



April 2018 Lightroom Update

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In this lesson, we're going to learn about the changes made to Lightroom in the most recent update, called Lightroom 7.3. This update was released in April of 2018. The update is the same for Lightroom Classic and Lightroom CC (the version where your images are stored on Adobe servers).

What's new? (at a glance)

- The Profiles setting moved from the Camera Calibration section to the Basic panel and vastly expanded its functionality.
- Presets format changed for ACR compatibility and the presets location changed as well.
- The Dehaze slider moved from the Effects panel to the Basic panel.
- The Tone Curve was made a smidgen larger and RGB curve lines brighter.
- Improved Face Detection
- Now able to view and edit Sony Pixel Shift ARQ files
- Default sharpening was increased from 25 to 40.
- Support for additional cameras and lenses

What's new? (in depth)

New camera support The following cameras are now supported with the new update:

Camera	Raw image filename extension
Canon EOS 1500D (EOS Rebel T7, EOS Kiss X90, EOS 2000D)	CR2
Canon EOS 3000D (EOS Rebel T100, EOS 4000D)	CR2
Canon EOS M50 (EOS Kiss M)*	CR3
Panasonic LUMIX DC-GX9 (DC-GX7MK3)	RW2
Panasonic LUMIX ZS200 (DC-TX2, DC-TZ200, DC-TZ202, DC-TZ220, DC-ZS220)	RW2
Sony A7 III (ILCE-7M3)	ARW

New lens support Lightroom has now added profiles for the following lenses:

Manufacturer	Lens	Lens mount
Hasselblad	Hasselblad XCD 2,8/65mm	Hasselblad
	Hasselblad XCD 2,8/135mm	Hasselblad
	Hasselblad XCD 3,5-4,5/35-75mm	Hasselblad
	Hasselblad XCD 4/21mm	Hasselblad
SIGMA	SIGMA 14-24mm F2.8 DG HSM A018	Canon, Nikon, SIGMA
TAMRON	TAMRON 70-210mm F/4 Di VC USD A034	Canon, Nikon
	TAMRON 70-210mm F/4 Di VC USD A034 +1.4x III	Canon, Nikon
	TAMRON 70-210mm F/4 Di VC USD A034 +2x	Canon, Nikon
Zeiss	Zeiss Loxia 2.4/25	Sony FE

Sharpening default setting changed In the past, the default setting for the Sharpening slider (within the Detail panel) was always 25. It has now changed to 40. If you prefer to set this back to 25, here's how you can change it. Open an image that has not been adjusted into the Develop Module. Make sure that none of the adjustment sliders have been moved. They should be at their default settings. Then go to the Detail panel and set the Sharpening slider to 25. Now, you'll need to set this as Lightroom's default setting by going to the Develop menu at the top of the screen and choosing Set Default Settings. Note that this will look at ALL of the slider positions and remember them as the default settings. That's why it's important that only the Sharpening slider has been moved.



The new default Sharpening setting is now 40 (it used to be 25).

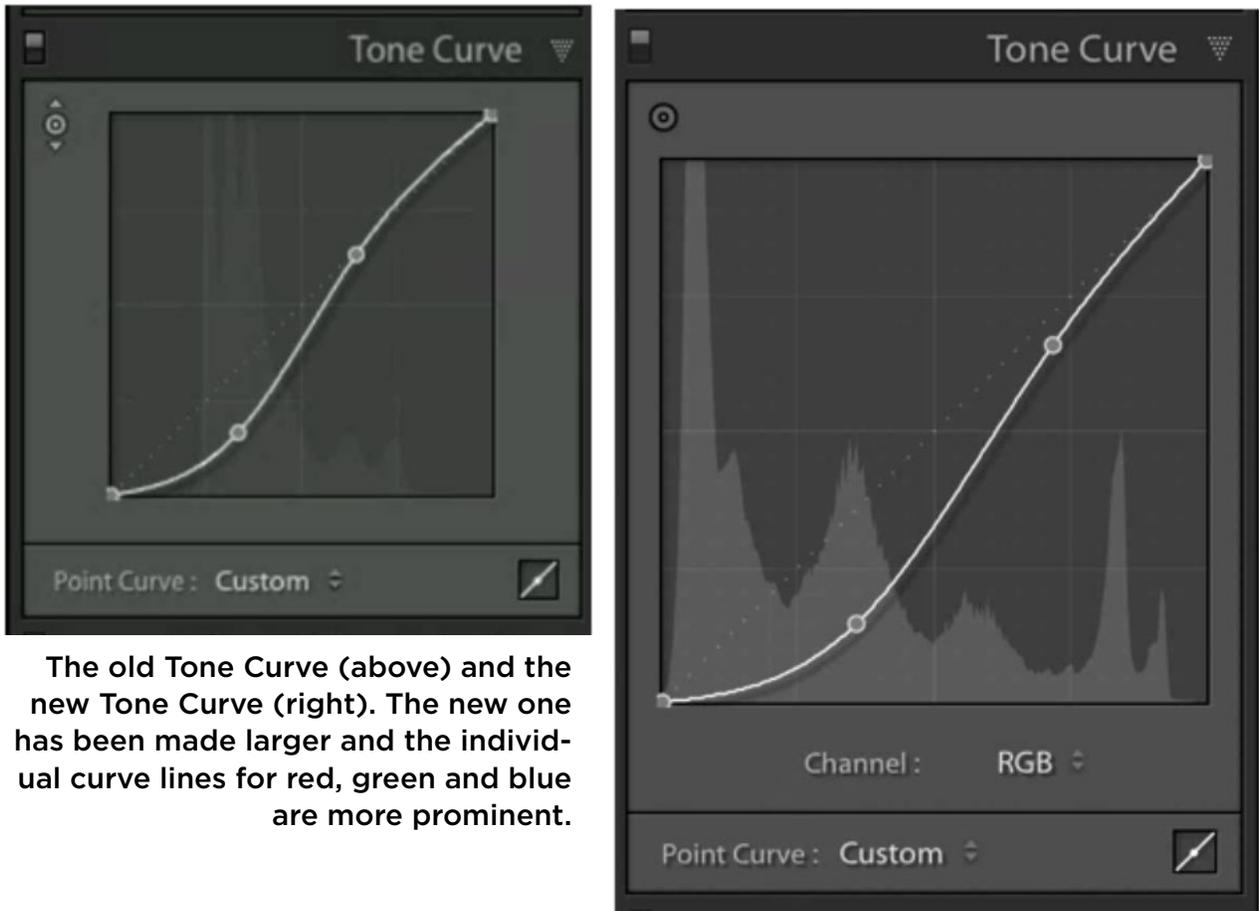
Improved Facial Recognition The Facial Recognition feature can be found in the Toolbar at the bottom of the Library Module. Click the little face icon and Lightroom will attempt to recognize faces in your images and help you to create name tags for the various subjects in your photographs. If you already have a bunch of images where Lightroom has tried to run Facial Recognition, you can force it to take a new look at them and try to do a better job now that it has been improved. In the Library Module, go to the Library menu at the top of the screen and choose Find Faces Again. A dialog box will pop up before running the Facial Recognition

that presents a couple of options. I recommend turning on the two check boxes here to ensure that the new search does not mess up any work you did to manually confirm faces or create a confusing situation where you don't know which images have been searched.



This dialog will appear when you run Facial Recognition a second time. I suggest turning on both check boxes.

Tone Curve enlarged The Tone Curve has been made a bit larger in the Develop Module. Also, if you work with the individual red, green and blue curves, you'll notice the lines that represent those have been made more prominent.



The old Tone Curve (above) and the new Tone Curve (right). The new one has been made larger and the individual curve lines for red, green and blue are more prominent.

Dehaze moved The Dehaze slider used to be located within the Effects panel and it has now been moved into the Basic panel, within the Presence section (right below Clarity). I usually use the Dehaze slider in conjunction with the Contrast slider. I find that if you turn down the Contrast and turn up Dehaze, you can get a different look in your images.

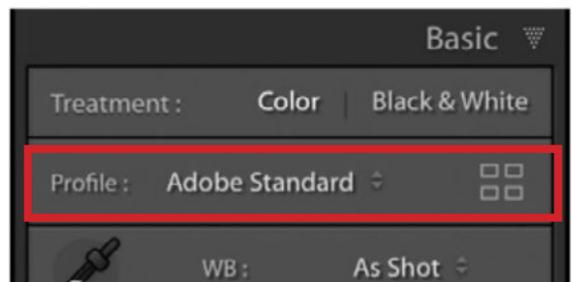
Changes to Develop Presets

- File format changed to .XMP for compatibility with ACR (Adobe Camera Raw). (Existing presets will be converted upon launching Lightroom. A copy of the old is retained in the old location)
- The location the presets are stored has changed as well so that they're in a location where they can be seen by ACR.
- You now get a full image preview on hover (not just in the Navigator panel).
- There are a few bugs (sort order, odd characters, etc.) that Adobe is aware of and is addressing. (By the time you read this, they will likely be fixed.)

Profiles: Digital Camera Profiles (DCP)

This setting was previously found under the Camera Calibration panel but has now been moved to the top of the Basic panel.

- Profiles are for raw files only (JPEG files always read as using an “embedded profile”).
- Raw images have always had a profile (since the beginning of ACR/Lightroom).
- A default setting is used to normalize the appearance between camera brands/models.



The Profiles setting is now located at the top of the Basic panel.

- The default profile has changed from Adobe Standard to Adobe Color!
- The new Adobe Color profile has increased contrast, increased saturation, better transitions between colors and better skin tone rendering. This means that newly imported images may look different from previous imports.
- DCP Profiles can also be used to mimic the appearance of camera-generated JPEG images (That's why the choices are different for different camera manufacturers.).

Profiles: New Adobe DCP Profile Choices

DCP profiles are camera profiles that only apply to raw files. Now, instead of only having one choice (Adobe Standard), Adobe has given us multiple choices.

- **Adobe Color (the new default):** + contrast, + saturation, emphasizes warm colors, better rendering near gamut limit, protects skin tones
- **Adobe Monochrome:** Hand-tuned for optimal black and white
- **Adobe Landscape:** Tuned for high dynamic range scenes, + saturation, greens rendering hand-tweaked, more pop than Adobe Color
- **Adobe Portrait:** Designed for skin tones, lowers contrast in skin, smoother gradations in skin, prevents darker skin tones from looking green
- **Adobe Neutral:** Least adjusted, very flat-looking for images that need extensive manual tweaking with maximal headroom for original rendering
- **Adobe Vivid:** Very saturated, similar to highly-processed images from point & shoot cameras and phones

Profiles: Creative Profiles (the new kind)

With this new Lightroom update, Adobe has given us a new set of profiles that don't require raw files. They will work on raw files OR JPEG files. They're known as Creative Profiles, and you can do a lot more with them.

- Creative Profiles concept added (based on 3D LUT like the Color Lookup adjustment in Photoshop)
- Creative Profiles can be applied to both JPEG and RAW files
- Creative Profiles include 0-200% amount slider
- Can purchase creative profiles and add them to Lightroom
- Tip: You can make your own creative profiles based on ACR/LR adjustment sliders (by holding down Option/Alt when creating a preset in ACR).

Great Lightroom Plug-in Released

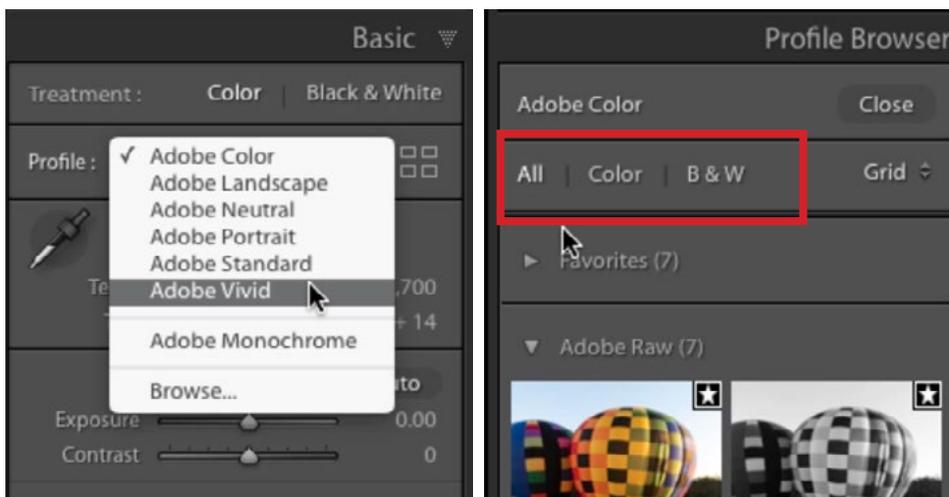
A new plug-in called Bag-O-Goodies was just released and you can find it here: regex.info/blog/lightroom-goodies/bag-o-goodies

Features include:

- Allows customization of Lightroom's Auto button
- Fade back or boost an adjustment as a percentage of the usual
- Apply hard limits to each adjustment
- Donationware
- Google "Jeffrey Lightroom plug-ins" for more from the same author

Profiles: Expanded functionality

In the Develop Module, the Profile setting can now be found at the top of the Basic panel. When you click on the menu, the choices you see are the profiles that have been designated as your favorites. To view all of the profiles, choose Browse or click on the icon that looks like four rectangles to the right of the Profile menu.



Left: The Profile menu includes a list of profiles designated as favorites. Right: Use these settings to filter which profiles you see.

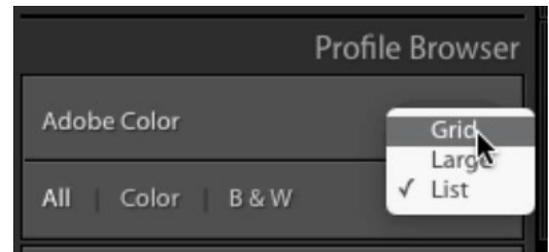
When the Profile Browser is expanded, there will be a few options at the top that allow you to view only the Color profiles, only the B&W profiles or All of the profiles. The panel contains several categories, which can be expanded by clicking on the

little disclosure triangles to the right of the profile names. The little menu that appears in the top right corner of the expanded Profile Browser will allow you to choose the preview size. You can choose between viewing them as a Grid, in a Large view or as a list.

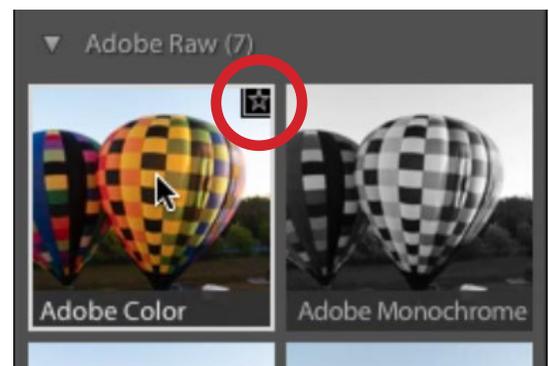
When you hover your cursor over one of the profile previews, a dark star icon will appear in the upper right corner. If you click on that star, the profile will be added to your favorites list and will therefore be available in the Favorites category, as well as in the Profile dropdown menu you see when the Profile Browser is not expanded. When you hover your cursor over a profile, you will also see a preview of what that profile would look like in your main image window. Click on the profile to apply it.

Below the Adobe Raw profiles is the Camera Matching category. The profiles you see here will depend on what brand of camera you were shooting with. These mimic the controls that are found in your camera when you shoot JPEGs and use one of the style options.

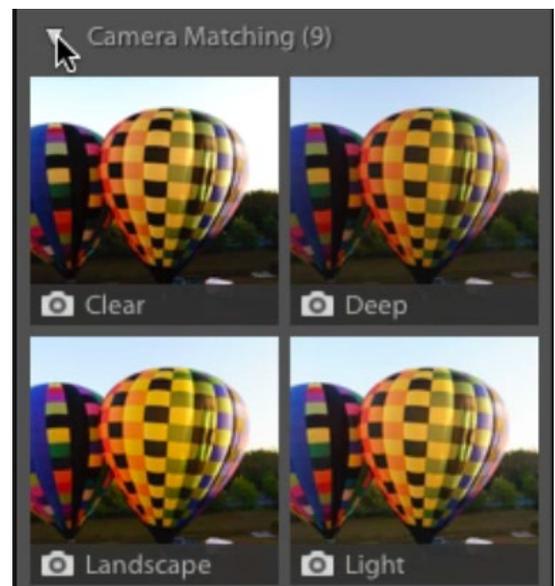
The Legacy category contains the choices that were available in the older versions of Lightroom. You would use these if you need to replicate the same look that you got when using older versions.



Use this menu to change the way the profiles are displayed in the browser.



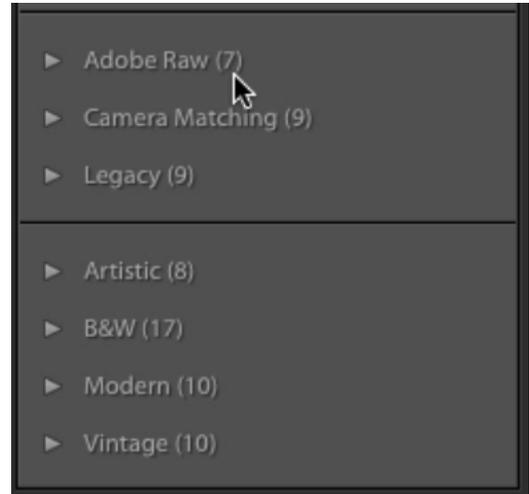
Click on the little star to add a profile to your favorites.



The Camera Matching profiles will reflect the styles available in your camera.

The Profile Browser is separated into two halves. The bottom half contains the Creative Profiles and these will apply to either raw files or JPEG files. The categories available are Artistic, B&W, Modern and Vintage.

When are profiles useful? Whether you know it or not, every raw file you work with is using a profile. But when is the best time to work with these profile settings? Well, I would recommend making sure the image looks pretty good first. It may look good right out of the camera, or you might have to work with the adjustment sliders to get it there. If the image is really off and needs a lot of work, it's going to be hard to really see how the profiles are affecting the image.

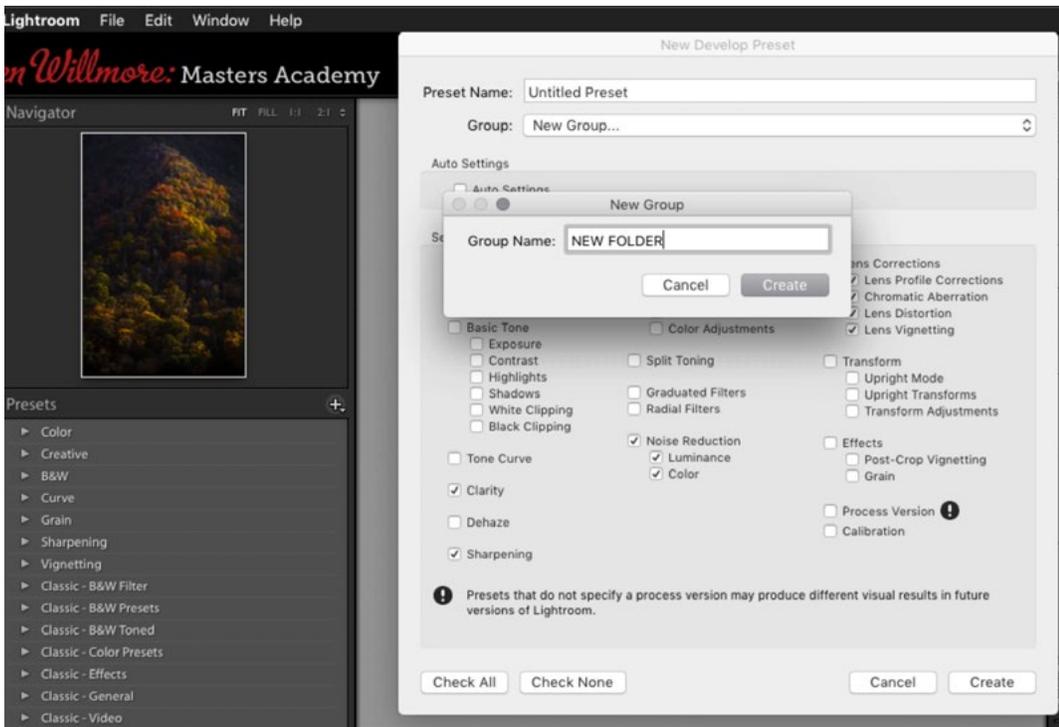


The Profile Browser is split in half. The profiles in the top half can only be applied to raw files. The ones on the bottom half can be applied to JPEG as well.

Presets

The develop presets can be found on the left side of the interface when you are working in the Develop Module. We mentioned before that you can hover your cursor over the various presets and you will see a preview of what the preset would look like in the main image window. (In previous versions, you would only see the preview within the Navigator.

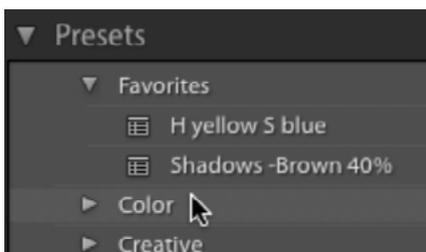
You can create new presets and organize those presets into folders, or groups. To create a new preset, click on the little plus icon (+) to the right of the Presets panel header and choose Create Preset. The New Develop Preset dialog will appear where you can give the preset a name and use the Group menu to specify what folder it should belong in. If you'd like to create a new folder, choose the New Group option at the top of the menu. You'll be prompted to give the group/folder



To create a new preset group/folder, click on the plus icon (circled) and then choose New Group from the Group dropdown menu.

a name and then click Create. Note that in order to create a folder and have it be visible, it must contain at least one preset. You can move presets between folders by clicking and dragging them into the desired location. To delete a preset, right-click on the preset name and choose Delete.

With this Lightroom update, the develop presets are now stored in a new location on your hard drive. To view a preset on your hard drive, right-click on the name of a preset and choose Show in Finder from the menu that appears. (On Windows, the menu item may be Show in Explorer.) It will then show you the preset folder on your operating system. If you ever need to load presets you got from someone else, you would place them in this folder.



Favorite presets will appear at the top of the list.

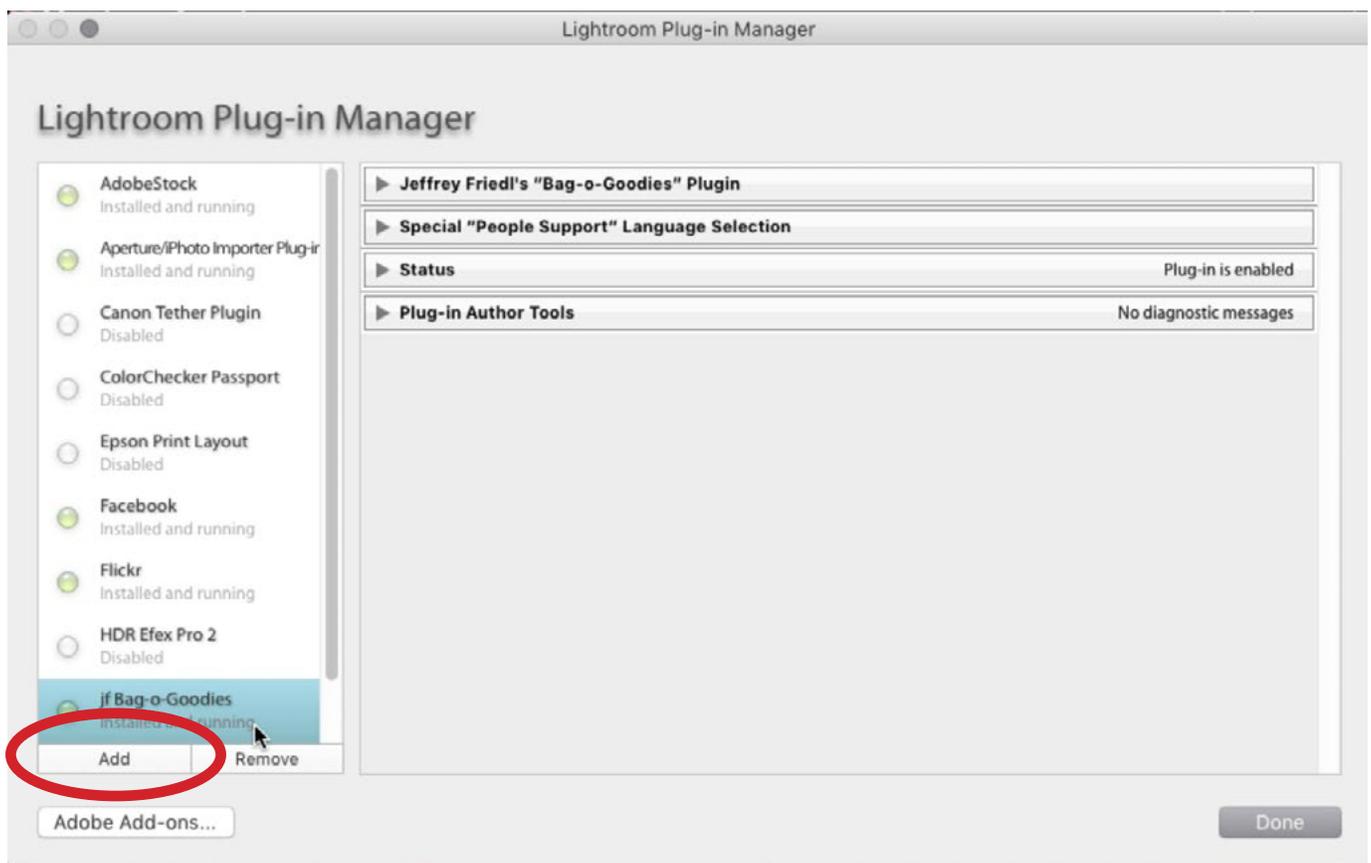
You can force some of your presets to appear at the top of the preset list. To do this, right-click on the name of the preset and choose Add to Favorites from the menu that appears. That preset will now appear under the Favorites group/folder at the very top of the preset list.

Bag-O-Goodies Plug-in

We mentioned earlier that the new plug-in I like can be found here: regex.info/blog/lightroom-goodies/bag-o-goodies

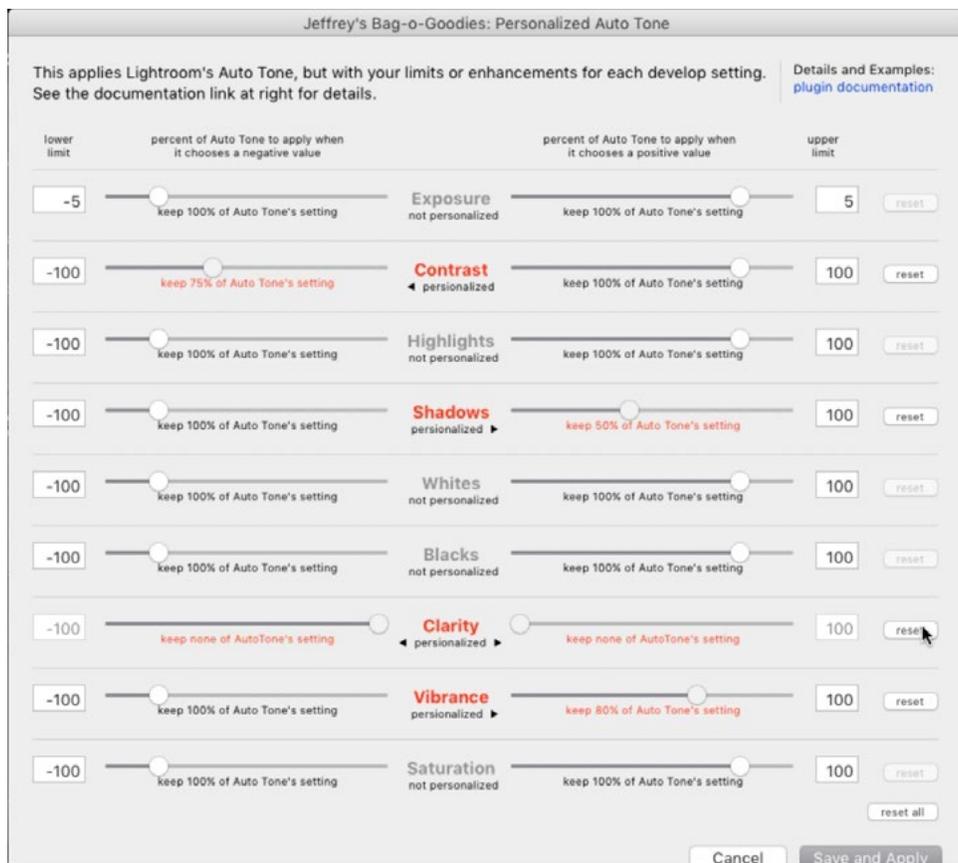
When you download the plug-in, it will be saved on your hard drive as a zip file. You will need to expand the file and then save the plug-in file somewhere that you will remember.

In Lightroom, go to the File menu and choose Plug-in Manager. When the dialog appears, click on the Add button in the lower left and navigate to the file on your hard drive. Once installed, it will appear on the left hand side of the dialog. Click the Done button.



To add a plug-in, click the Add button at the bottom of the Lightroom Plug-in Manager. After a plug-in has been added, it will appear in the list on the left.

To use the plug-in, select an image [or images], go to the File menu and choose Plug-In Extras. A list of options relating to the Bag-O-Goodies plug-in will appear here. One of the ones I like is the “Configure Personalized Auto Tone and Apply” feature. When you choose this, a large dialog will appear and it will include settings for all of the adjustments that are applied when you use the Auto setting in the Develop Module. The sliders on the right determine what happens to that particular setting when Lightroom moves it into the positive range and the sliders on the left determine what happens when the sliders move into the negative range. Example: Let’s say that when you apply the Auto setting, the Vibrance slider is always moved up too much, making the colors too vivid. You could take the right Vibrance slider in this plug-in and set it to 80%. This will tell Lightroom to move the slider to 80% of what it would usually apply. If you want specify that one of the sliders never be moved when applying the Auto setting, then drag both sliders relating to that adjustment to the center. The numbers on the ends determine what should be the



The sliders in the Bag-O-Goodies plug-in reflect the adjustments that can be applied when you use the Auto Tone command.

upper limit of what it could move the slider. When you’re done working through these settings, click the Save and Apply button in the lower right and the settings will be applied on all selected images. After you’ve set up your personalized Auto Tone settings, you can quickly apply them by going to the File menu and choosing Plug-in Extras > Apply Personalized Auto Tone.