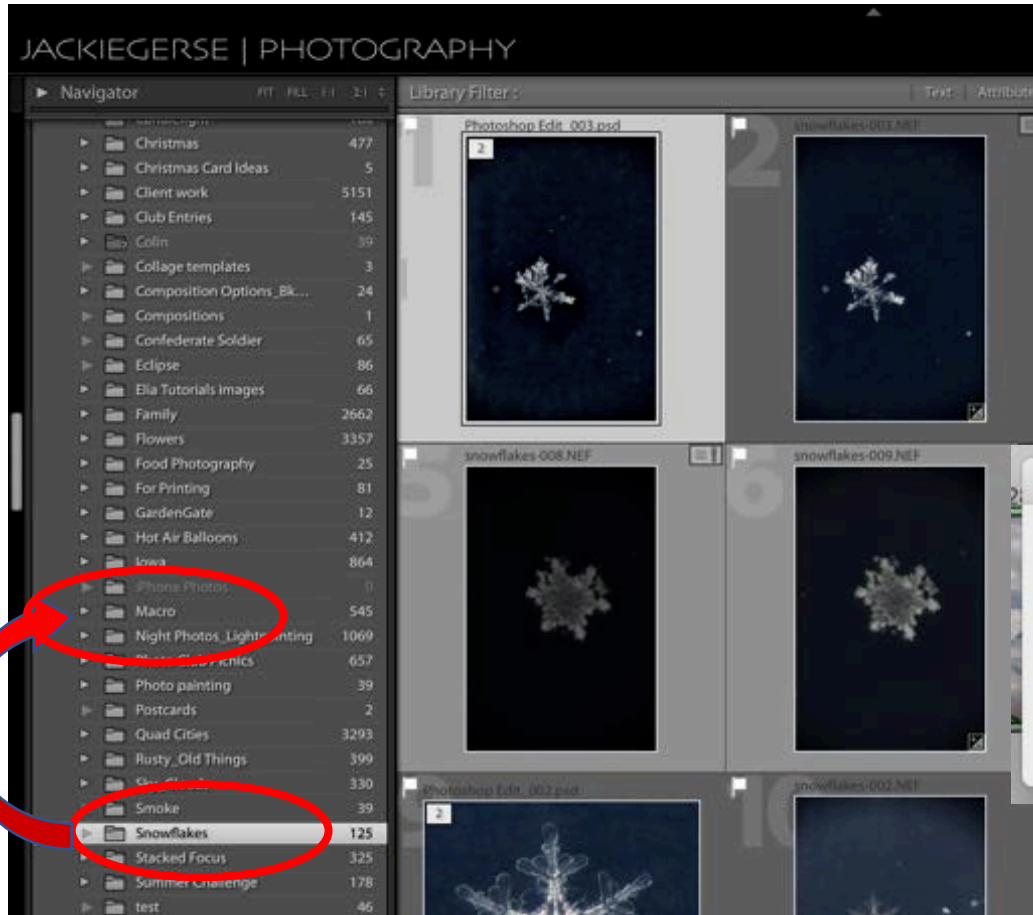


- Highlight the image or images to be moved and drag and drop them into their new location.
- Cursor MUST be ON the image not the gray area around the image when you click to drag
- This window will open



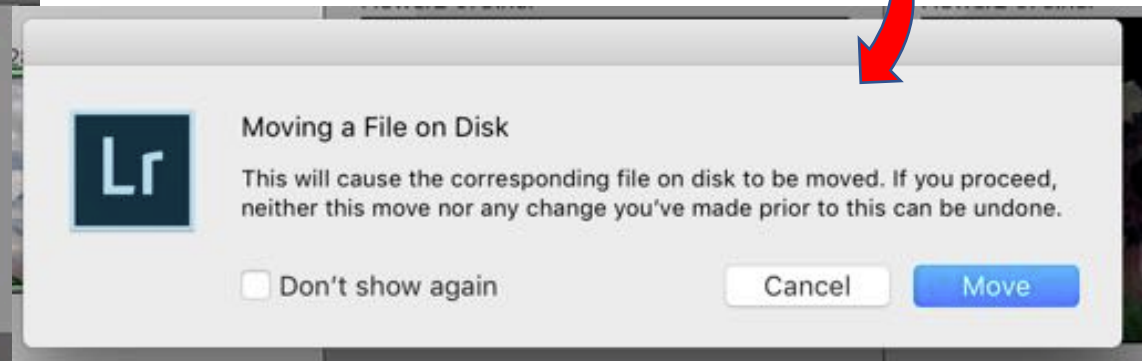
- Click Move

Moving Folders



TO MOVE AN ENTIRE FOLDER

- Highlight the folder to be moved and drag and drop it to the new location.
- This window will open

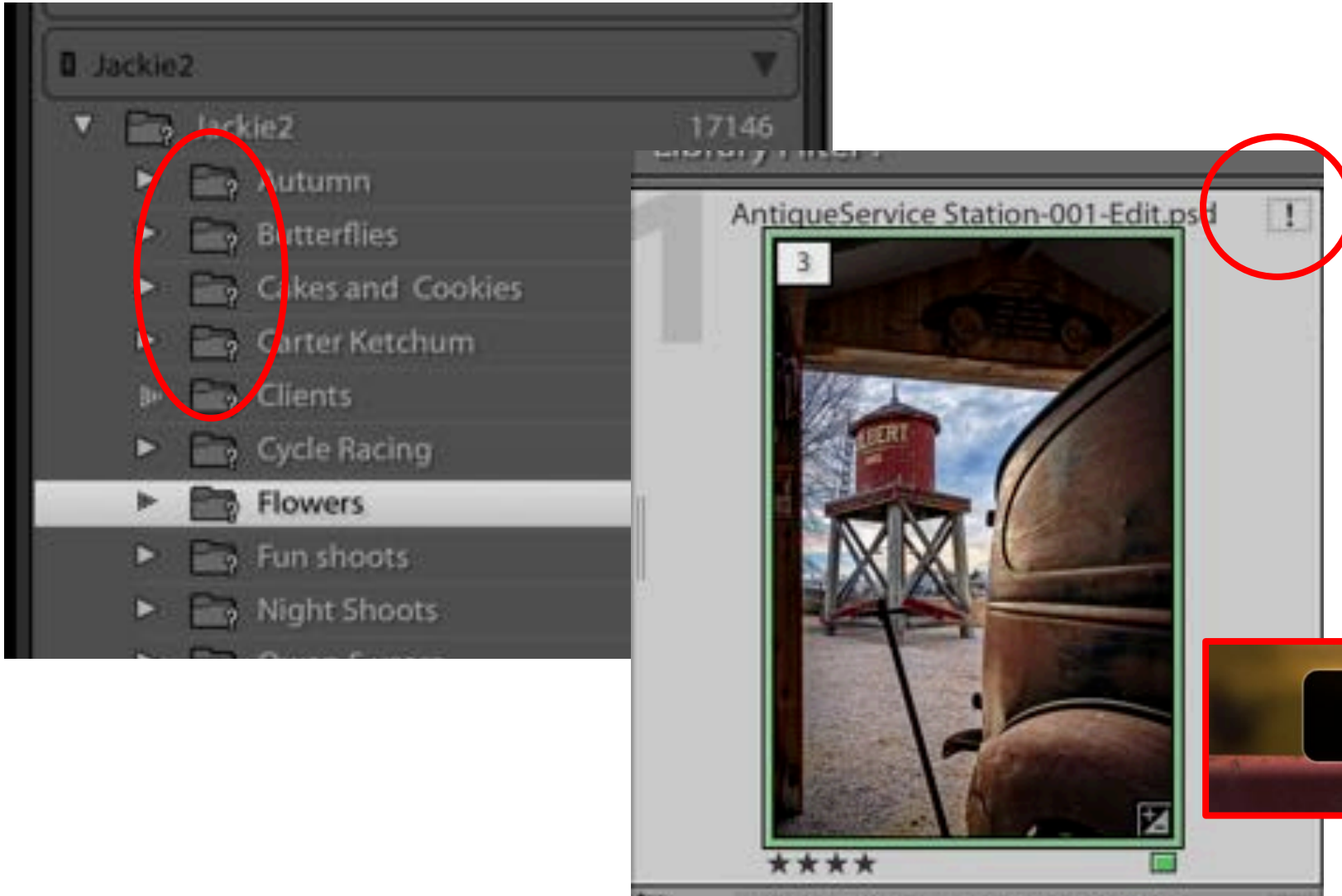


- Click Move

Moving Folders or images

Images or Folders that are already in the Lightroom Catalog **MUST** be moved through Lightroom or Lightroom will NOT be able to find them!!

Moving Folders or images

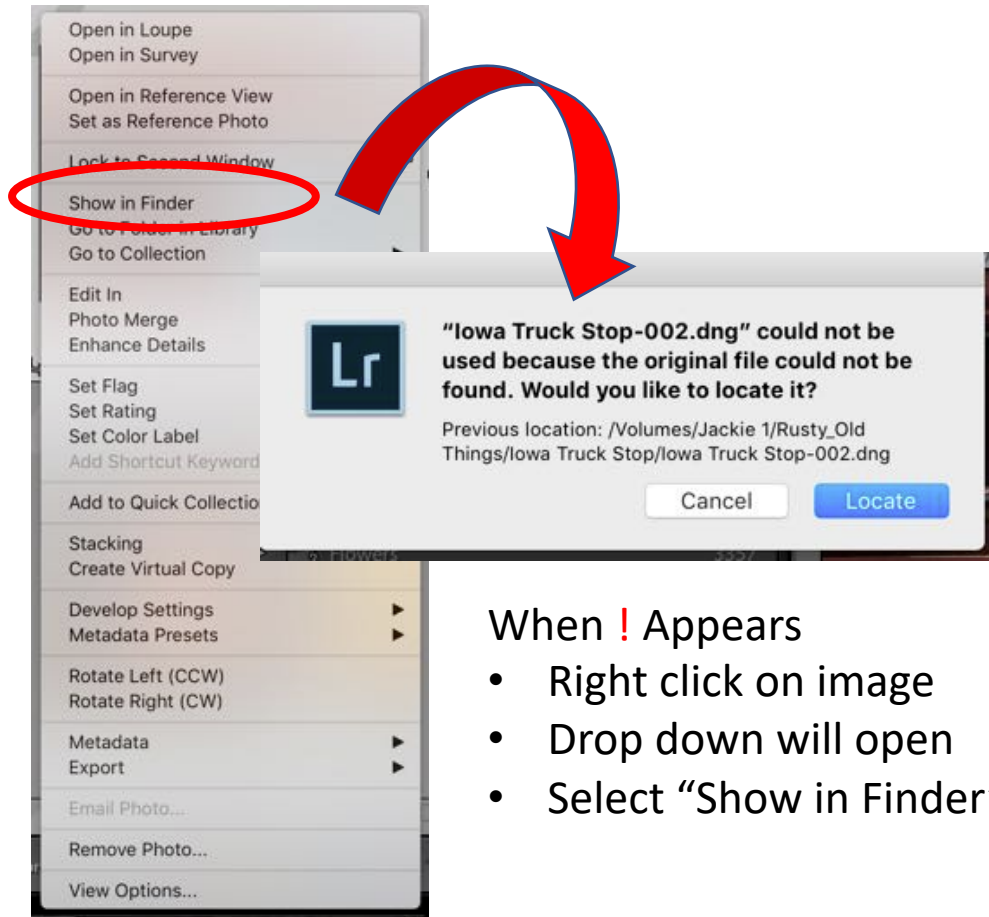


WHAT DOES ? AND ! MEAN

- If Image is stored on an external hard drive either the drive isn't connected to the computer or the image has been moved outside of Lightroom
- If Image is stored on the computers hard drive but the image or folder was moved outside of Lightroom

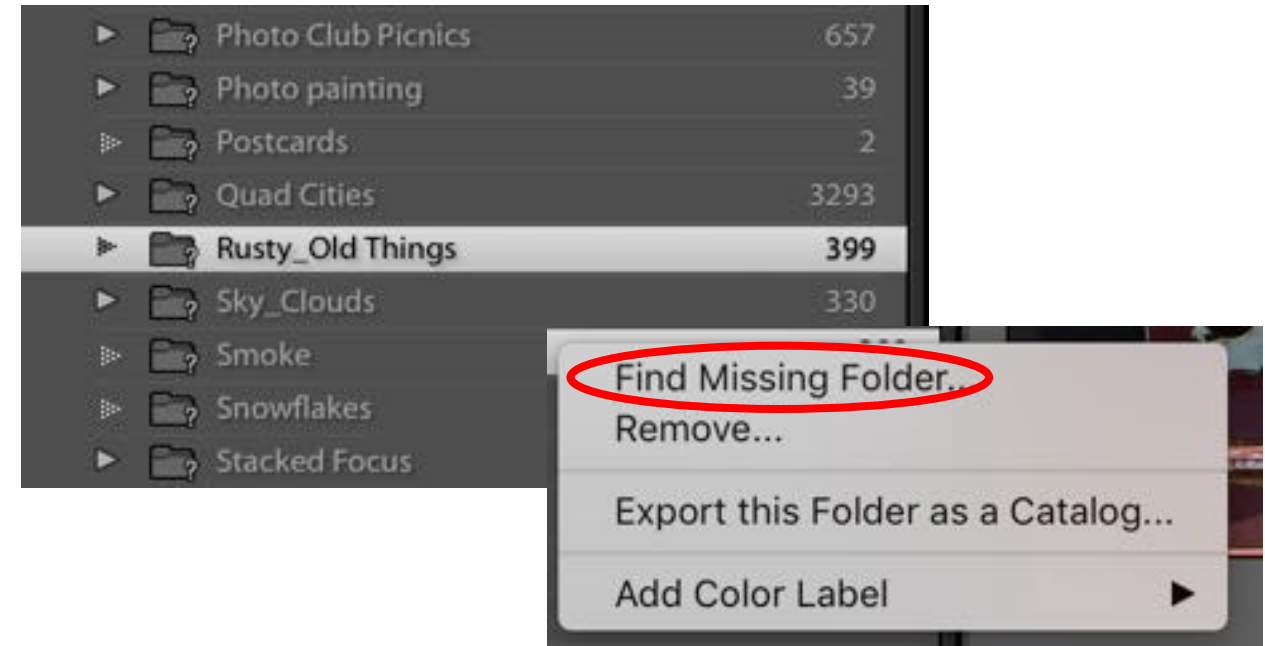
The file could not be found.

Finding Missing Folders/Files



When ! Appears

- Right click on image
- Drop down will open
- Select "Show in Finder"



When ? Appears on a folder

- Right click on the selected folder
- Select "Find Missing Folder"
- This will take you to the file section where you can locate where you moved it.

Finding Parent Folder

When you import “Add” a folder that is subfolder, that is inside a folder that hasn’t been imported to Lightroom you aren’t able to see the main folder...

- To be able to see the Main, “Parent” folder
- Right click on the subfolder
- Click add parent folder

Selecting Images



To select 1 image click anywhere inside the cell

To select an additional image-Commd (Contl) Click on additional image

To select a series of image in a contiguous row-click the first image then shift click the last image in sequence

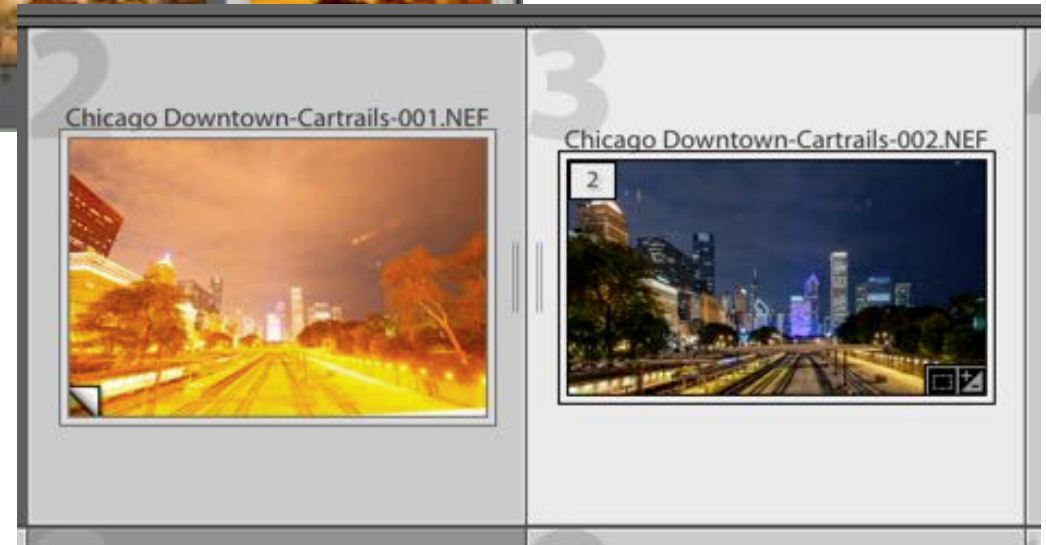
To remove any image from selection-Commd (Contl) click on the image(s) to be removed

Selecting Images



Notice the different shades of gray of the cells in the grid view

- The darkest shades of gray are NOT selected
- The lightest 2 shades of gray ARE selected
- The very lightest gray cell is the primary selection
- When syncing the very lightest gray cell adjustments will be applied to the other light cells



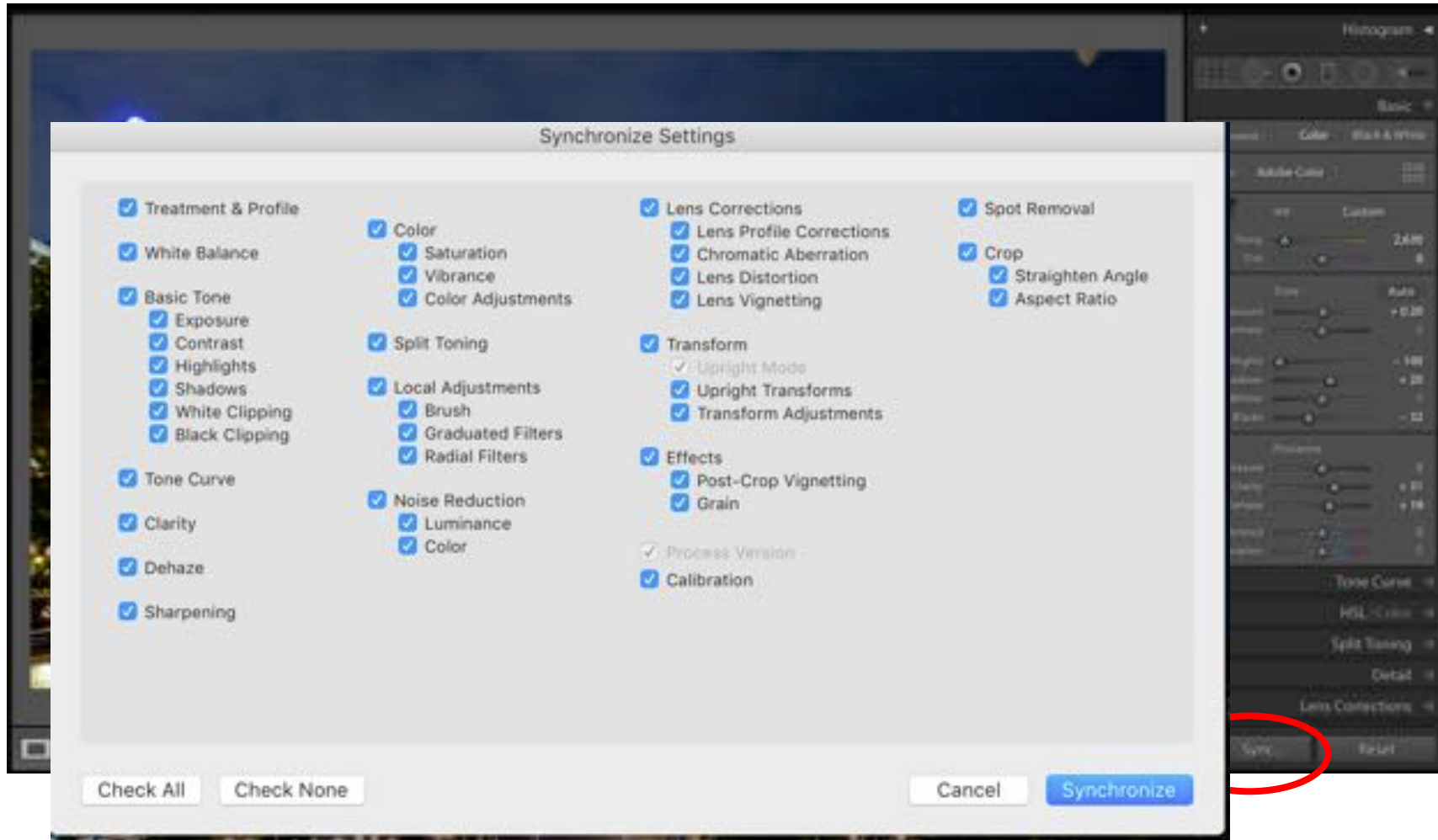
Syncing Selected Images



This is the loupe view of the primary selected image of the group of selected images

With a group of image selected and an edited image as the primary selected image...Click sync

Syncing Selected Images



From the pop up window...
Select the adjustments that
you would like to sync from
the primary image to the
rest of the selected images.

It can be all of the
adjustments or just a
selected 1 or more

“Process Version” must
always be checked

Once correct boxes are
checked...click
“synchronize”

The adjustments will sync
to all of the selected
images

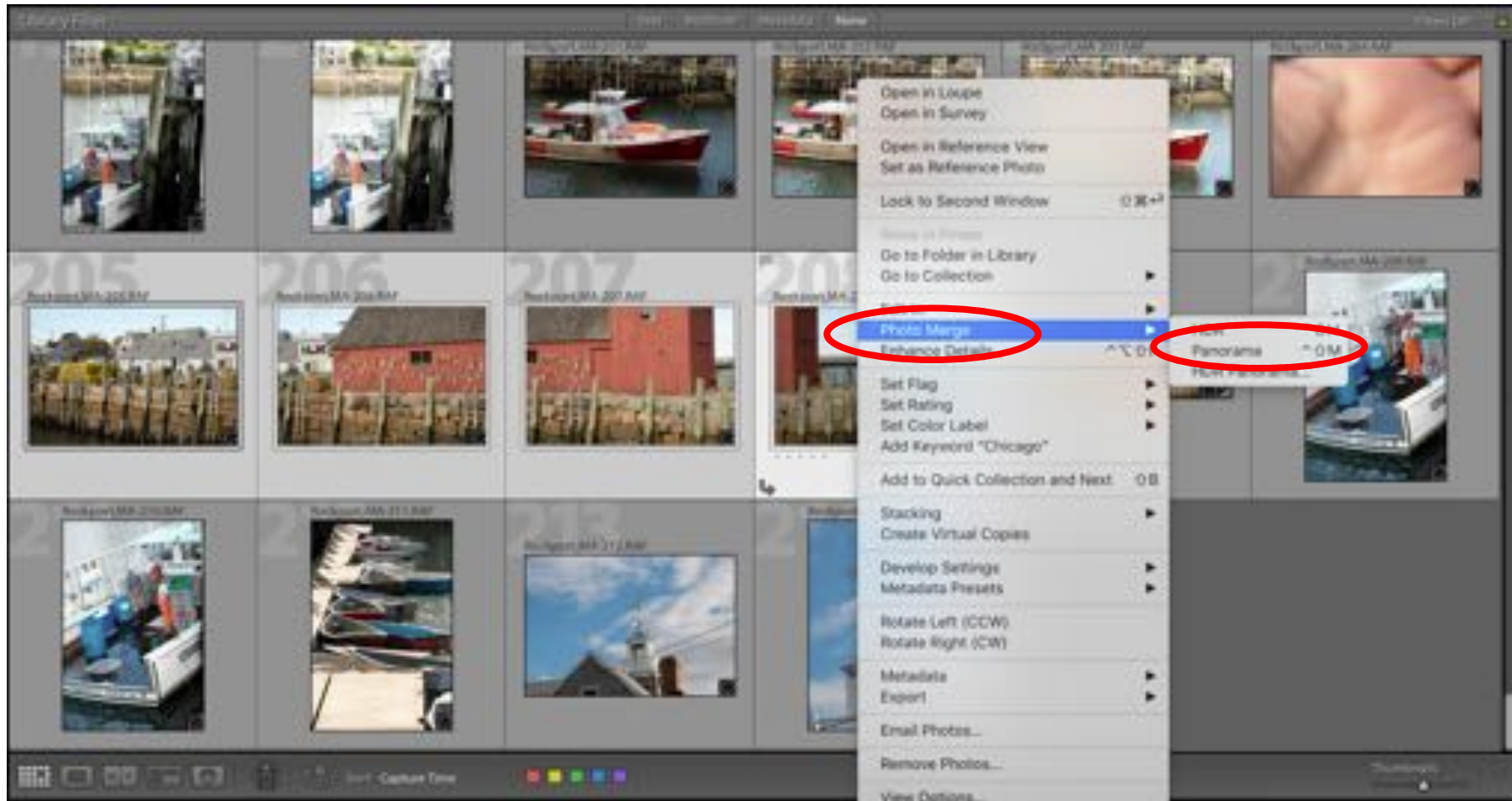
Individual adjustments can
be made to each image as
desired.

Photo Merge--Pano



- Locate the images to be merged and select all of them
- Right click on any one of the images
- A window will pop up

Photo Merge--Pano



Right click on one of the selected cell and the pop up will appear

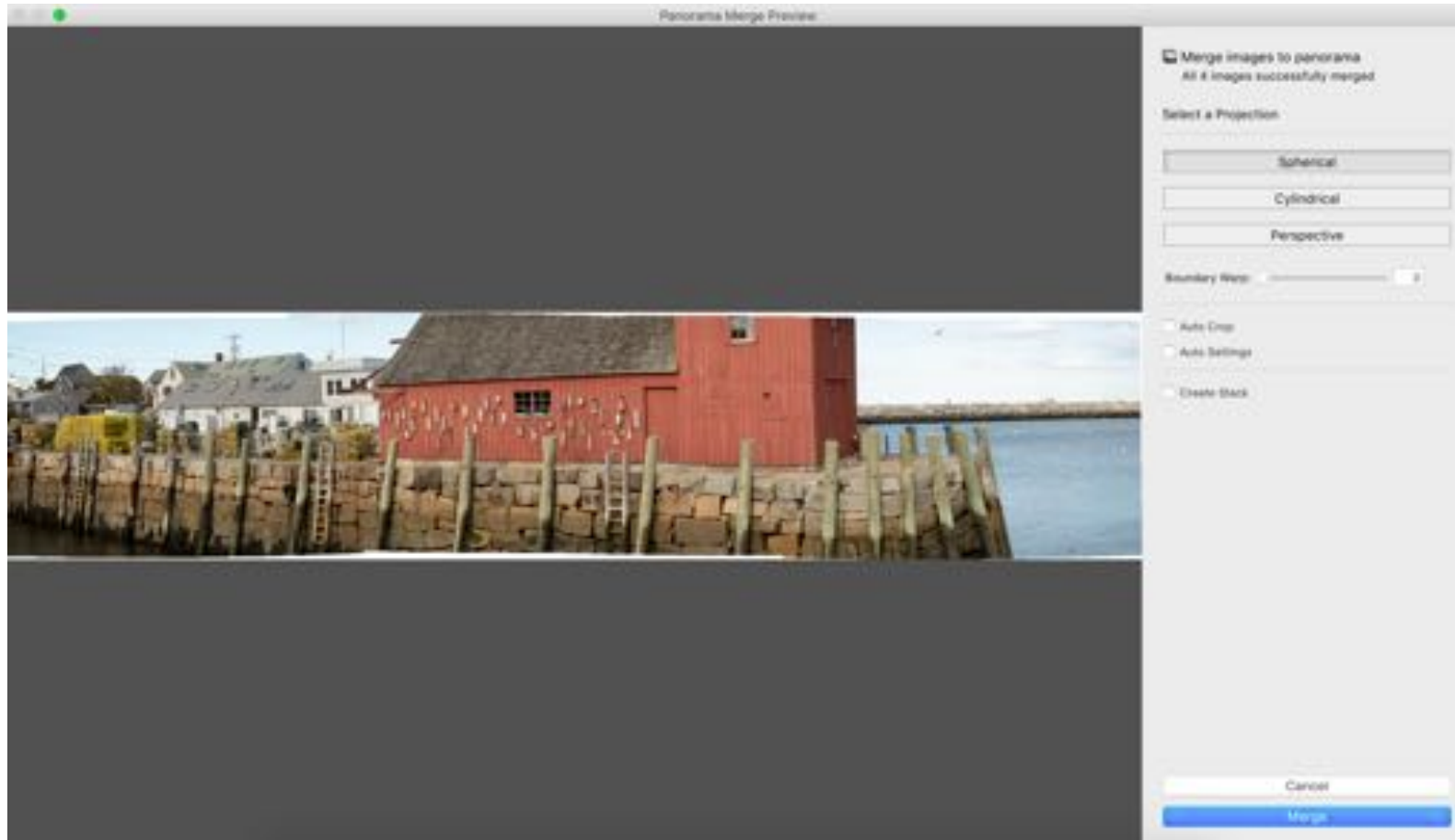
Select Photo Merge

Another window will appear

Select Panorama

A new window will open

Photo Merge--Pano



- This window will open and LR will begin to merge the images
- There are 3 projection that you can test
- Some may or may not work with your images
- Chose your favorite
- To fill in any gaps around the edge you may slide the boundary warp slider
- Once satisfied with results ...click "merge"

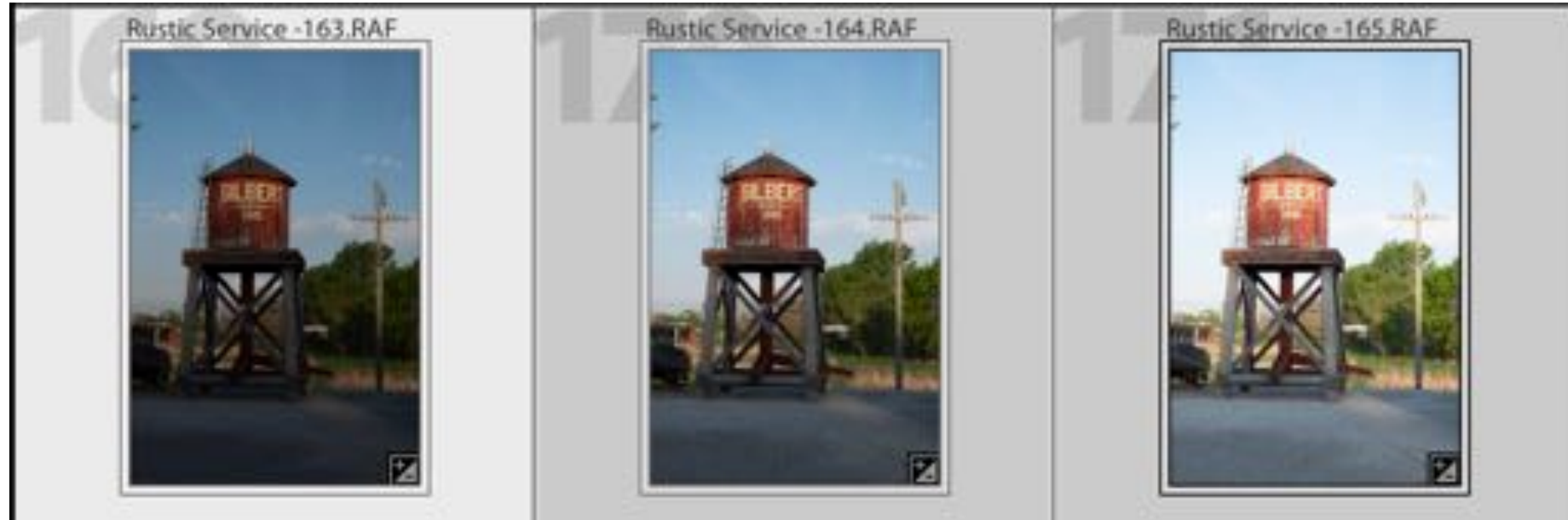
Photo Merge--Pano



Lightroom will merge the images into a panorama and place the merged image next to the individual images

Notice the name of the merged image

Photo Merge--HDR



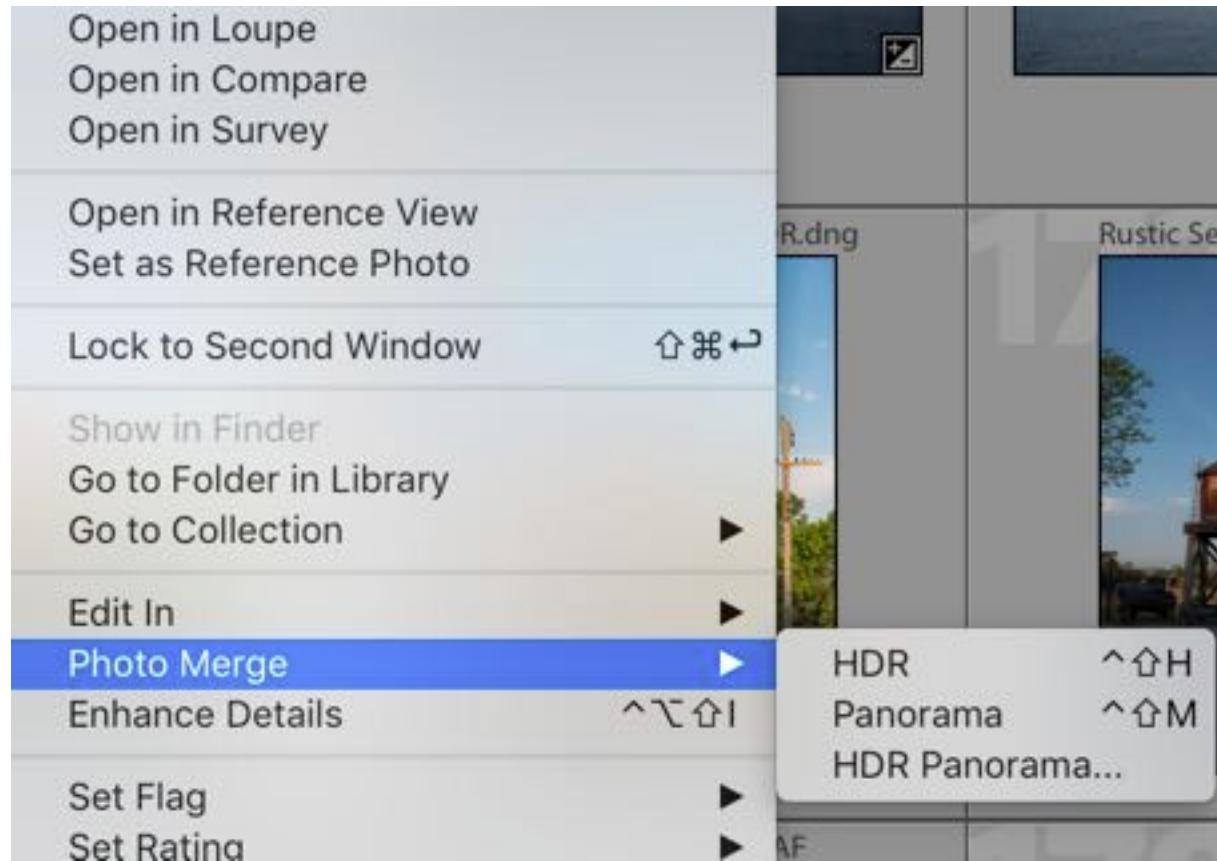
Exposure -1.0

Exposure 0.0

Exposure +1.0

- Select the images to be merged
- Right click on one of the selected images
- A pop up will appear

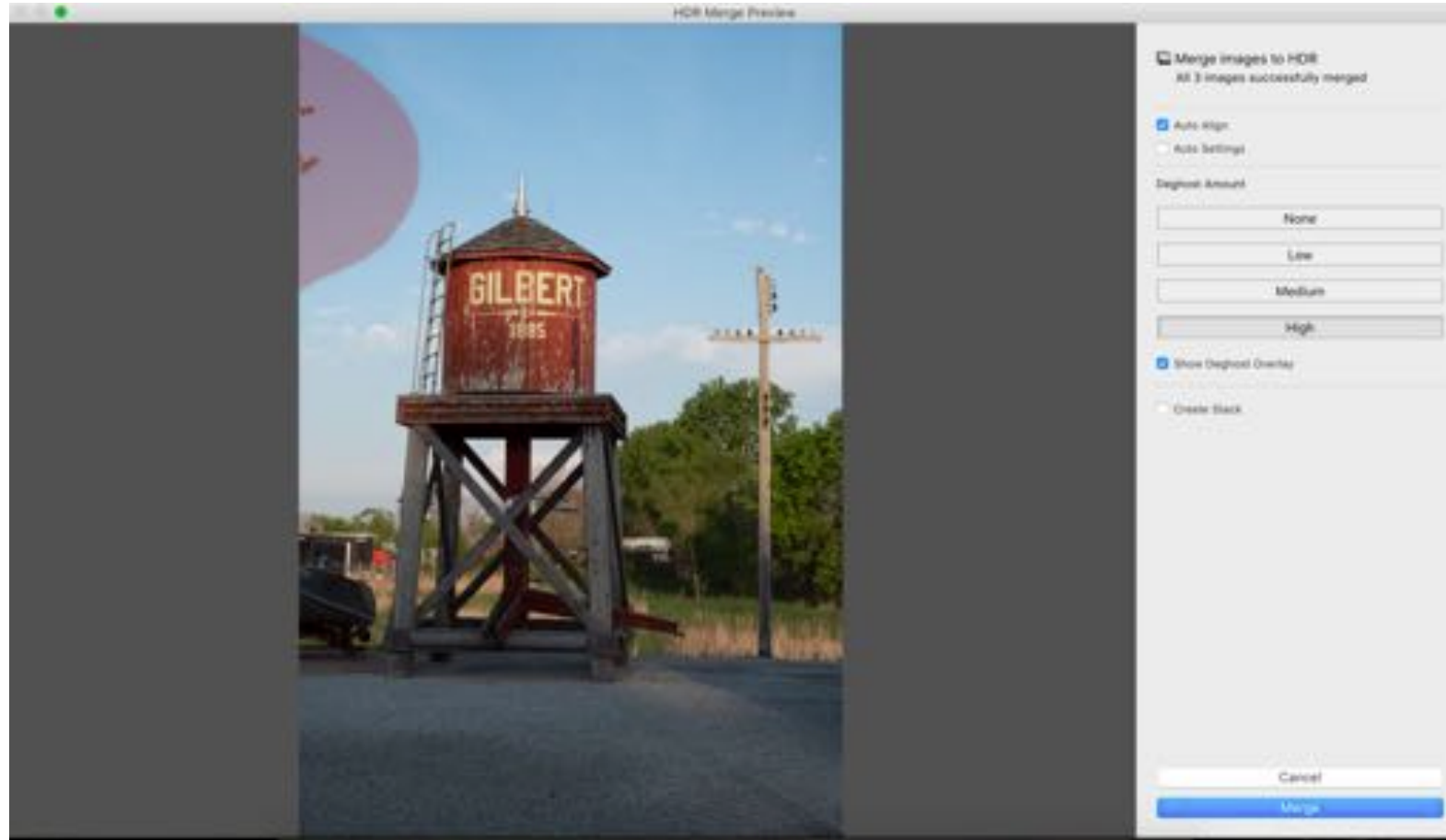
Photo Merge--HDR



From the Pop up

- Select Photo Merge
- Select HDR
- A new window will open

Photo Merge--HDR



From the Window

- Select Auto Align
- Show Deghost Overlay
- Select the amount of Deghosting
 - Were the images handheld or on a tripod
 - Was it windy?
- When satisfied ...Click Merge

Photo Merge-HDR



HDR Merge will be place next the the individual images

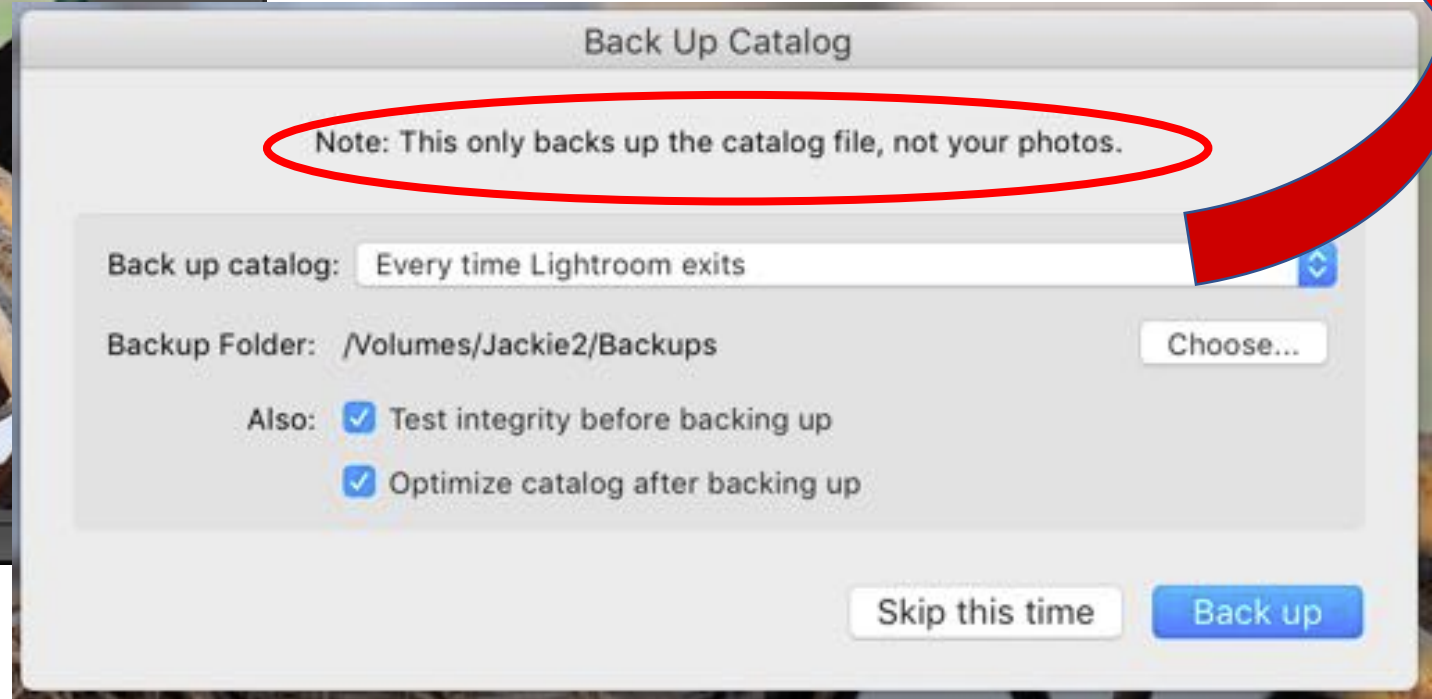
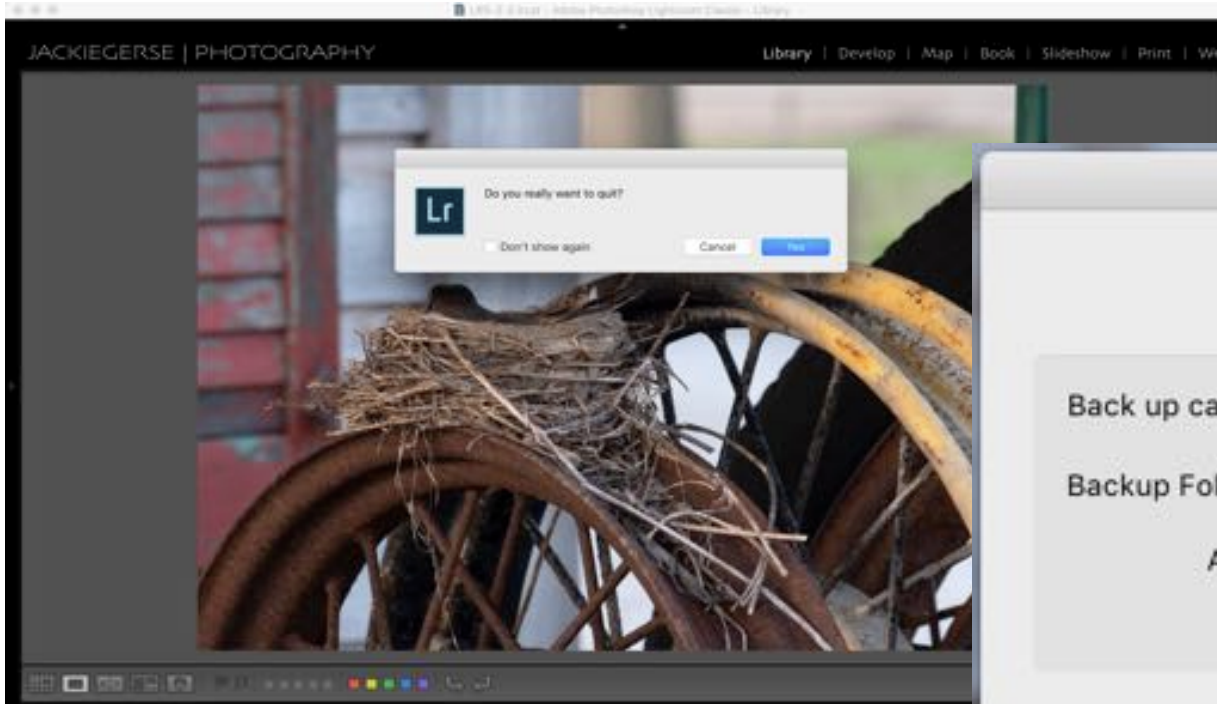
Title reflects HDR merge

Keyboard Shortcuts

- D -- Develop Module
- E -- Loupe view
- F – Full screen (click F again to return)
- G -- Grid view
- I – Information (continue to click I to toggle through information screens)
- L -- Lights out
- P—In Library Module = Pick
- U -- Unpick
- X – In the Library Module = Rejected
--In the Develop Module--Changes crop tool from horizontal crop to vertical and vise versa
- Y– In Develop Module-Toggles through Before/After views (press D to get back to Loupe view)
- Tab -- Opens and closes panels
- Commd (Contl) +Z – Undo (Use for each step back)
- Shift – hold shift to draw a perfect horizontal or vertical (as with Graduated filter) or to draw out a perfect circle

Class 4

Backing Up

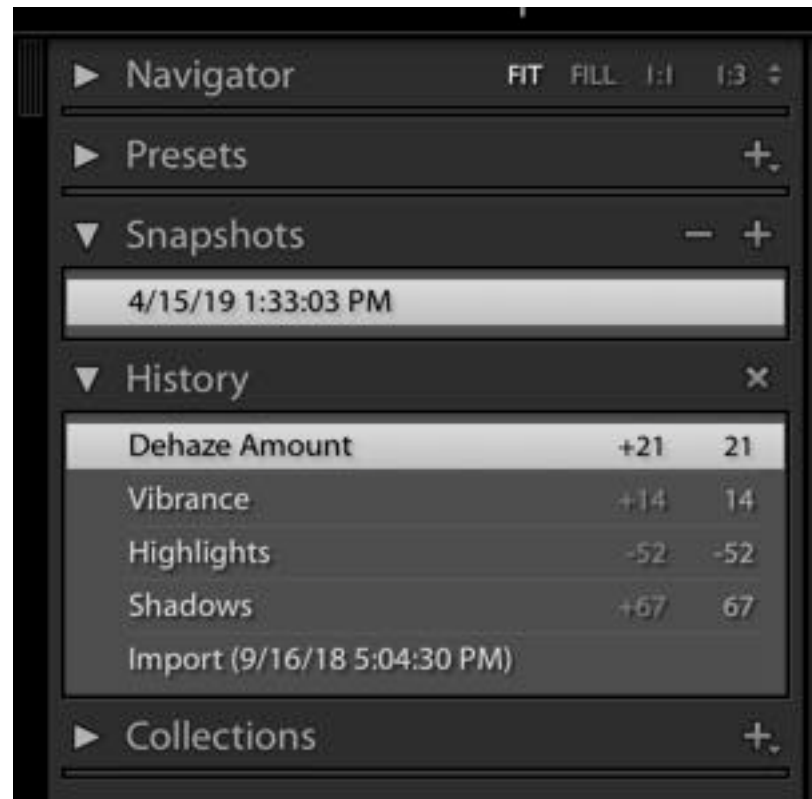


When you close LR

- A window will open
 - Select how often you want LR to ask you about backing up
 - Select the location for the backup
 - Click...Back up

Suggestion: Vary the locations of your back ups

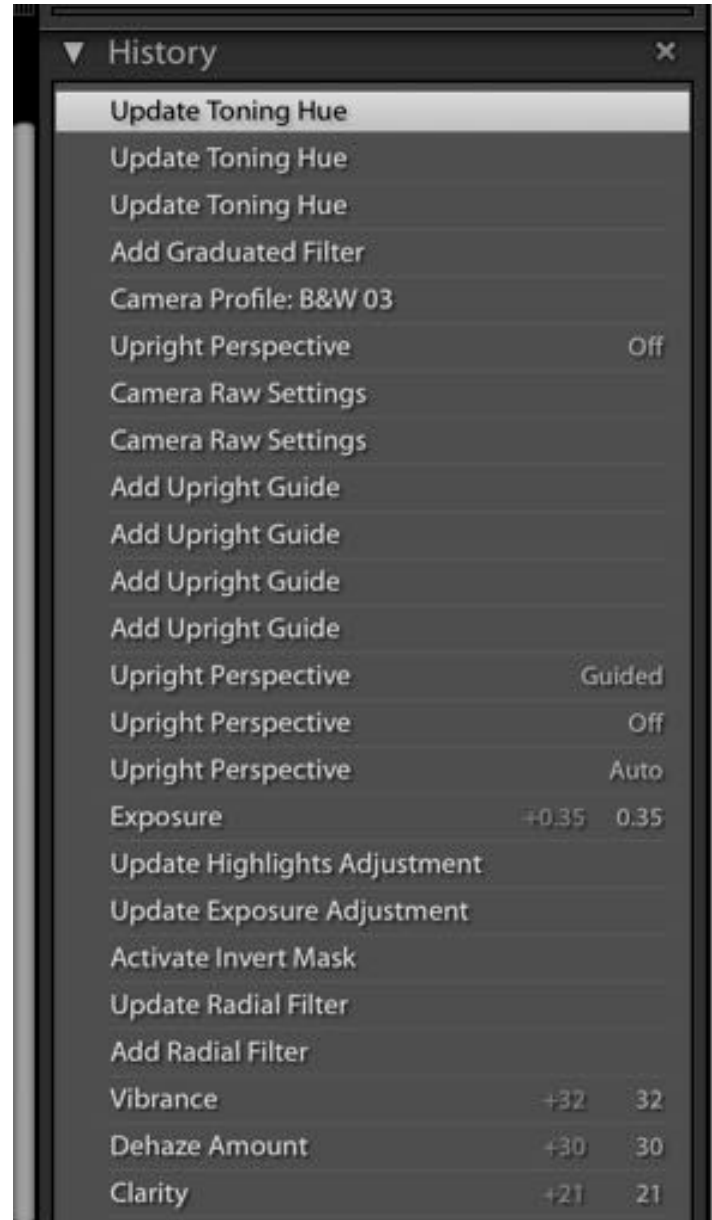
Develop Module–Left Panel



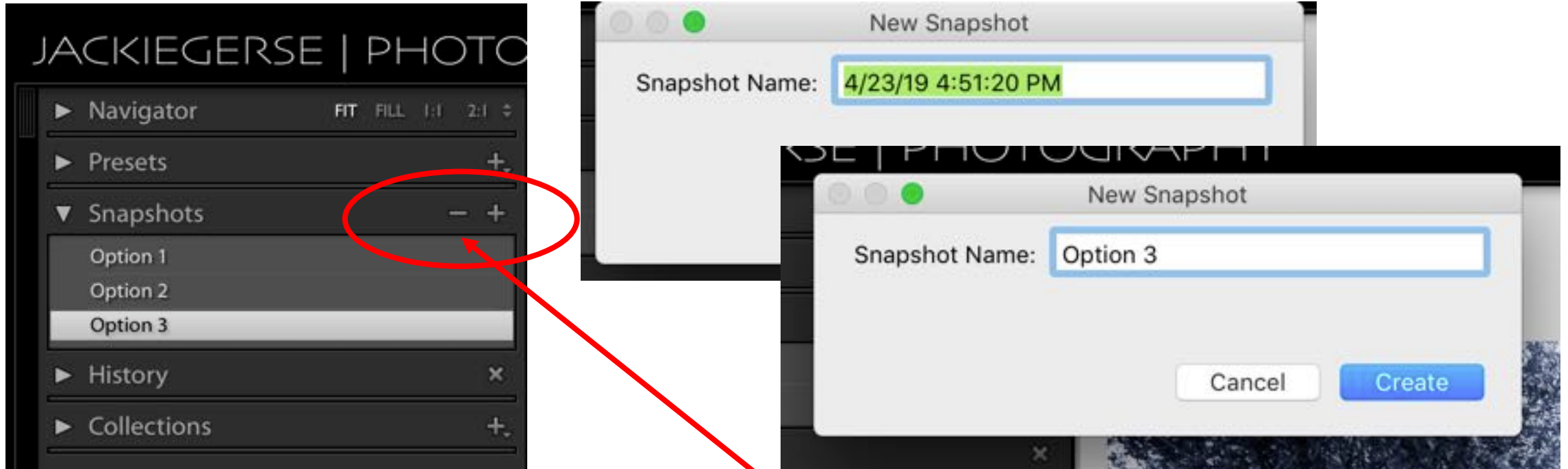
Develop--History

If you open the HISTORY panel

- You can view every editing step you have done to the image.
- You can use this panel to step back in editing
- Just click on the appropriate line, then you can continue to edit if you would like or be finished



Develop Module--Snapshots



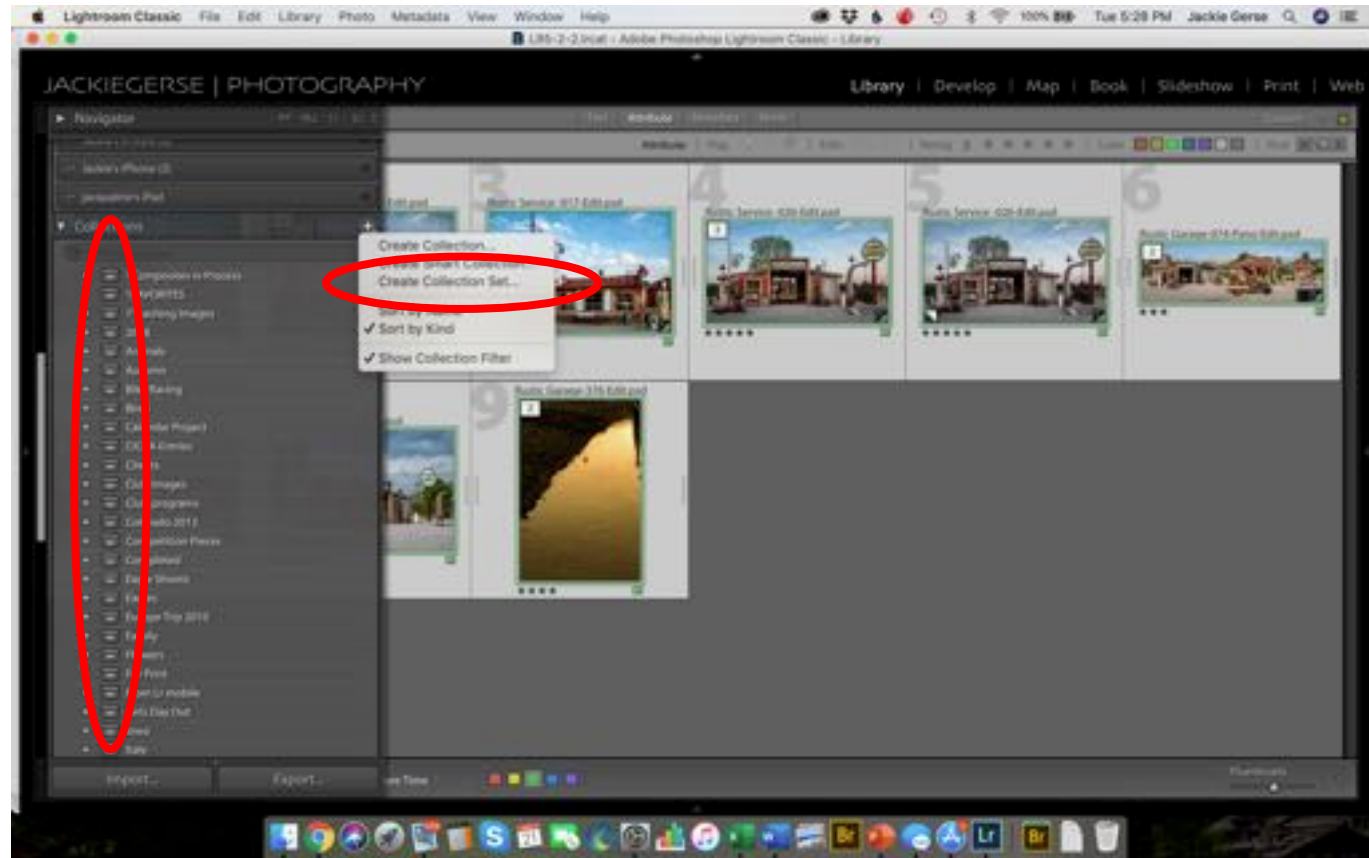
Snapshots can be made anytime along the edit.

- Click on the + and a window will open.
- Custom name the snapshot or keep the date/time.
- Click Create.
- View each snapshot by clicking between them and choose where you want to stop.

To remove snapshot

- Highlight item for removal
- Click on the - button

Collections



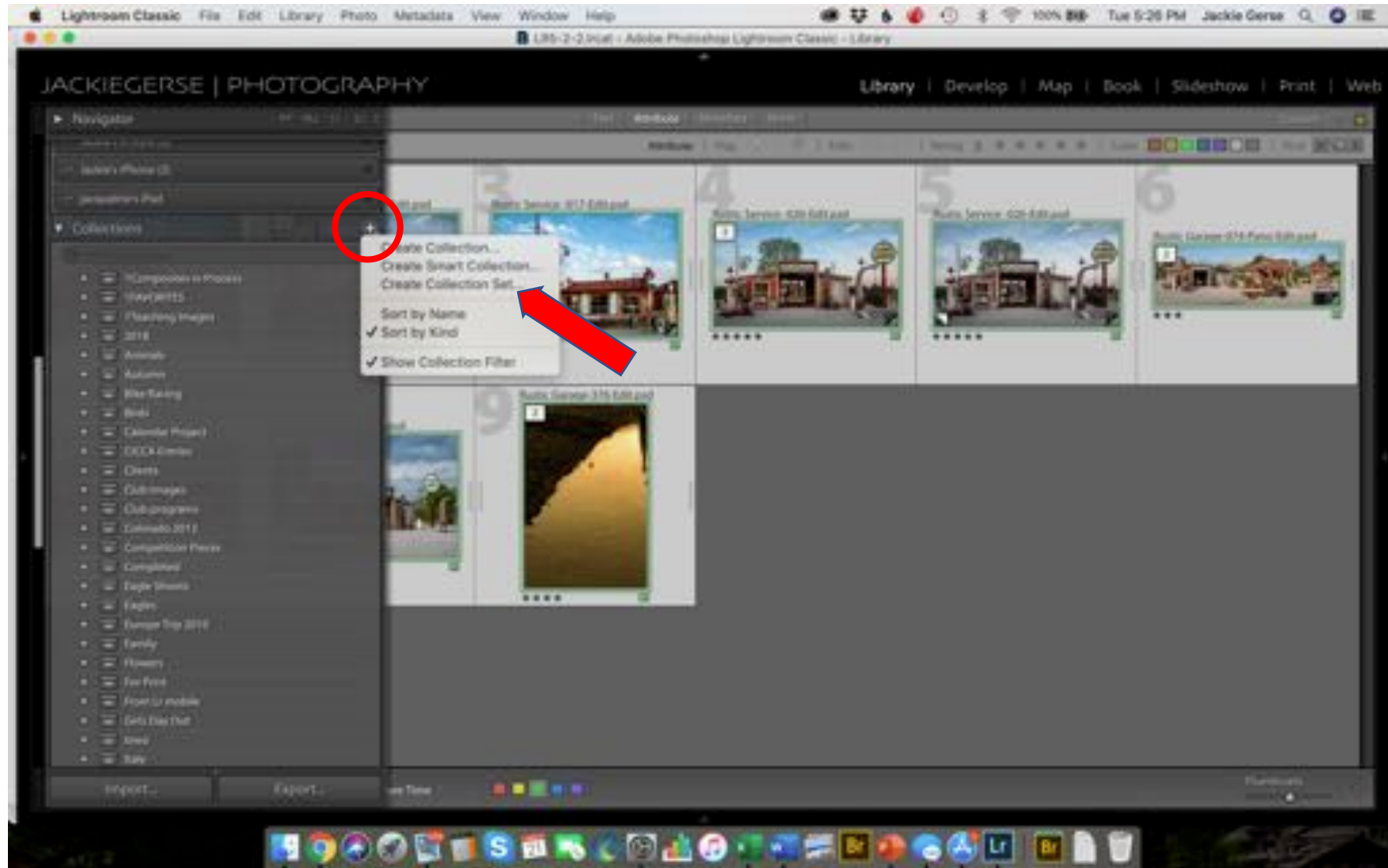
Collection Sets---

- Can contain images, collections or collection sets
 - Think of it as a File Cabinet Drawer
- Can also be located inside another Collection Set
 - Think of it as a file folder inside a file cabinet drawer
- Use as a way of organizing

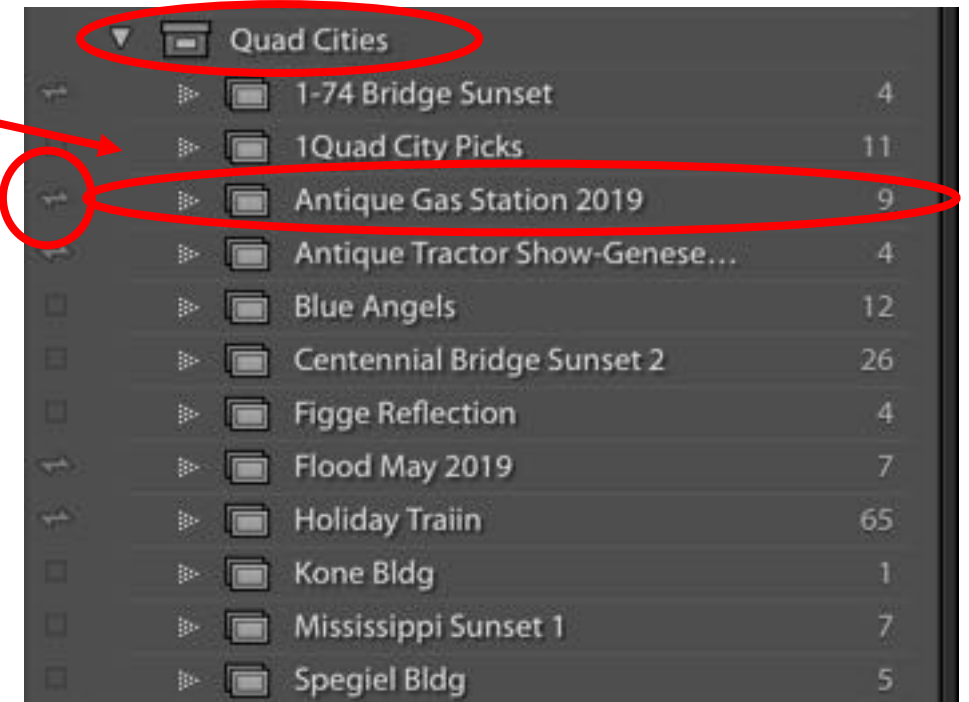
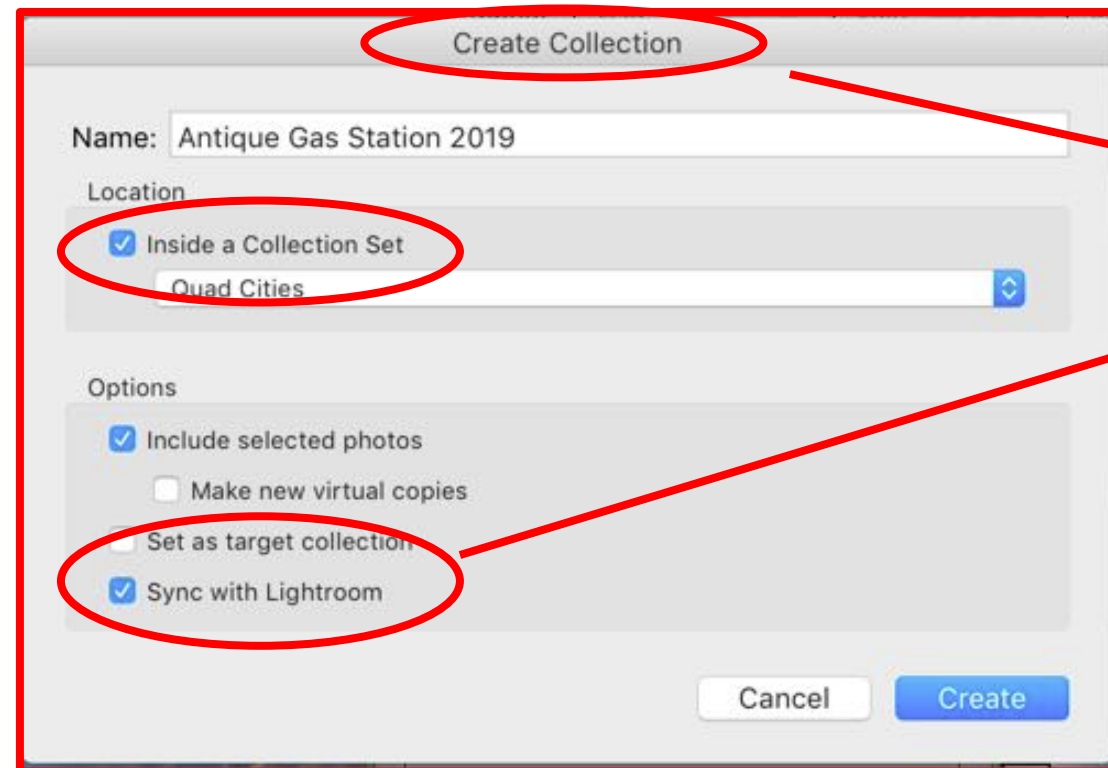
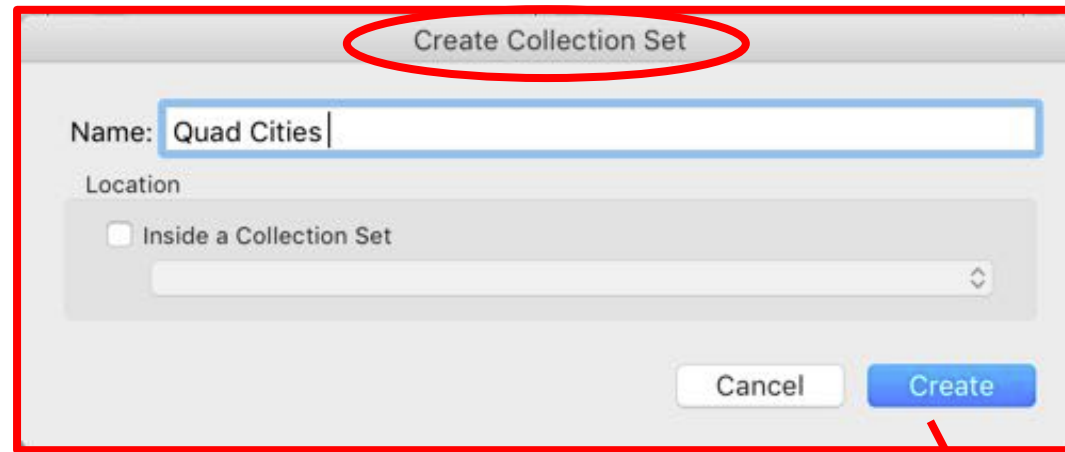
Collection---

- Contains images
- Can be inside a Collection Set
 - Think of it as the papers inside of a file folder
- **Must** be used to sync with Lightroom Mobile/Lightroom

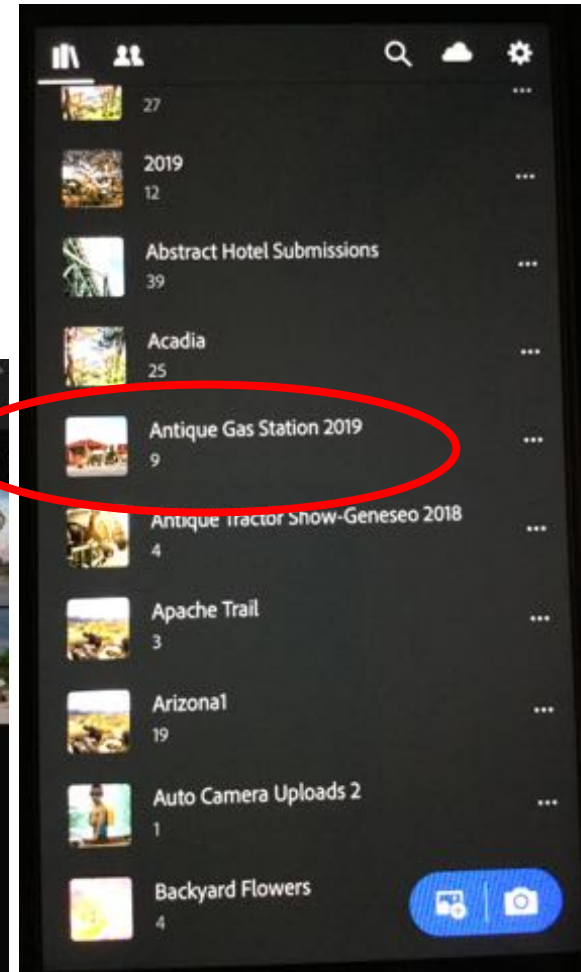
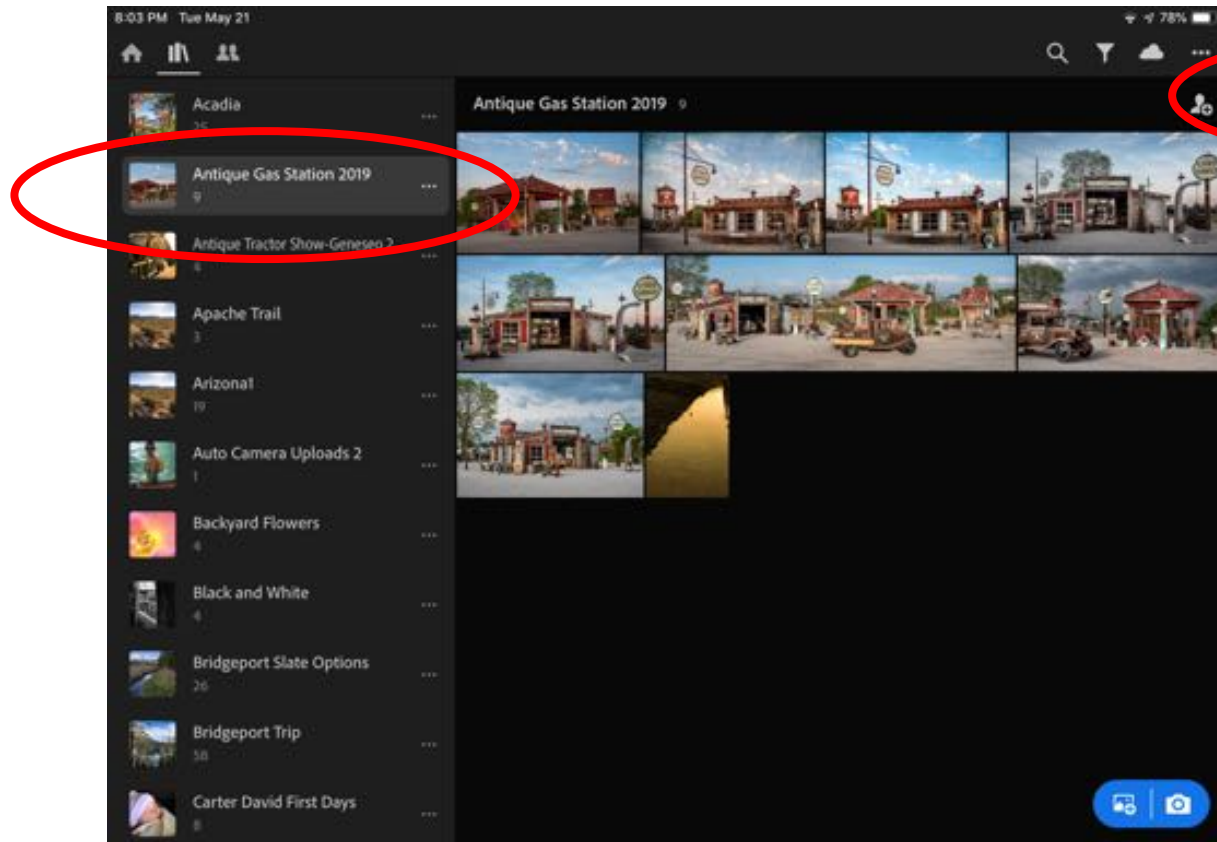
Collections



Collections



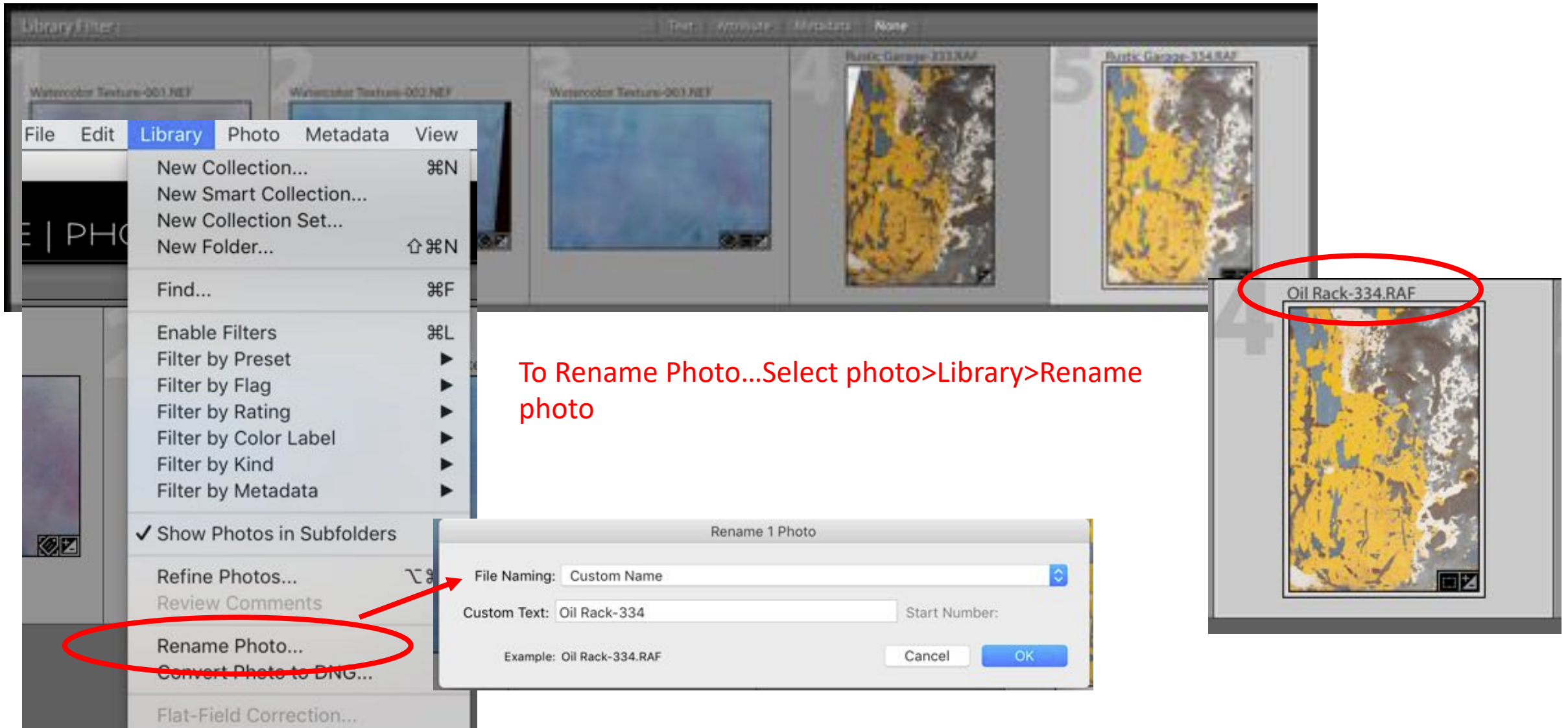
Collections



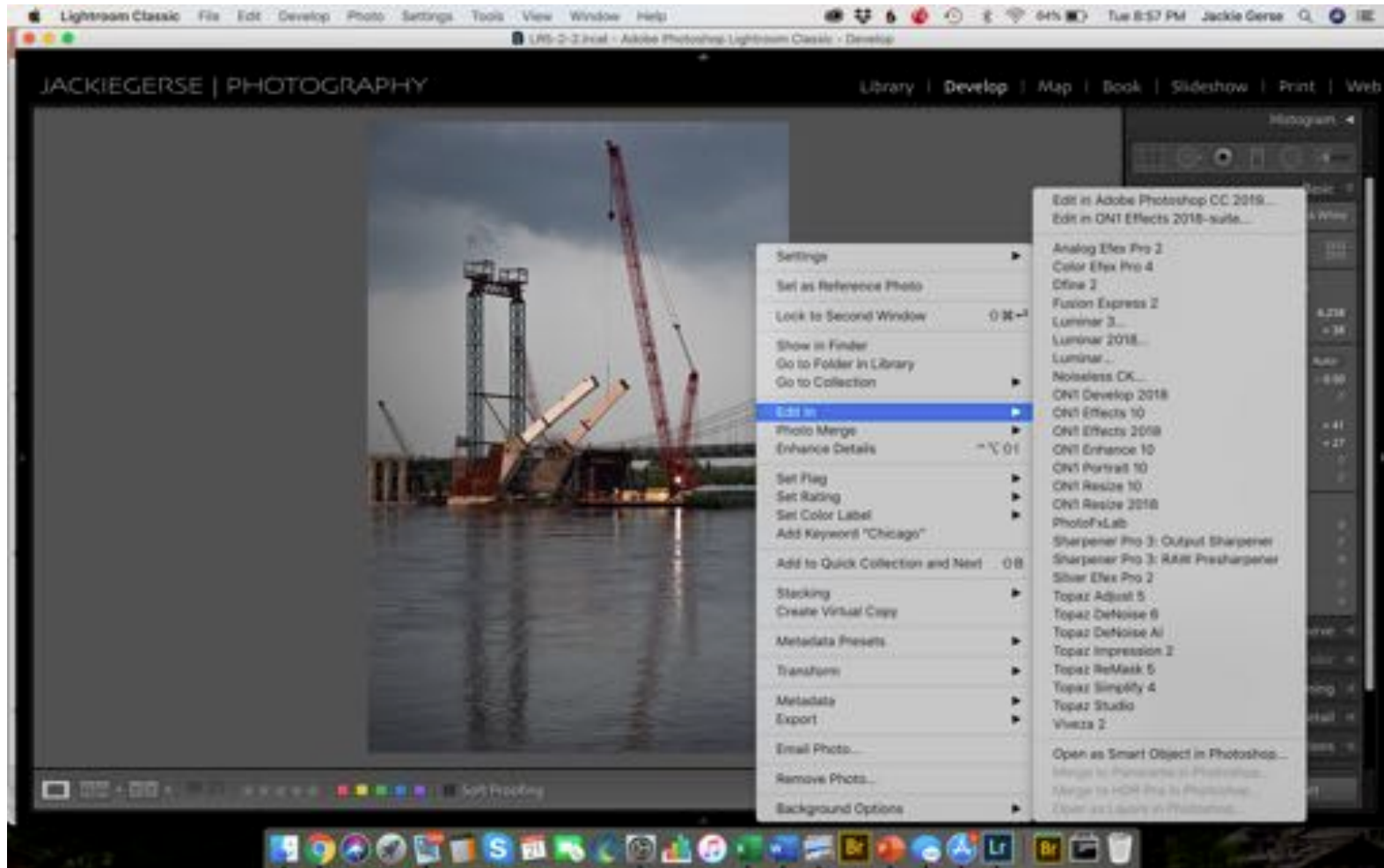
When a collection is sync'd

- The collection will be visible and editable in Lightroom Mobile Apps
 - On smart phone
 - Or Tablet

Renaming Image



Edit In

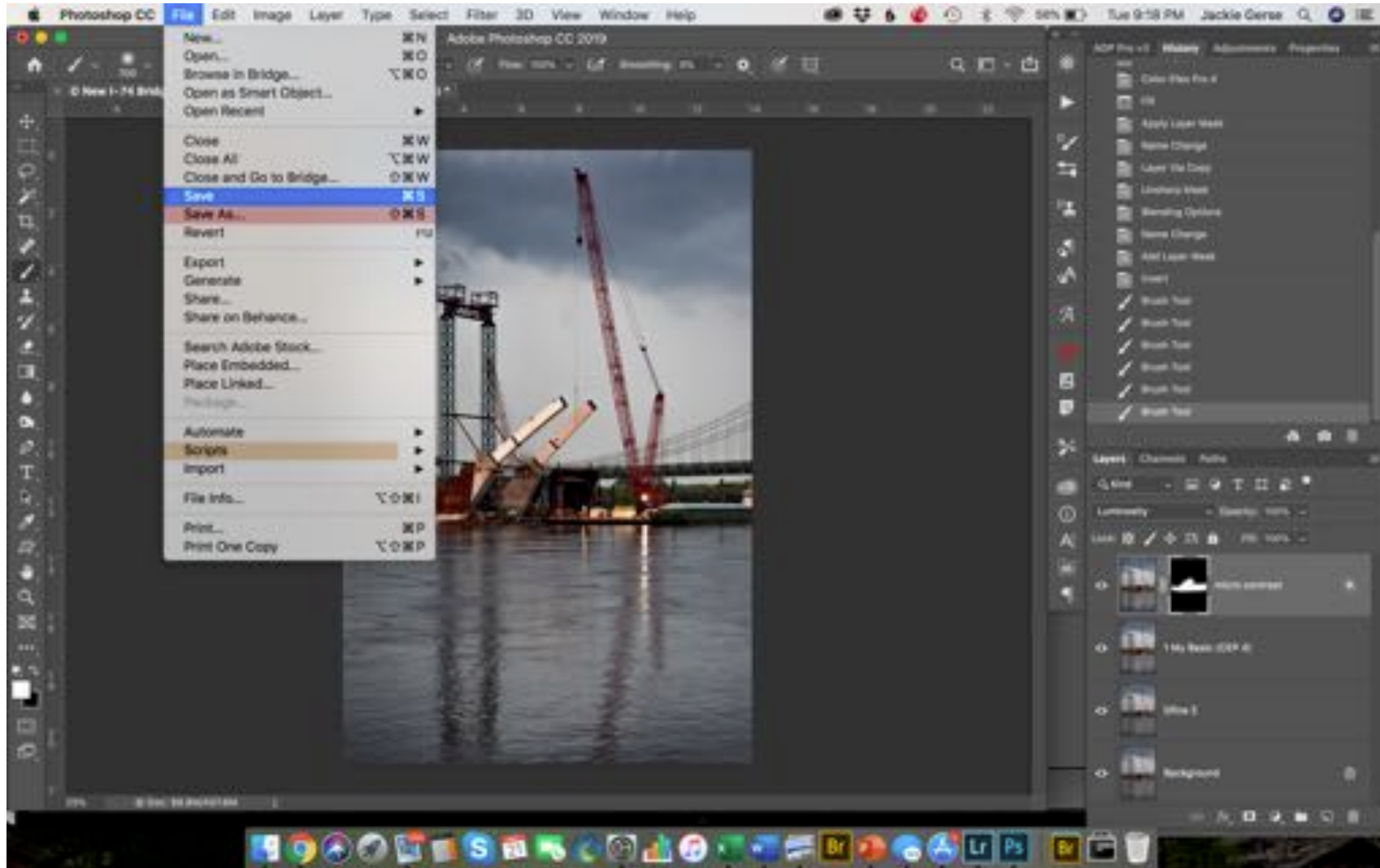


To edit in other software...

- Right click on image (either in Library or Develop Module)
- Edit In>Photoshop 2019 (or software of your choice)

Another way to move a photo to Photoshop CC is
Commd (Contl) + E

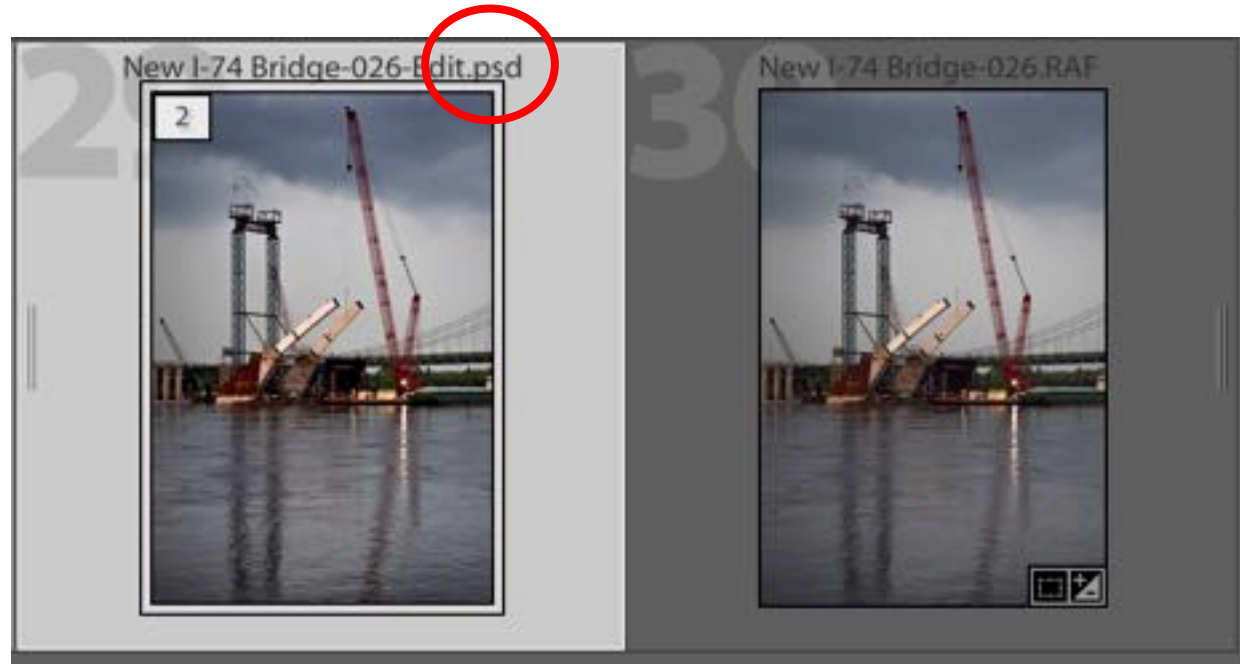
Photoshop to Lightroom



Complete edit in
Photoshop

- To return edit to
Lightroom Classic
 - Command + S
 - (Save)

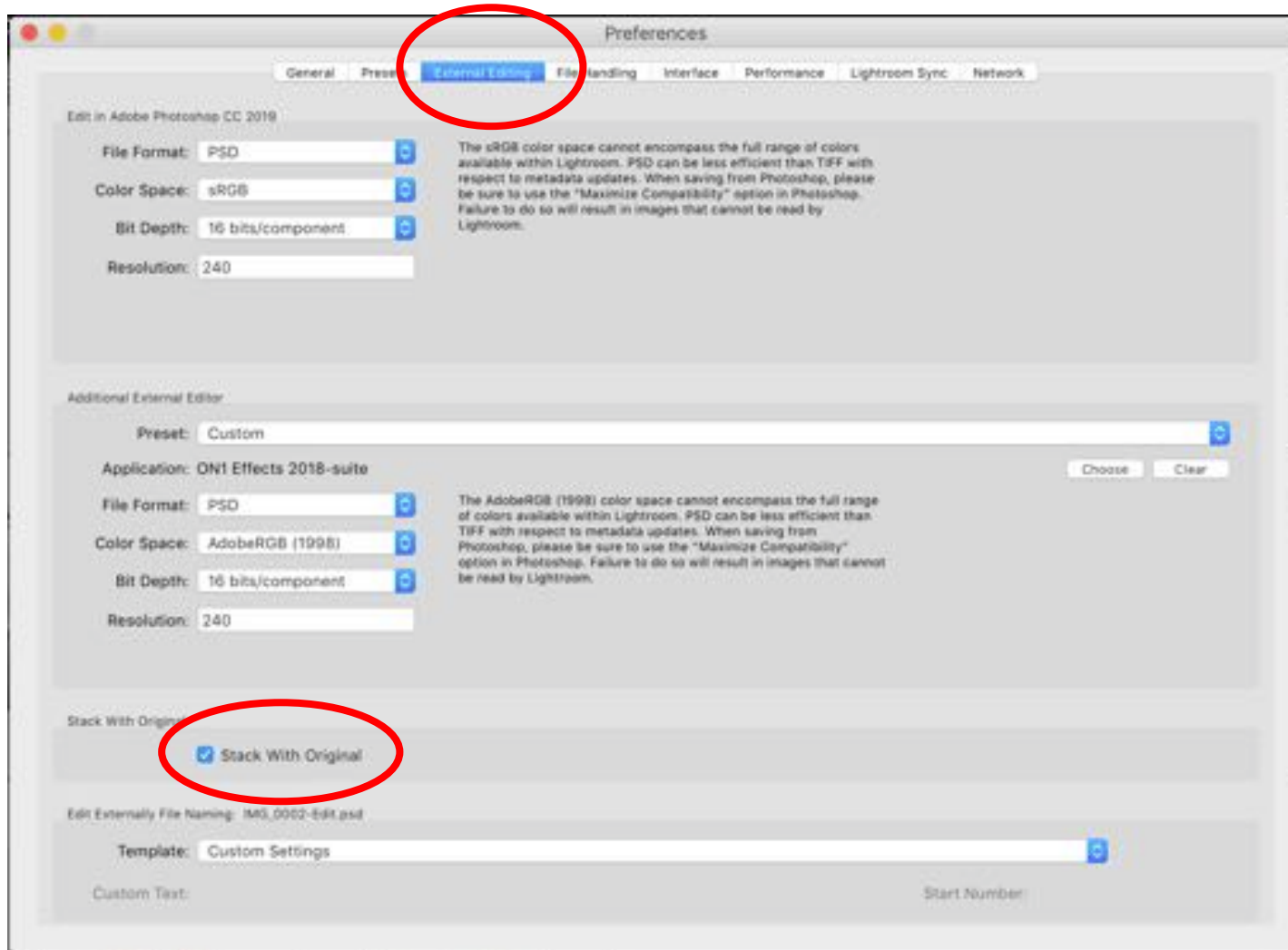
Photoshop to Lightroom



Back in Lightroom Classic

- Photoshop Edit will be saved next to the Lightroom version of the image as a .psd or .tif
- The Photoshop edit initially appears highlighted

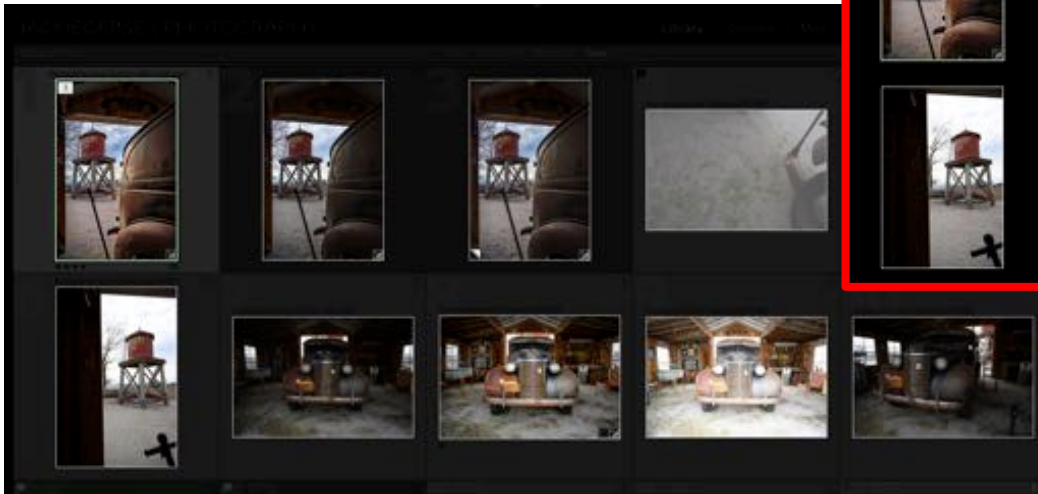
Photoshop to Lightroom



To get Photoshop edit to stack next to the original in Lightroom Classic

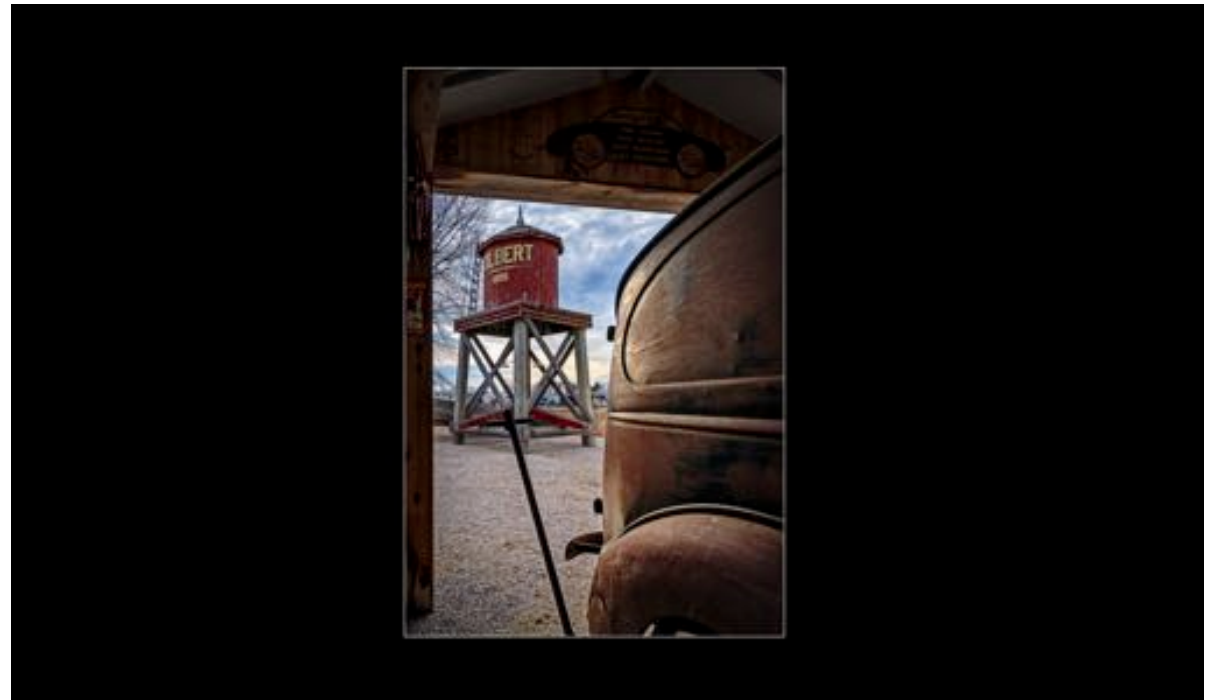
- Preferences>External Editing>Stack with Original

Lights Out



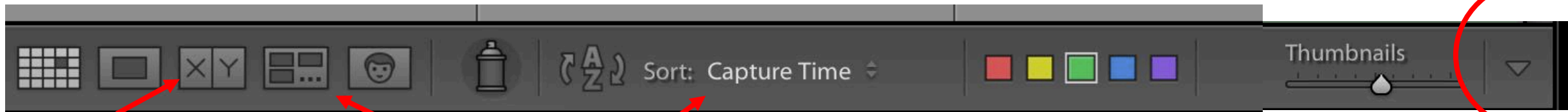
Sometimes it can be easier to view an image with a dark surrounding.

To Turn the “lights out”... click the L key once to dim the background lights. Click L again to make the background black. To turn the lights back on click the L one more time.



The Interface—Library Module

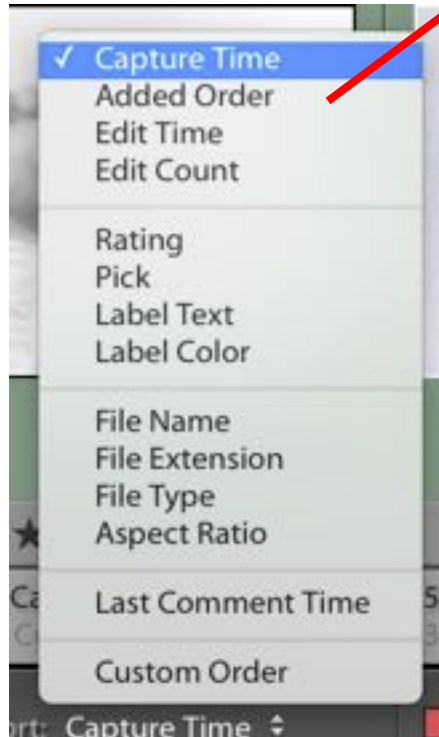
Bottom Tool Bar—Grid View



Compare View

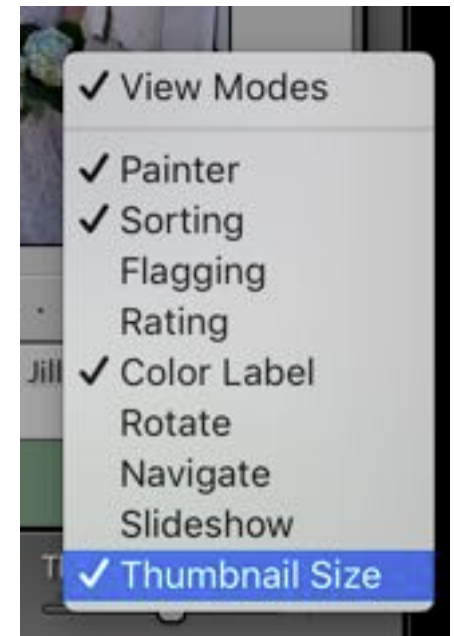
Survey View

Hover over each to see what they are and their keyboard shortcut



You can choose what shows in this bar by clicking on the arrow on the right end of the bar and checking the options you want to see

You can have different options in the grid and loupe view even though they are both in the Library Module



Library—Bottom Bar

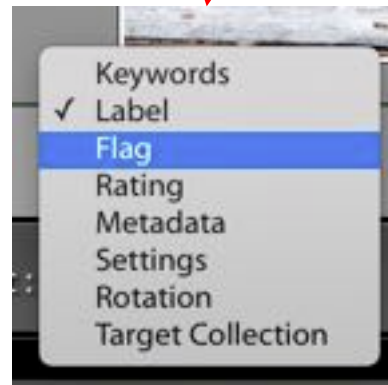


Paint



- Select the spray paint can
- Option panel will open
- Select which option to spray onto image

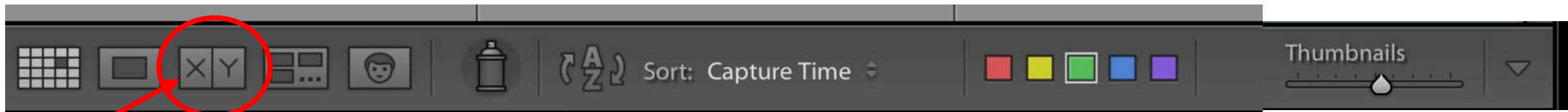
Works well when images that need the same details are sprinkled throughout instead of located close to each other.



- Have an image or images highlighted
- Click the color to rate the image(s) that are highlighted
- You can also use keyboard short cuts to apply rating
 - 6=red
 - 7=yellow
 - 8=green
 - 9=blue
 - Purple doesn't have one

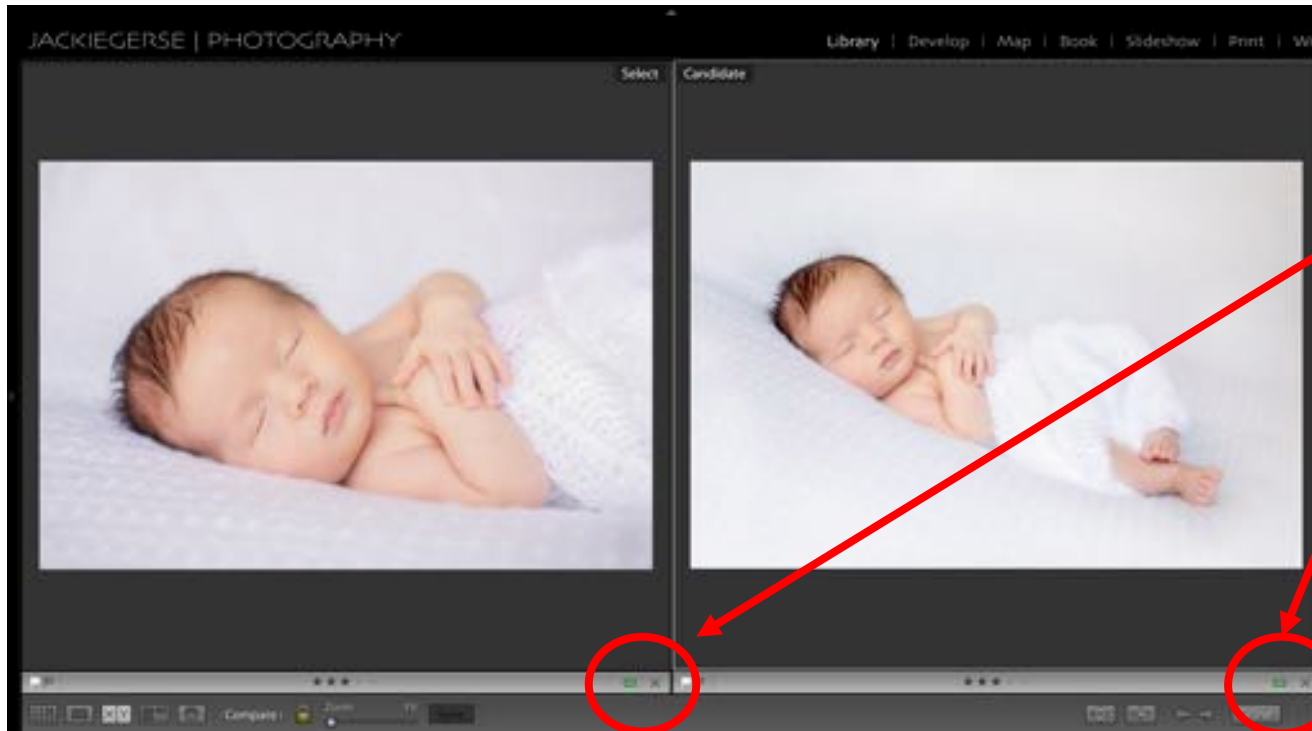
The Interface—Library Module

Bottom Tool Bar—Grid View—Compare View



Compare View

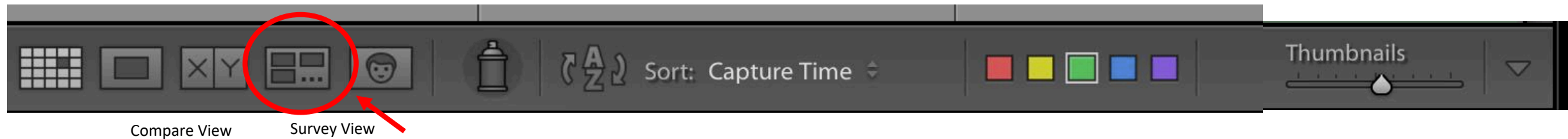
Survey View



- Select the 2 images to compare
- Click x for the one that doesn't make the cut
- The next image will come into the candidate side while the un-"X"ed one will move to the select side
- And so on

The Interface—Library Module

Bottom Tool Bar—Grid View—Survey View



While in survey mode

- Bottom left corner—flag pick/reject
- Bottom right corner—X out of survey group

The Interface—Develop Module

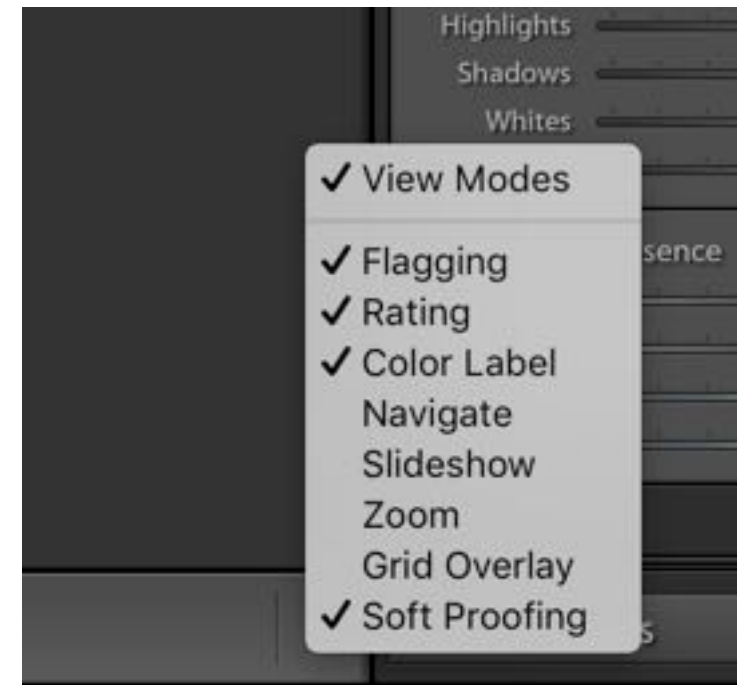
Bottom Tool Bar



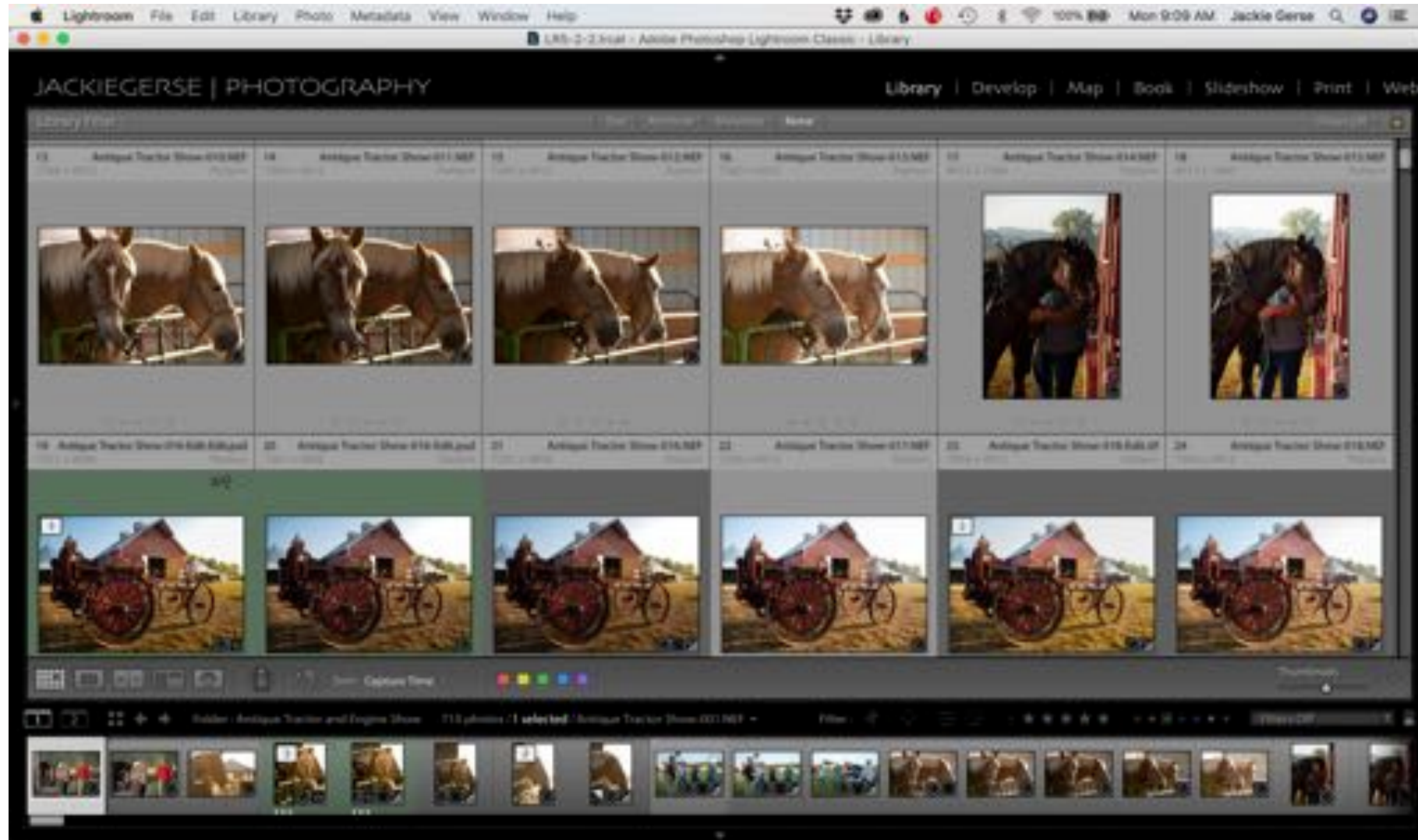
Reference View

Before/After View

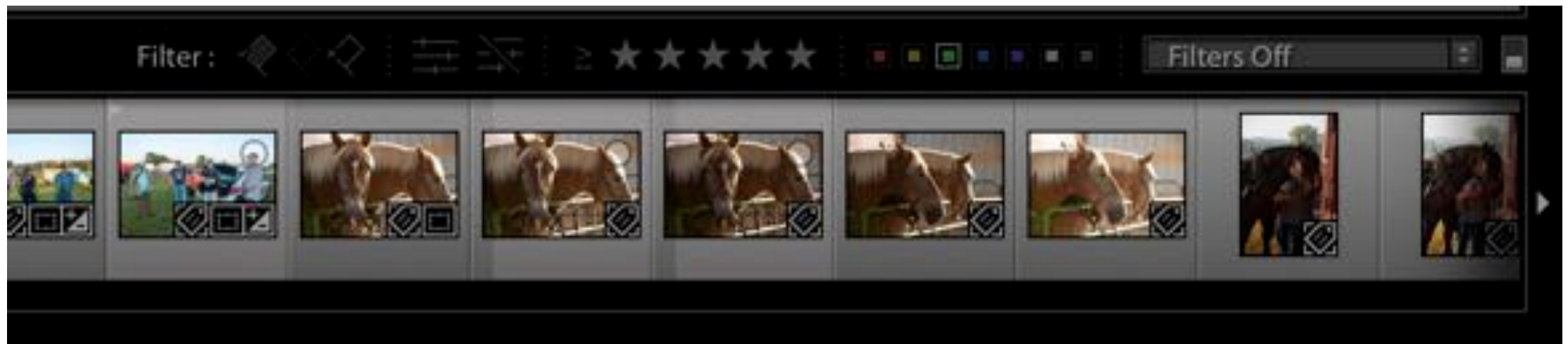
You can choose what shows in this bar by clicking on the arrow on the right end of the bar and checking the options you want to see



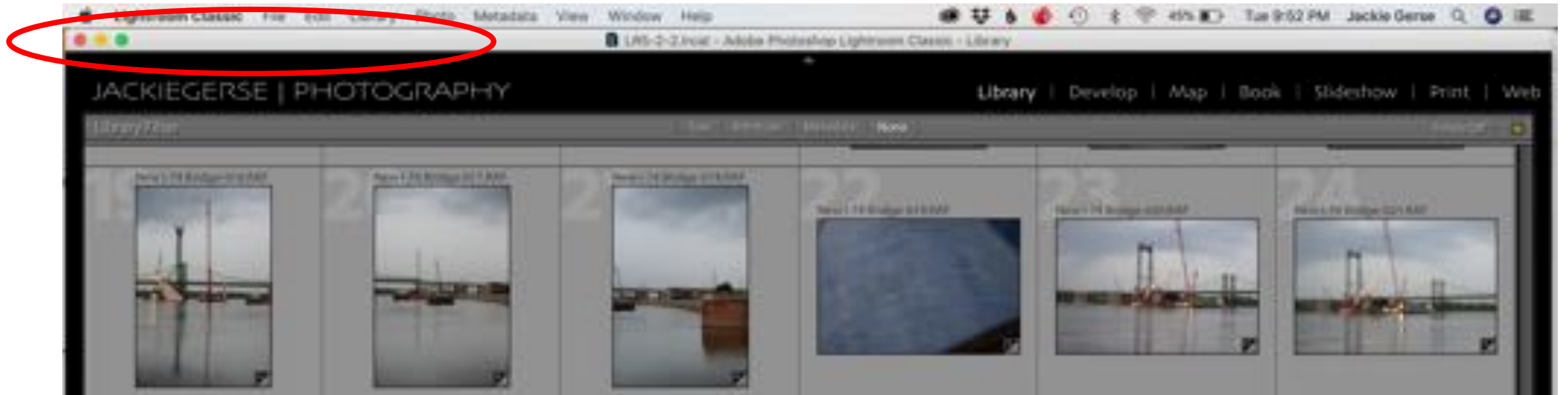
Interface-Filmstrip



Interface-Filmstrip



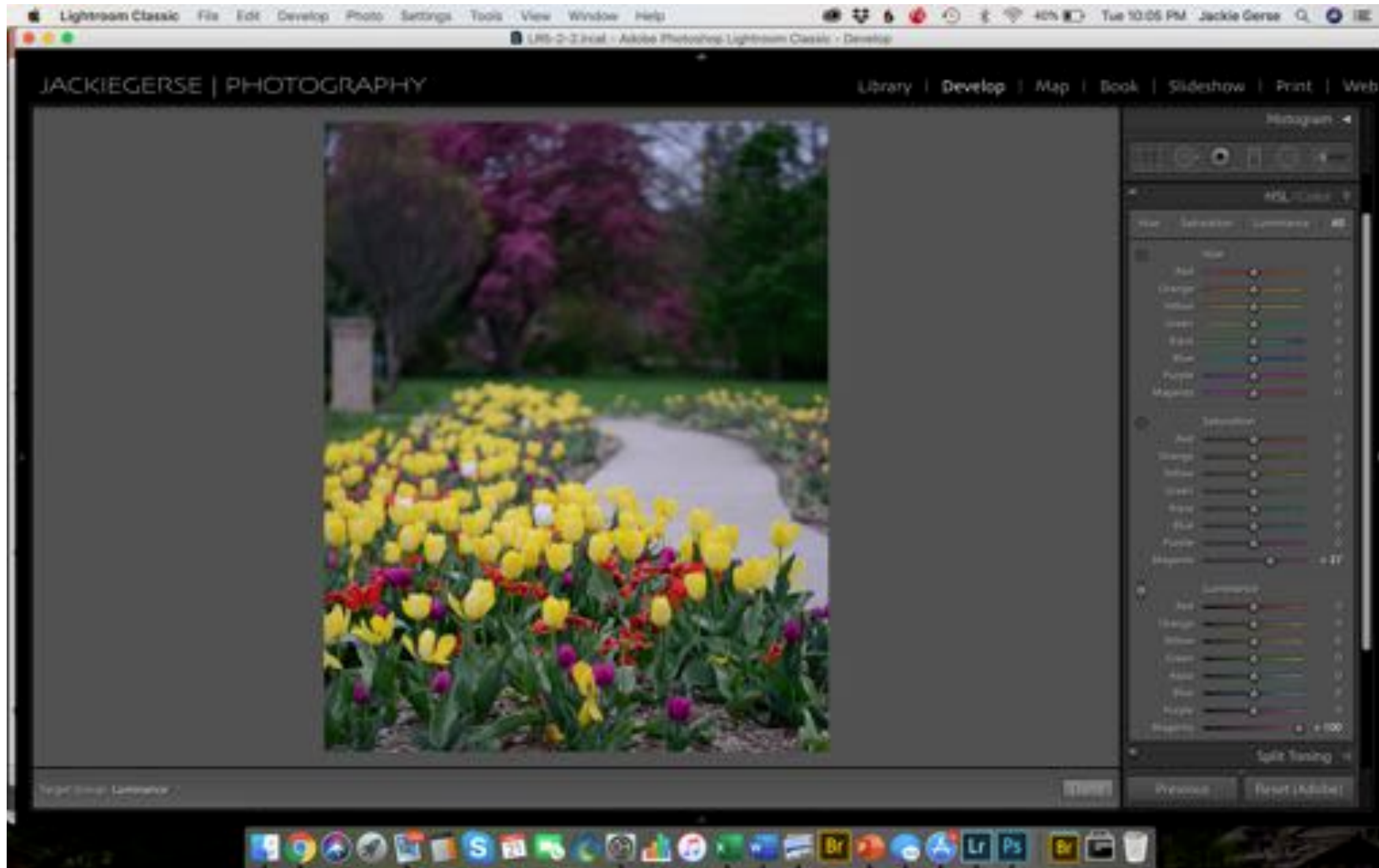
Troubleshooting



If the minimize/maximize bar disappears....

- Shift + F ...to get it back

HSL--Panel



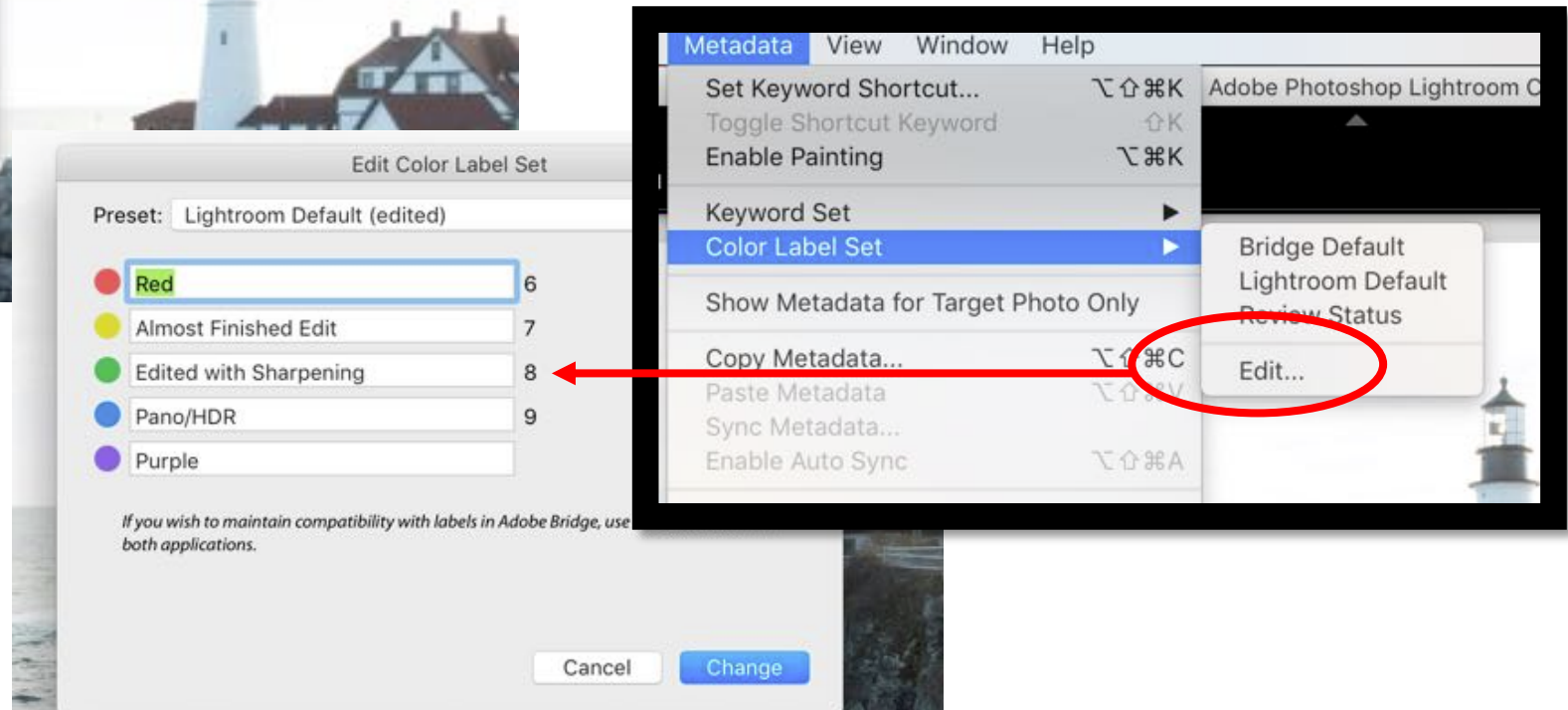
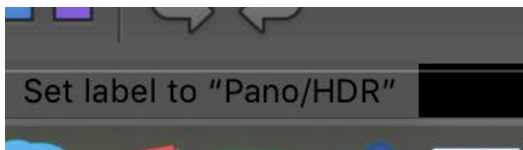
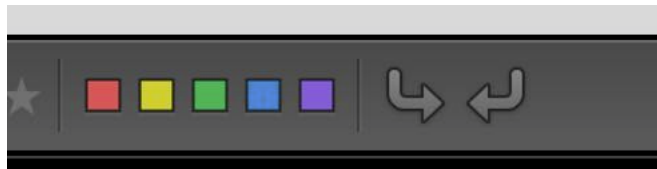
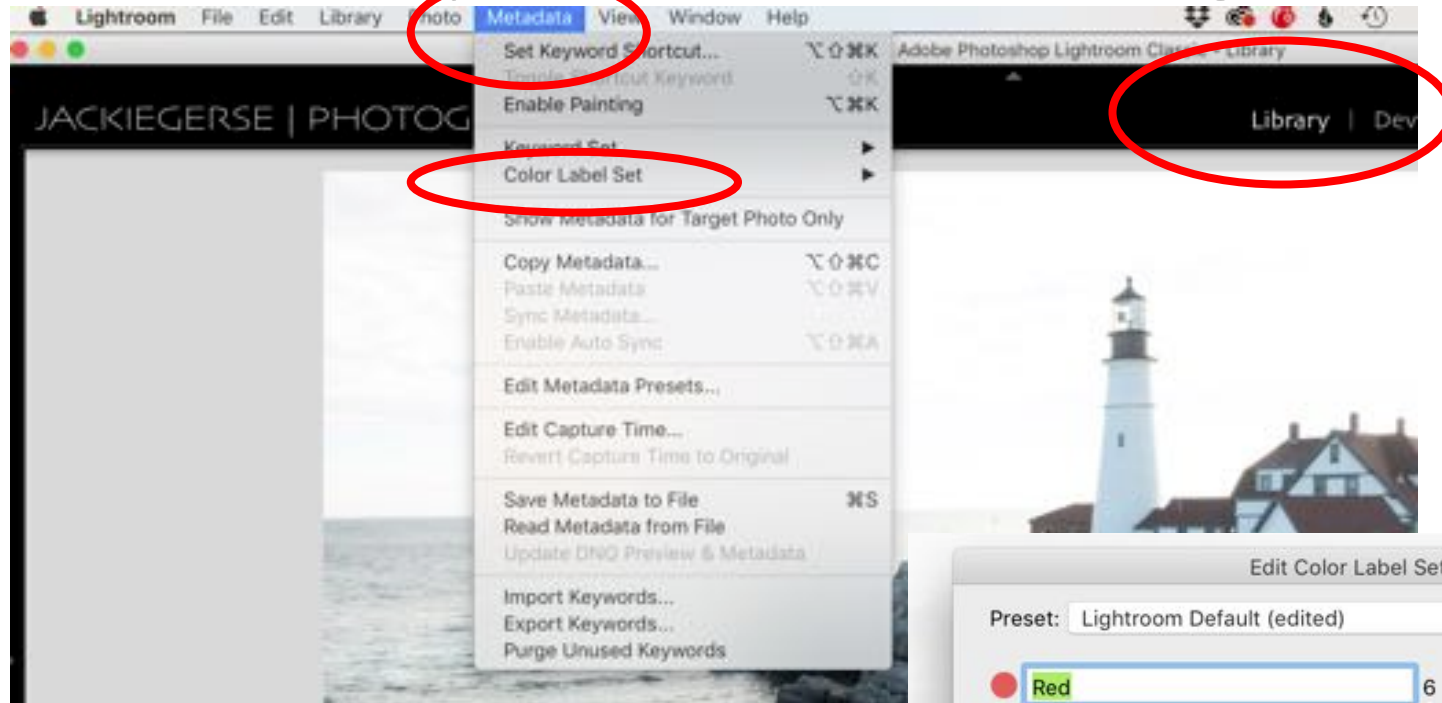
- HSL panel can be viewed as individual Hue, Saturation, or Luminance Panels or all in one as seen here.
- Hue shifts the color tone
- Saturation can add or subtract saturation
- Luminance lightens and darkens
- Use the “target adjustment” tool by clicking on the tool and then scrubbing up or down on the color to be adjusted

Tone Curve Panel

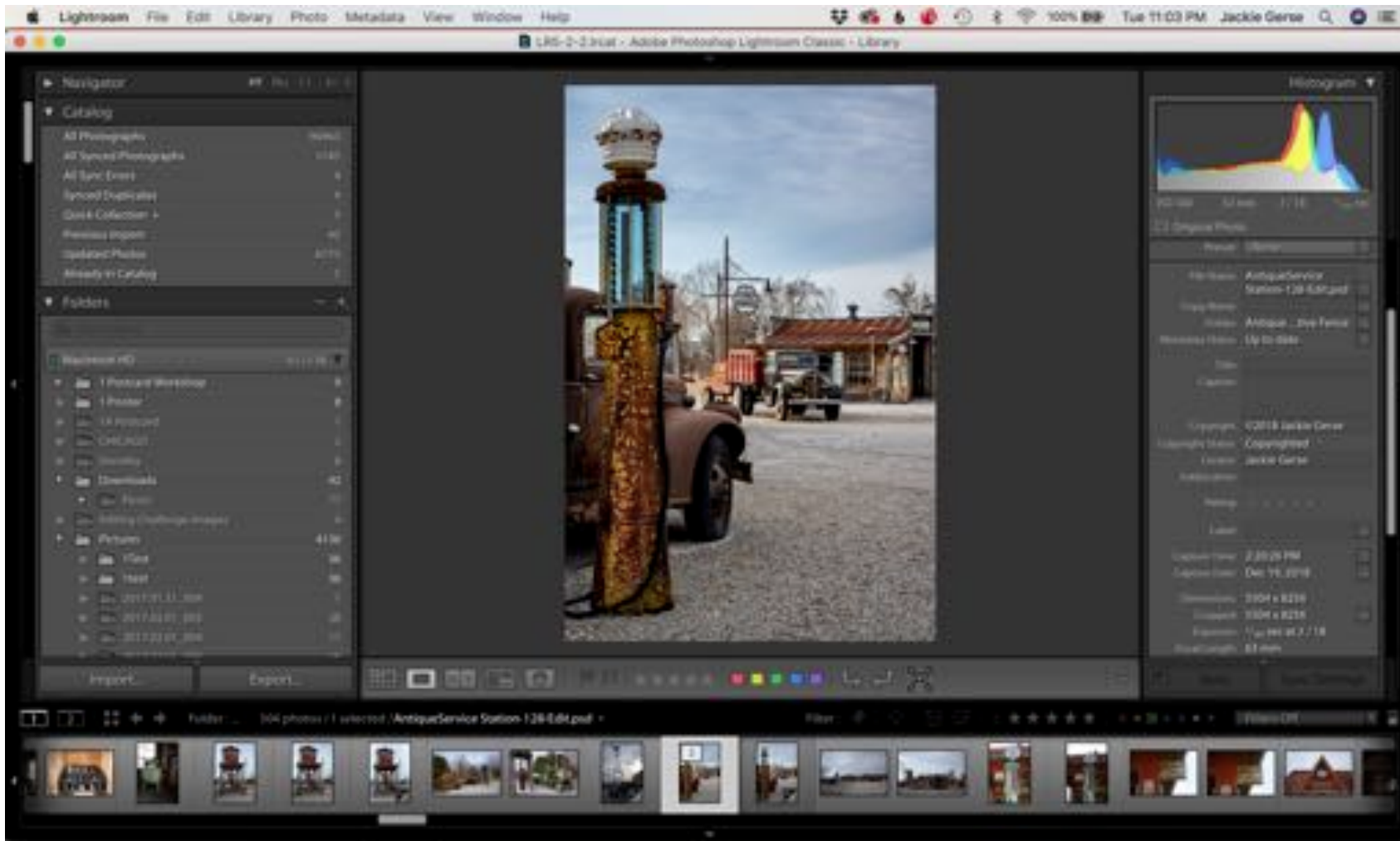
Library Module--Ratings

To assign a title to a color rating...

- Library Module
- Metadata
- Color Label Set
- Edit
- Type title next to color
- Click Change
- When you hover over color you will see description



The Interface



Interface-Library Module

Left Side Panel

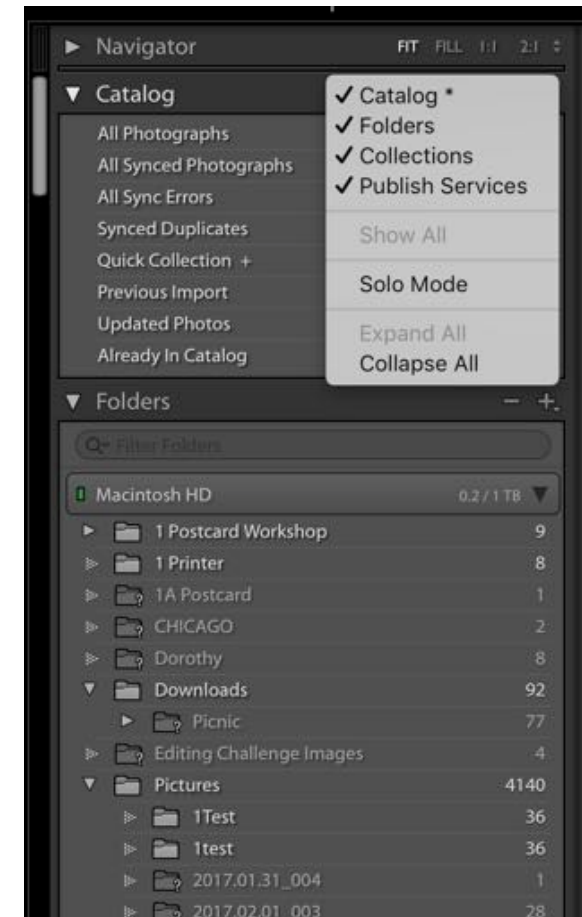
Closed View



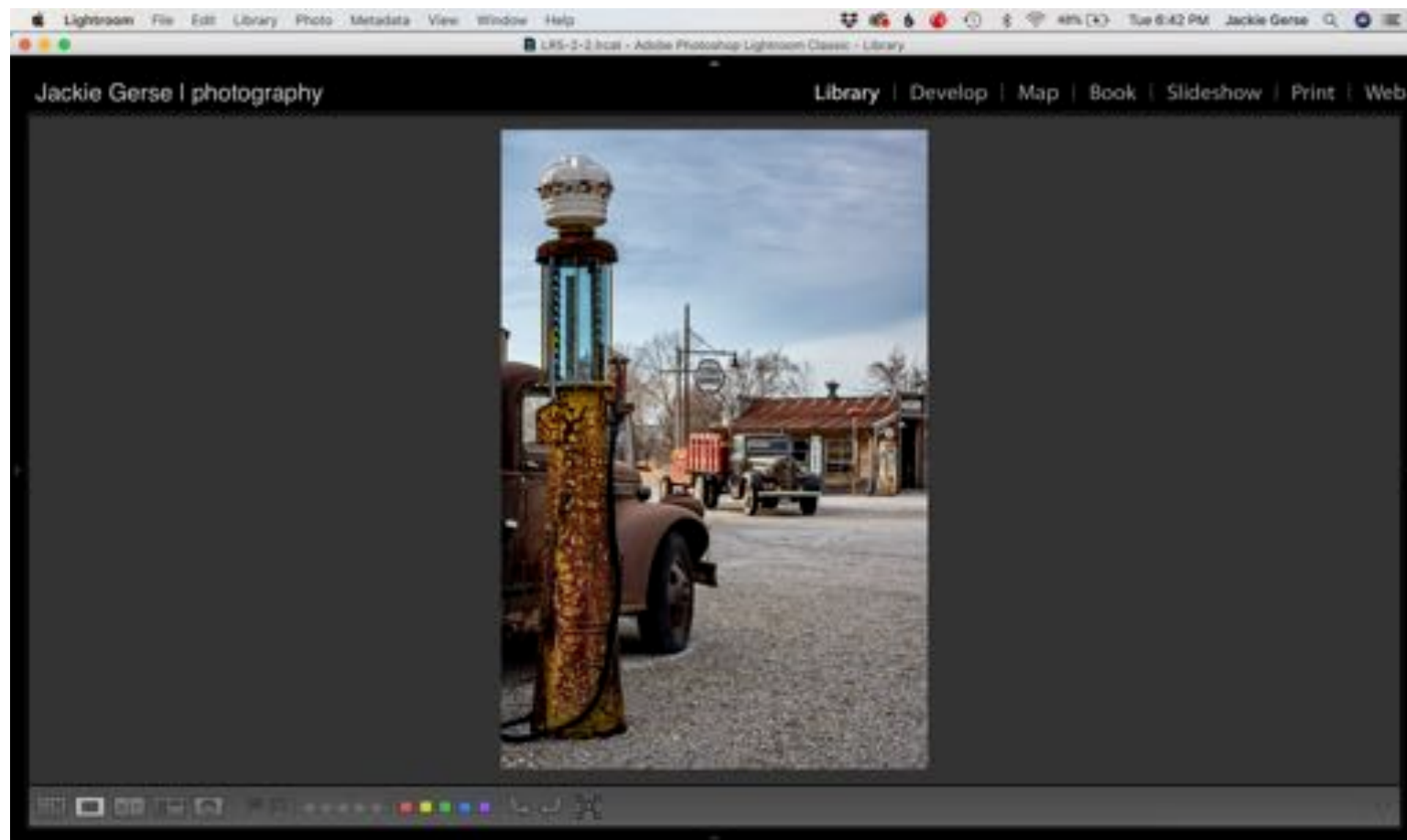
Right click –

- Options window will open
- Choose what you want to use
- Solo Mode

Open Panels



The Interface



Importing to Lightroom



Destination Panel

- Where do you want to store your image
- Find the main location and then the folder/sub folder
- If you need to create a sub folder then
- Check – Into Subfolder
- Type title of the new subfolder
- Organize-choose...Into one folder or By Date

