

Develop Module

Basic Panel

- Exposure – lighter or darker
- Contrast – adds or lowers contrast
- Highlights – works on really bright parts of the photo
- Shadows – works on the hidden shadows in the photo
- White and Blacks – adds a snap to the photo

General Information

- To reset all sliders, press the **Alt key** and **TONE** button together
- If you increase the Shadows, you will increase the Noise
- Shadows help with Black and Whites
- To see the Before and After, press the Back slash key (\)

Histograms

- At the top of the Histogram, there are two arrows on each side
- To turn the arrows on or off, press **J**
- When turned on the blown out highlights will show (clipping warnings)
- Clipping means no detail

Crop Tool

- Located at Tool Menu in Develop Module (just below the Histogram)
- It is a non-destructive tool

White & Blacks Points

- Whites
 - Hold down the Alt Key
 - Everything goes black
 - Move the slider to you see the first **specks**
- Blacks
 - Same as with Whites
- Not every Photo will have a white or black point

Camera Profile

- Works basically for Raw photos
- Can change the Camera Profile
 - Ex. Portrait to Landscape
- Once set up, you can apply it all photos via a Preset

White Balance

- If shooting in Raw, you can change the White Balance
 - Ex. Cloudy to Shade
- However, if you are shooting in Jpg, you are limited on what you can change
- Use a Gray Card for the most correct detail
 - Then in LR, use the Eyedropper in the White Balance section
 - Click on the whiteness gray area
 - Then adjust the sliders to get what you want

Highlights

- Basically a blown out picture
- Use the **Exposure** slider to bring it in line
- Find tune it with the Highlight slider

Clarity

- Basically it is detail
- Works with mid-tone contrast
- Add more detail to the photo
- Works great on photos with a lot of detail – Landscapes with clouds
- Does NOT work good on faces
 - It enhances wrinkles
- If background is blurred, clarity will enhance the blur (may or may not be good)

Vibrance and Saturation

- Improves color
- *Vibrance* – works on Non-Skin Color
- *Saturation* – enhances all the color in the entire photo
 - Good for Landscapes
 - Not Good for People

Before and After

- Lets you see improves made in the photo to what the original looked like
- Use the “\” to go back and forth or
- Click on “YY” icon before photo screen

Duplicate Settings

- Allows you to work on a specific photo and carry over the changes to another photo
- Select all the photos including the one just worked on and press the **SYNC** button (bottom - Right Panel)
 - Opens a SYNC dialog box
 - Check the box – Check NONE
 - Then select the areas you just worked on
 - Press SYNC and it will carry over all the setting (areas worked) to the photos selected

- **Second Way**
 - If you think through your process before you begin updating photos
 - Go to the **SYNC** button (bottom Right Panel)
 - Select the **On/Off switch** (ratio button – left of the SYNC button)
 - Select it to Automatically (**Auto SYNC**) update all selected photos together as you work on them
- **Third Way**
 - Work on one photo
 - Go to the next photo
 - Press the **Previous Button** (bottom of Right Side Panel)
 - It will sync the next photo just like you did on the previous photo
 - The Previous Button is one of the most important buttons in LR
 - It Saves time
 - It Saves work
- **Fourth Way**
 - Once a photo is to the way you want it
 - Press the **COPY** button (bottom Left Panel)
 - Go to the next photo and Press **Paste**

Tone Curve

- Similar to the one in PS
- Basically it used to control Contrast
- Can use the curve to make adjustments or use the sliders below the Tone Curve
- Curve
 - Right side curve – Highlights
 - Left side curve – Shadows
 - Middle area – Mid tones
- Reset the curve – click anywhere inside the Curve Box
- Work towards a “**S**” curve

Develop Mode Shortcuts

- *Develop Module Panels*
 - Right click anywhere to bring up a dialog box
 - Be sure Solo Box is check – allows only one Panel to be open at a time.
 - This saves scrolling up past open panels
- *Each Panel is numbered*
 - Press CTRL 1 to open the Basic Panel
 - Press CTRL 2 to open the Tone Curve Panel
 - Etc
- *Sliders*

- Can reset a single slider by double clicking on the Slide Name
 - Reset all sliders by clicking on the word **Tone** (Basic Panel)
- To reset the photo (remove all adjustments)
 - Press the *Reset Button* (bottom of Right Panel)

HLS & Color

- Work basically with *HLS*
 - Can adjust Hue / Saturation / Luminance
 - Can adjust the entire photo
 - Or can adjust one area
- *Luminance*
 - Works on dark or lighter areas (brightness)

History

- Located in Left Panel (4th down)
- The last adjustment done is at the top

Snapshots

- Snapshot button on Left Panel (3rd down)
- Allow you to experiment
- Create a Snapshot of a specific photo by press the “+” sign
- It is a snapshot in time

Split Toning (Creative feature)

- Usually used for B&W
- Color gives you a HDR (over done) affect

Effects Panel

- Can add in Vignettes
- Allows you to lighten or darken a photo

Virtual Copy

- Similar to Snapshot
- However, you can create a new version
- On the selected photo
 - Right click
 - Create Virtual copy
- A Virtual Copy photo will have a turned up corner (left bottom)
 - It is not an additional photo, but a copy of the photo

Sharpening

- Go to *Detail* on Right Panel
- **NOTE:** If you are going to take the photo into PS, do the sharpening in PS
- Increase photo size to 100% (photo pane)
- Sliders
 - Amount – sharpens the find edges
 - Radius – How the outside edges react
 - Detail – how many things do you want to sharpen

- Goes outside the fine details
- Masking – Hides the sharpening tool from sky or skin
 - Hold down the ALT key (PC) or Options Key (Mac)
 - Allows you to see what is being sharpen
 - All the way to right – hides sharpening
 - All the way to left – shows sharpening

Noise Reduction

- Comes into play if shooting at a high ISO
- Start with Color
- Used of the Luminance slider blurs the photo
 - Detail slider will bring back some of the edges
- **NOTE:** If the photo is not going to be printed, do not worry about Detail

Lens Correction

- *Basic*
 - Using a Wide Angle Lens
 - Building have a tent to lean inwards
 - Be sure to Enable Profile Correction is checked
 - Many times, this will correct the problem
 - Set up should be set to Auto
- *Manual*
 - Will allow you to make detail adjustments
- *Profile*
 - Will find the lens you are using

Presets

- Left Side Panel
- Click on “+” to create a new Preset
 - Opens Preset dialog box
 - Rename
 - Click areas you want to save

Spot Removal

- Right side Panel – Tool Bar
- Select either Clone or Heal
- Most of the time, you will use Heal, especially when working with Sky
- At bottom of Photo Pane
 - Visualize Spot slider
 - Helps find spots
 - When done, press Done Button
- If one Photo has spots, probably all the photos have spots
 - Fix one Photo
 - Press the SYNC bottom
 - Dialog box appears, check the Spot Removal
 - Then can use the SYNC button to remove all the spots on addition photos

Red Eye

- Right side Panel – Tool Bar

- Adjust the pupil size with slider

Graduated Filter

- Right side Panel – Tool Bar
- Can use a Neutral Filter for specific areas
- Select the area
 - Use the Exposure slider to lighten or darken the sky
 - If it darkens too much of the foreground, use the shadow slider to lighten it up
 - Can move the slider to get the areas wanted
- Can add an additional Graduated Filter (add several if needed)
- Bottom line is hard
- Top line is soft
- Can adjust both the top and bottom lines in transition
- Middle line ?
- Can rotate the lines (move towards center and it will give you a rotate pointer (like in Cropping))
- To get rid of a Filter – hit the Delete Key
- This is non-destructive filter
- Can hit Reset to start over

Radial Filter

- Right side Panel – Tool Bar (2nd from right)
- Sort of like Spot Light
- Can put the filter anywhere on the photo and make adjustments
- To remove the filter, hit the Delete Key
- To get a perfect circle, hold down the Shift Key
- Leave Feature at 50%

Adjustment Brush

- Right side Panel
- The Basic Panel makes Global Changes to the entire photo
- Adjustment Brush can be used to make changes to specific areas in the Photo
- It is like using the Graduated Filter and Radial Filter to a different level
- Can adjust the Brush Size
- Feathering edges – soft/hard
 - Low edges not very soft
 - High edges are softer
- It is like Dodging and Burning
- Under the Photo Pane
 - Shows an Edit Pins
 - Turn on to Auto
 - Show – shows you the mask overlay
- Can press Delete Key to remove the Brush
- Turn on Auto Mask

- Allows you to use a bigger brush
- Do NOT allow the “+” to go outside the area