Lightroom Classic **Camera to Print** Part 1B: Library Module

Dennis Fritsche 2021

Lightroom by Dennis Fritsche

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Purpose of the Course

- This course concentrates on the Library, Develop, and Print modules of Lightroom Classic. We explore the power of the Library module to help mange your photographs, the basic and advanced techniques to refine your images in the Development module, and the details of outputting to paper from the Print module.
- After these sessions, you should be able to decide if Lightroom is for you and should be able to start using it.
- You will not be proficient, and you will have to practice, practice, practice.

Course Outline

- Lightroom Basics
- The Library Module
 - Understand the Catalog
 - Organize your photographs
 - Import photographs
 - Collections
- The Development Module
 - Fundamentals
 - Basic Adjustments
 - Local adjustments and Masking
 - Examples
- The Print Module
 - Setup
 - Printing

Points to Remember

- You are in charge.
- Your image files are stored in the file structure you define.
- The LR Catalog contains information about your image files.
- Your RAW files are never changed.

Raw Files Are Never Changed

- If you use the RAW format from your camera manufacturer, your RAW files are not changed.
- If you convert to DNG (Adobe RAW definition) or if your camera uses DNG, changes are written to the DNG file.
- For jpeg, tiff, png, and psd you configure if changes are written to the file.

Preview

- When you see an image in LR, you are seeing a preview of the file with the edits you wish to make.
- The edits are stored in the catalog and optionally in an xmp sidecar file.
- The edits are not incorporated until you make a new version in a different format
 - Print
 - Export as a different file type, e.g., jpeg or tiff
 - You edit the image in an external program such as Photoshop and it is returned to LR as a different format – e.g., tiff or psd or jpeg or png
- Demo

Catalog and LR Preferences

You need to configure these

Catalog Settings General

Ca	talog S	Settings		×
	General	File Handling	Metadata	
	Inform	ation		
		Location:	C:\Users\denni\Pictures\Lightroom 7 Catalog - Dennis Unified Show	
		File Name:	Lightroom Catalog - Dennis Fritsche - v10.lrcat	
		Created:	10/21/2020	
		Last Backup:	3/23/2021 @ 3:51 PM	
	La	st Optimized:	3/23/2021 @ 3:50 PM	
		Size:	2.93 GB	
	Backup	-		
	1		Once a week, when exiting Lightroom $\qquad \qquad \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! $	
			OK Cancel	

Catalog Settings File Handling

Catalog Settings

General File Handling Metadata	
Preview Cache	
Total Size:	76 GB
Standard Preview Size:	2048 pixels 🛛 🖂
Preview Quality:	Medium 🗸
Automatically Discard 1:1 Previews:	After 30 Days 🛛 🗠
Smart Previews	
Total Size:	1 GB
Import Sequence Numbers	
Import Number:	152 Photos Imported: 0
	OK Cancel

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Catalog Settings Metadata

Catalog Settings

General File Handling Metadata
Editing :
✓ Offer suggestions from recently entered values Clear All Suggestion Lists
Include Develop settings in metadata inside JPEG, TIFF, PNG, and PSD files
Automatically write changes into XMP
Address Lookup
Look up city, state and country of GPS coordinates to provide address suggestions
Export address suggestions whenever address fields are empty
Face Detection
Automatically detect faces in all photos
EXIF
Write date or time changes into proprietary raw files.
OK Cancel

LR Preferences General

Preferences

Language:	andling Interface Perf	~			
Settings:	Show splash screen o	during startup			
Default Catalog					
When starting up use this catalog:	Load most recent catalo	g			~
mport Options (
Show import dialog when a memory	card is detected				
Select the "Current/Previous Import	collection during import				
Ignore camera-generated folder na	mes when naming folders				
Treat JPEG files next to raw files as	separate photos				
Replace embedded previews with st	andard previews during i	dle time			
Completion Sounds					
When finished importing photos play:	No Sound			\sim	
When tether transfer finishes play:	No Sound			~	Configure System Sounds
					Comgare System Soundarin
When finished exporting photos play:	No Sound			~	
The system sound scheme controls which sounds	are played for each event type.				
rompts	Γ	Reset all warning dialog	IS		

LR Preferences Presets

		Form			
~	rei	rer	en	IC es	
		-	~		

Master:	Camera Settings			arn More about Ra	aw Defaults			
Verri	de global setting for specifi	ic cameras						
Camera:	Canon EOS 5D Mark II		\sim	Camera	Model	De	efault	
	Show serial numbers			1 Nikon D2	х	NIk	on D2X	
				2 Nikon D2	X - 5023165	NIk	on D2X	
Default:	Camera Settings		~	3 Nikon D3	- 2028195	D3		
		C	reate Default		0 - 3032707		on D2X	
				5 Nikon D8	50 - 3000280	Cor	ntrast -35 bla	ck 0 wh
bility Show Pa	artially Compatible Develop	Presets		6 Nikon Z 6	5 - 3020503	Cor	ntrast -35 bla	ck 0 wh
	artially Compatible Develop) Presets		6 Nikon Z 6	5 - 3020503	Cor	ntrast -35 bla	ck 0 wh
Show Pa	artially Compatible Develop resets with this catalog) Presets			5 - 3020503 om Develop Presets		ntrast -35 bla I Other Lightroo	
Show Pa	resets with this catalog) Presets						
Show Pation	resets with this catalog		Export Presets	Show Lightroo		Show Al		
Show Pation	resets with this catalog	Restore E	Export Presets ename Templates	Show Lightroo	om Develop Presets	Show Al		
Show Pation	resets with this catalog	Restore E Restore File		Show Lightroo Restore	om Develop Presets e Keyword Set Prese	Show Al		
Show Pation	resets with this catalog	Restore File Restore Libr	name Templates	Show Lightroo Restore Restore	om Develop Presets e Keyword Set Prese tore Text Templates	Show Al		

LR Pre

fee l	ren	ces Ext	ern	al	Editing
General Presets E	External Editing File Handlin	g Interface Performance Lightroom Sync Display Networ	k		
Edit in Adobe Photos	hop 2021				
File Format:	TIFF \vee	16-bit ProPhoto RGB is the recommended choice for best preserving color details from Lightroom.			
Color Space:	ProPhoto RGB \sim				
Bit Depth:	16 bits/component $$				
Resolution:	360				
Compression:	None 🗸				
– Additional External Ex Preset:	ditor Custom			~	
Application:					
	Color Efex Pro 4.exe		Choose	Clear	
File Format:		16-bit ProPhoto RGB is the recommended choice for best preserving color details from Lightroom.	Choose	Clear	
		The first A sector	Choose	Clear	
Color Space:	TIFF V	The first A sector	Choose	Clear	
Color Space:	TIFF ∨ ProPhoto RGB ∨ 16 bits/componen! ∨	The first A sector	Choose	Clear	
Color Space: Bit Depth:	TIFF ✓ ProPhoto RGB ✓ 16 bits/component ✓ 360	The first A sector	Choose	Clear	
Color Space: Bit Depth: Resolution: Compression:	TIFF ✓ ProPhoto RGB ✓ 16 bits/component ✓ 360	The first A sector	Choose	Clear	
Color Space: Bit Depth: Resolution:	TIFF ✓ ProPhoto RGB ✓ 16 bits/component ✓ 360	The first A sector	Choose	Clear	
Color Space: Bit Depth: Resolution: Compression: Stack With Original	TIFF \ ProPhoto RGB \ 16 bits/component \ 360 \ None \ Stack With Original	The first A sector	Choose	Clear	
Color Space: Bit Depth: Resolution: Compression: Stack With Original Edit Externally File N	TIFF \vee ProPhoto RGB \vee 16 bits/component \vee 360 \vee 360 \vee Stack With Original \vee Jaming: IMG_0002-X.psd	The first A sector	Choose	Clear	
Color Space: Bit Depth: Resolution: Compression: Stack With Original Edit Externally File N	TIFF \vee ProPhoto RGB \vee 16 bits/component \vee 360 \vee 360 \vee 360 \vee Stack With Original \vee Iaming: IMG_0002-X.psd Custom Settings \vee	The first A sector		Clear	
Color Space: Bit Depth: Resolution: Compression: Stack With Original Edit Externally File N Template:	TIFF \vee ProPhoto RGB \vee 16 bits/component \vee 360 \vee 360 \vee 360 \vee Stack With Original \vee Iaming: IMG_0002-X.psd Custom Settings \vee	The first A sector		Clear	

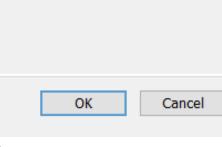
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OK Calicer

LR Preferences File Handling

General	Presets	External Editing	File Handling	Interface	Performance	Lightroom Sync	Display	Network	
Import	DNG Creat	ion (
			F	ile Extension:	dng	N	1		
					_		_		
			J	PEG Preview:	Medium Size	X	1.		
					Embed Fa	st Load Data			
					Embed Or	iginal Raw File			
Deedie									
	g Metadata								
	Treat Vias	s a keyword separa	ator	and forward	slash separated l	g metadata Lightroor keywords as keywor	rd hierarchie	es instead	
	Treat '/' as	s a keyword separa	ator			l bar (), less than (< as hierarchy separato		er than (>)	
Ela Na	Concern								
File Na	me Generat	ion.				_			
Tr	eat the fo	llowing characters	as illegal: /:	*?"<> :	¥	\sim			
Re	place illegi	al file name charac	ters with: Da	shes (-)		×**			
	W	nen a file name has	s a space: Le	ave As-Is		\sim			

Restart Lightroom Classic



LR Preferences Interface

Preferences

General Presets External Editing File Handling Interface Performance Lightroom Sync Display Network		
Panels End Marks: None (default) V Font Size: Automatic (default) V		
End Marks: None (default) V Pont Size: Automatic (default) V		
Lights Out Screen Color: White V Dim Level: 80% (default) V		
Background		
Main Window Secondary Window		
Fill Color: White \checkmark Medium Gray (default) \checkmark		
Keyword Entry		
Separate keywords using: Commas \checkmark Spaces are allowed in keywords		
Auto-complete text in Keyword Tags field		
Filmstrip		
Show badges Show photos in navigator on mouse-over		
Ignore clicks on badges Show photo info tooltips		
Show ratings and picks Show Index Number		
Show stack counts		
Tweaks		
Zoom clicked point to center Use system preference for font smoothing Note: Font smoothing changes take effect upon restar	tinglichtman	
Show Auto Sync notifications	ung Lightroom.	
Note: Font changes take effect upon restarting Lightroom.		
Restart Lightroom Classic	ОК С	Cancel

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LR Preferences Performance Preferences

General Presets	External Editing	File Handling	Interface	Performance	Lightroom Sync	Display	Network	
Camera Raw								
Use Graphics	Processor : Au	to 🖂 Lear	n More					System Info
6.73	GeForce GTX 1070 tem automatically sup							
Camera Raw Cad	he Settings							
Locatio	on: C:\Users\denni	i\AppData\Local	\Adobe\Car	meraRaw\Cach	=2\			Choose
Maximum Siz	ze: 100.0 GB							Purge Cache
Video Cache Setti	ings :							
Limit video	o cache size				Maximum Siz	ze: 20.0	GB	Purge Cache
Develop ·								
	over preview of pre	esets in Loupe						
Use Smar	t Previews instead	of Originals for	image editir	ng				
This will allow	w increased performanc	e, but may display o	lecreased qual	ity while editing. Fir	al output will remain f	full size/qual	ity:	
Catalog Settings								
Some settings	s are catalog-speci	fic and are chan	iged in Cata	log Settings.		Oţ	otimize Catalog	Go to Catalog Settings
Preview Generation	on Settings							
Generate	Previews in paralle	el						
More Performanc	ce Tips							
estart Lightro	om Classic							OK Cancel

LR Preferences Liahtroom Sync Preferences

eneral	Presets	External Editing	File Handling	Interface	Performance	Lightroom Sync	Display	Network	
Accour	nt								
		Adobe ID:	DENNISFRITS	CHE@VERIZ	ON.NET				
		Namer	Dennis Fritsche	_					
		Name.	Dennis i ritsch	-					
		Status:	Subscribed					Renew	
		End date:							
		Uploads:	455 photos sy	nced				Delete All Synced Data	
		op.oudor	100 prio 000 0 ji						
					More Acco	ount Info Online			
0									
Option		system sleep durin	a svoc						
\checkmark	Frevence	system sleep durin	g sync						
Locatio	on .								
	Specify lo	cation for Lightro	om's Synced ima	ges:					Choose
	-								
	Use subto	olders formatted b	y capture date:					2021/05-08	\sim
▶ Sy	ync Activit	y (5 Uploading,	0 Downloading,	12 Pending)				
estart	t Lightroo	om Classic						OK	Cancel

LR Preferences Display

Preferences

Choose monitor for secondary window				File Handling	Interface	Performance	Lightroom Sync	Display	Network		
Lightroom is already open on this monitor. Please select another monitor.	Choo	se monito	or for secondary w	vindow							
							b				
		Lightroom	n is already open o	on this monitor.	Please sele	ct another moni	tor.				
start Lightroom Classis											

LR Preferences Network

Preferences

General Presets External Editing File Handling Interface Performance Lightroom Sync Display Network

Proxy Server Settings

Password:

Username:

Consult with your network administrator if you need to configure a proxy server.

Restart Lightroom Classic

[ОК	Cancel

Exploring the Library Module

- Help and Shortcuts
- Left Panel for navigation and collections
- Right panel Quick Develop, Key wording and meta data
- Film strip and navigation bar
- Views
- File sort order
- Library Filter \bullet

Finding Files