Lightroom

Northern Exposure
Photographers Group Inc.

Paul Sauter 16 July 2016

Intro Lightroom

- **WELCOME!**
- **Paul Sauter - NEPG**

LR - Disclaimer

- **My own view and workflow – many other opinions**

- **I'm not a geek!**

  "someone who is interested in a subject (usually intellectual or complex) for its own sake"

- **I'm still learning too!**

- **Windows, but very similar for Mac**

LR – Contents

- **Lightroom? Why?**
- **RAW and JPEG: a reminder;**
- **Where are my Files, Folders, Catalogues, Importing??**
- **Develop**
- **Exporting and Printing**
- **Photoshop**

LR? – Why?

- **Previously Camera Raw + Photoshop/EL**
- **Now Lightroom (+ Photoshop)**
- **Easy move between the two**
- **"Easy" to use**
- **Non-destructive**
- **Lightroom Mobile, Web, Facebook**
- **Good deal for LR+PS**
- **KISS!**

LR – Software

- **LR+PS through Adobe Creative Cloud: $12/m, $144/yr**
- **LR6 $205**
- **Elements $130**
- **Pros:**
  - updates, cheap PS
- **Cons:**
  - stops when payments stop (but maybe only for PS?)

LR – RAW-JPEG

- **use RAW!**

  - **better tonal range**

  - **better White Balance adjustments**

  - **set your camera to RAW or RAW+JPEG**

  - **bigger files, need processing**

  - **also, set camera Color Space to AdobeRGB (not sRGB)**

LR – start

Open Lightroom

- **from CC**
  - only when on-line!

- **from desktop shortcut**
  - always

LR - screen

- **Screen Layout**
  - **tabs: Library – Develop – Print**
  - **bottom L: Import - Export**
  - **and others**

LR – file handling

- **Where are my images (CR2/NEF/jpg)?**
- **on C:\drive (My) Pictures folder**
- **or on separate drive**
- **regardless of software!**
- **leave them there!**

LR – file handling

- **LR is non-destructive, links ("import") to a (RAW) file, rather than opening**

- **linking and editing info in database (Lightroom Catalog.lrcat)**

- **thumbprints in Lightroom Catalog Previews.lrdata**

- **on C:\Users\Owner\Pictures\Lightroom**

  - **(or external)**

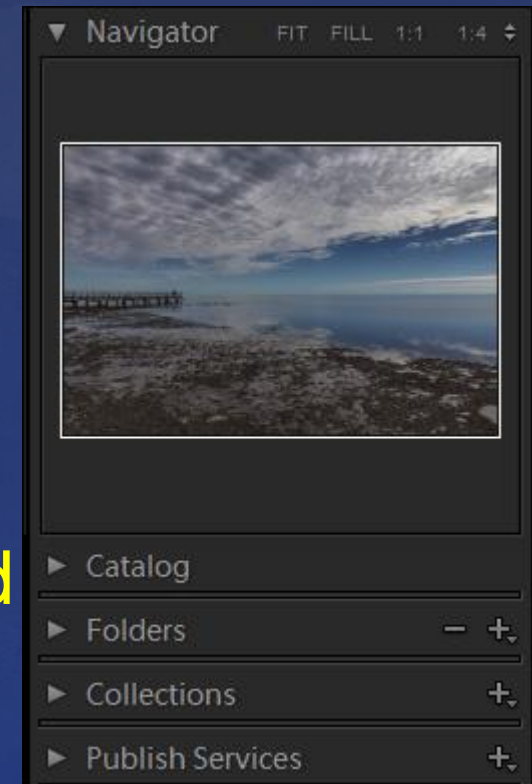- **leave them, only need one Catalog!**

LR – file handling

- **make backup of RAW files to external drive or Cloud**

- **make backup of Catalog to external (LR will ask)**

- **move photos using LR!**

LR – Library

- **Navigator**
- **Catalog (database)**
- **Folders (where the images linked to LR are stored)**
  - shows "?" when previously imported but now not connected (or renamed)
- **Collections (like albums)**
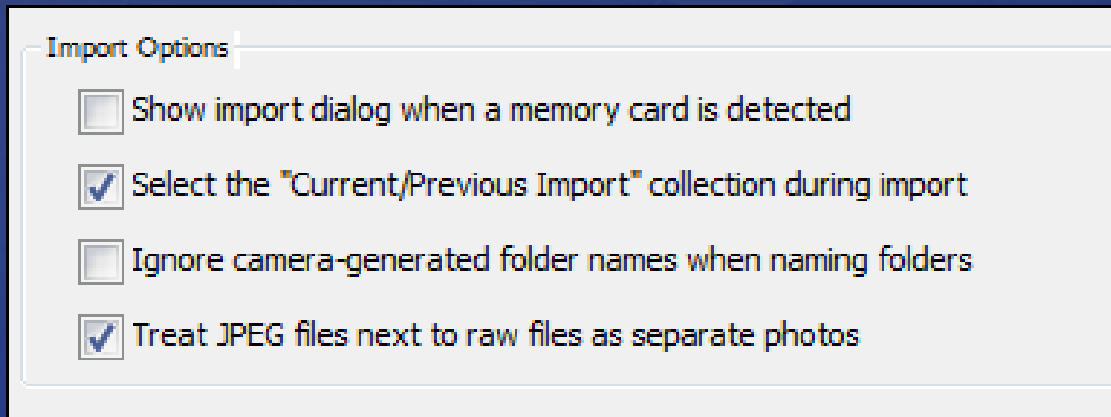- **Publish Services (Facebook)**

LR – Import

RAW only or RAW+JPEG?

- **if you want both:**
  - LR>Edit>Preferences
  - for RAW+JPEG, tick Treat JPEG…

Import Options

- ☐ Show import dialog when a memory card is detected
- ☑ Select the "Current/Previous Import" collection during import
- ☐ Ignore camera-generated folder names when naming folders
- ☑ Treat JPEG files next to raw files as separate photos

LR – Import

1. **from previously imported:**
   - **Import… (Import=Link, not copies!)**
   - **or Add Folder…**
   - **select single image or all images in folder**
   - **add Metadata, Copyright, Keywords**
   - **to add an image to existing LR folder: synchronise**

LR – Import

2. **from camera/card:**

   - **This is a Copy from card to computer! + Link to LR Catalog**

   - **work from left to right!**

   - **Left: Select source: Camera**

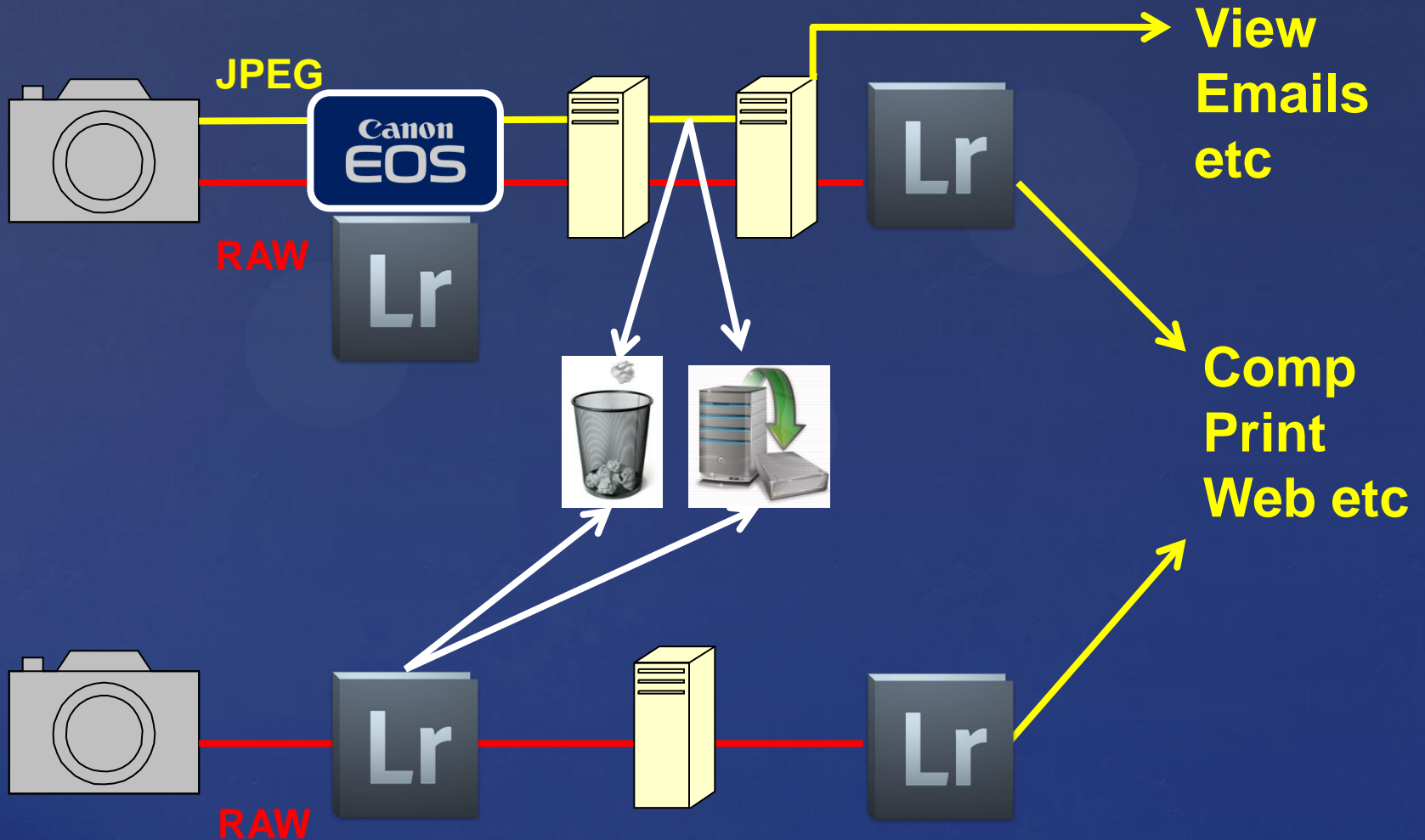   - **Centre: All Photos/New Photos**

   - **Right: To: select location/default**

LR – Import

- **File Handling**
  - Make a second copy to (e.g. external drive)
- **File Renaming**
- **Apply during Import:** Metadata/Copyright/Keyword
- **Destination: folder naming**
- **Import**

LR – Import

View
Emails
etc

Comp
Print
Web etc

JPEG

RAW

RAW

PS July 2016

LR – Flags/Ratings

- **In Library and Develop module: "Select Toolbar Content" to see options**

- **set Flag, Stars or Colours from the bottom Toolbar**

- **use "Filters Off" (top-right) to select images with Flags or Ratings**

LR – Collections

- **What do you want to do with your photos?**

- **Print, Photobook, Facebook, Web??**

- **Collect those photos you want in a Collection (links only, no copies!)**

- **One image can be in more collections**

- **Edits show in all collections**

LR – Develop

Vision-driven workflow:

- **identify intent**
- **minimise distractions**
- **maximise mood**
- **draw the eye**

with thanks to David duChemin
of Craft and Vision

LR – Develop

Make Virtual Copy if required

- **rhc: Create Virtual Copy**

LR – Develop

Minimise Distractions

1. **Lens Corrections**
   - Remove Chromatic Aberrations
   - Enable Profile Corrections
     - to fix distortion and vignetting
   - SYNC! over more images

LR – Develop

Minimise Distractions

2. **Straighten or Transform**

- to correct horizons, buildings
- Straighten: Angle – drag – crop (if req'd) – Enter
- Transform: try Full or Auto, or Guided for more complicated. Use 2, 3 or 4 Guides.
- "Constrain Crop" or Crop afterwards

Minimise Distractions

3. **Crop**

- crop ratios (incl 1:1)

LR – Develop

Minimise Distractions

4. **Spot Removal**

   - to remove blemishes, unwanted objects
   - mostly use *Heal*, Feather=0, Opacity=100;
   - use *Clone* (=copy) to avoid bleeding
   - line removal: Heal, Feather=0, Opacity=100: click start line, Shift button, click end line.

LR – Develop

Minimise Distractions

4. **Spot Removal**

    - need to move? use the Navigator or press the spacebar!
    - tick "Visualise Spots" (or press "A")

LR – Develop

Maximise Mood

1. **White Balance**
   - various presets (As Shot, Auto, etc) or manual Temp slider
   - SYNC! over more images

LR – Develop

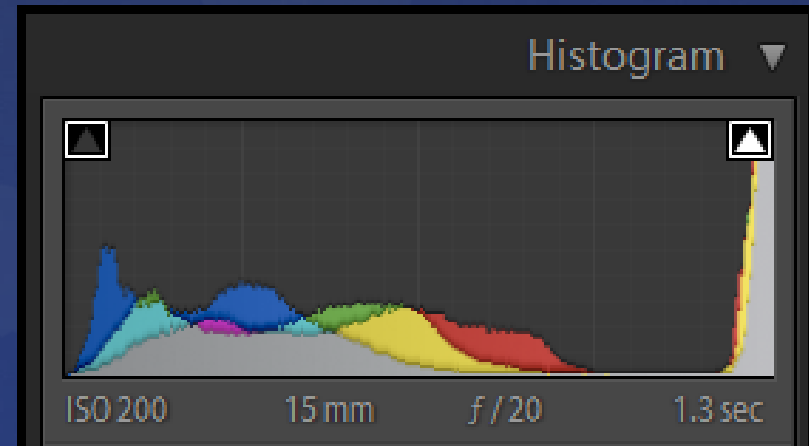## *Maximise Mood*

2. **Basics**

   - Exposure

   - Highlights - Shadows

   - Contrast – Clarity
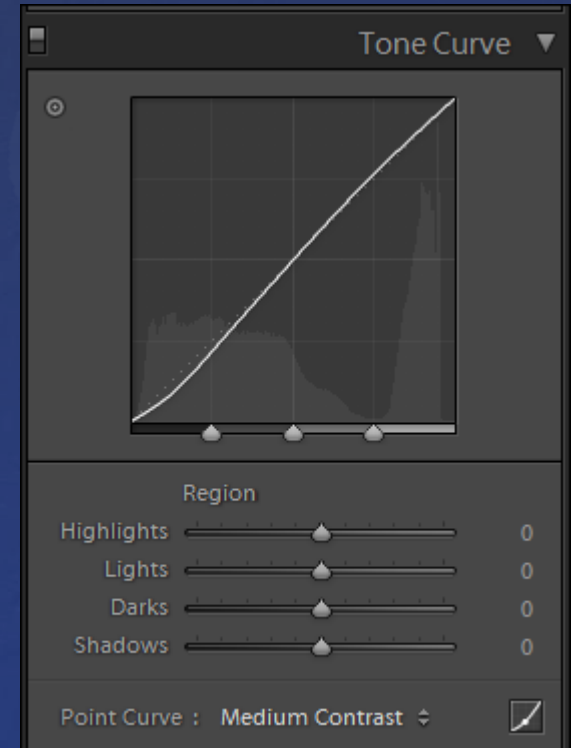
   - Saturation – Vibrance

   - Dehaze

Watch the Highlight and Shadow Clipping!

LR – Develop

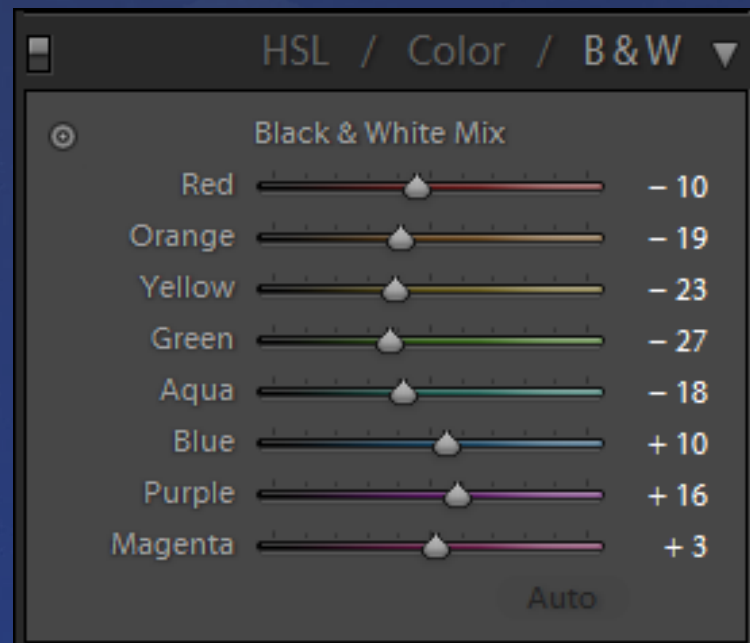## *Maximise Mood*

3. **Tone Curve**
   - alternative Contrast etc

LR – Develop

Maximise Mood

4. **B&W**

  ▪ use sliders to change

    grey tones

  or use Presets (LH panel)

HSL / Color / B&W ▼

Black & White Mix

Red	− 10
Orange	− 19
Yellow	− 23
Green	− 27
Aqua	− 18
Blue	+ 10
Purple	+ 16
Magenta	+ 3

Auto

LR – Develop

<u>Draw the eye (incl dodge and burn)</u>

1. **Radial Filter**

2. **Adjustment Tool**

3. **Graduated Filter**

   - Will open a new panel with lots of sliders

   - Creates a Mask on the image, then use sliders

   - "Show Selected Mask Overlay" to see selection

LR – Develop

Draw the eye

4. **Detail>Sharpening – Amount. Use ALT and Masking slider to show what is sharpened**

5. **Effects>Post-crop vignetting**

LR – Develop

To go back

1. **Ctlr-Z**

2. **History panel**

3. **rhc on edit pin Radial Filter, Adj Brush etc, and delete**

4. **turn off/on panels**

LR – Export

1. **To create a JPEG for projection, emails, photobooks etc**
   - File>Export or Library>Export button
   - Set various items: sRGB for projection/web
   - Check specific requirements (dimensions, max file size, etc)
   - Add as a new Preset

LR – Export

2. **To create a TIFF/JPEG for external printing**
   - File>Export or Library>Export button
   - Set various items: AdobeRGB for ArtsEdge printing
   - Check specific requirements
   - Add as a new Preset

LR – Printing

Print module

- **can use Soft Proofing in Develop**

- **LH panel: templates**

- **Page Setup button: set Paper Size (A4, A3 etc) and Portrait/Landscape**

LR – Printing

- **RH panel:**
  - **Printer**
  - **Resolution**
  - **Sharpening**
  - **Color Management (Profile, Perceptual/Relative)**
- **Printer…. button**
  - **If profile is used, set Printer color management off.**

LR – more!

- **HDR (Photo>Photo Merge>HDR)**
- **Stitch (Photo>Photo Merge>Panorama)**
- **to go to Photoshop:**
  - Photo>Edit in Adobe Photoshop
    - Perspective Crop or Transform
    - Clone, Heal, Edit>Fill>Content-Aware Fill
    - Localised Adjustments through Layer Masks
  - in PS: Save, and edited image will appear in LR

LR – Resources

- **LR Tutorials on CC**
- **Club Help**
- **Web**
- **Other commercial trainers**

LR

HAVE FUN!