



February 2018 Lightroom Release 7.2

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In this lesson, we're going to cover the new features released in the February 2018 update to Lightroom. Know that this is for Lightroom Classic, which is the desktop version, where you store your images in folders, and NOT the new Lightroom CC, which stores images in the cloud. This updated version is called Lightroom Classic 7.2.

Performance Improvements

- Slowdown over time issue addressed
- Faster import and preview building (grid of images should load faster & auto-import faster)
- "Walking" between images in Loupe & Develop faster (There will be much less of a lag when switching between images.)
- Rendering of Adjustments (noise/sharpening, etc)
- Faster HDR/Pano merge
- Faster Exporting
- Convert to DNG faster

LR used to slow down over time on high performance machines. Here's why:

LR was created when max was 2-4 cores. As they add more cores, the individual core speed decreases. (4-core = 3.4GHz, 8-core = 3.2GHz, 10-core = 3.0GHz, 14-core = 2.5GHz) The code was optimized for up to 4 cores, and the performance is penalized with high core machines. (3.4Ghz x 4 core = 13.6GHz usable 2.5GHz x 4 = 10GHz usable)

Optimization now maxes out at 18 cores (Servers have more cores, but desktops generally max out at 18 cores.) It requires a minimum of 12GB RAM for core optimization to kick in. (It needs a good amount of RAM to keep the processors busy.)

Bug Fixes

In the past, if you were running Lightroom with a catalog that was on an external drive, Lightroom would crash any time the drive was disconnected. This issue has been fixed and Lightroom no longer crashes when the external drive is disconnected.

Lightroom allows you to queue up a series of HDR images that need to be merged. In the past, there would be a significant slowdown when merging these images. This has now been fixed.

New Camera Support

- Fujifilm X-A5
- Fujifilm X-A20
- Panasonic LUMIX DC-GF10 (DC-GF90)
- Panasonic LUMIX DC-GH5s

New Lens Support

Canon EF

- Canon EF 85mm f/1.4L IS USM
- Rokinon SP 14mm f/2.4
- Rokinon SP 85mm f/1.2
- TAMRON 100-400mm F4.5-6.3 Di VC USD A035E
- TAMRON 100-400mm F4.5-6.3 Di VC USD A035E x1.4
- TAMRON 100-400mm F4.5-6.3 Di VC USD A035E x2.0
- Zeiss Milvus 1.4/25 ZE

Leica M

- Leica NOCTILUX-M 75mm f/1.25 ASPH.
- Leica THAMBAR-M 90mm f/2.2

Nikon F

- TAMRON 100-400mm F4.5-6.3 Di VC USD A035N
- TAMRON 100-400mm F4.5-6.3 Di VC USD A035N x1.4
- TAMRON 100-400mm F4.5-6.3 Di VC USD A035N x2.0
- Zeiss Milvus 1.4/25 ZF.2

Sony E

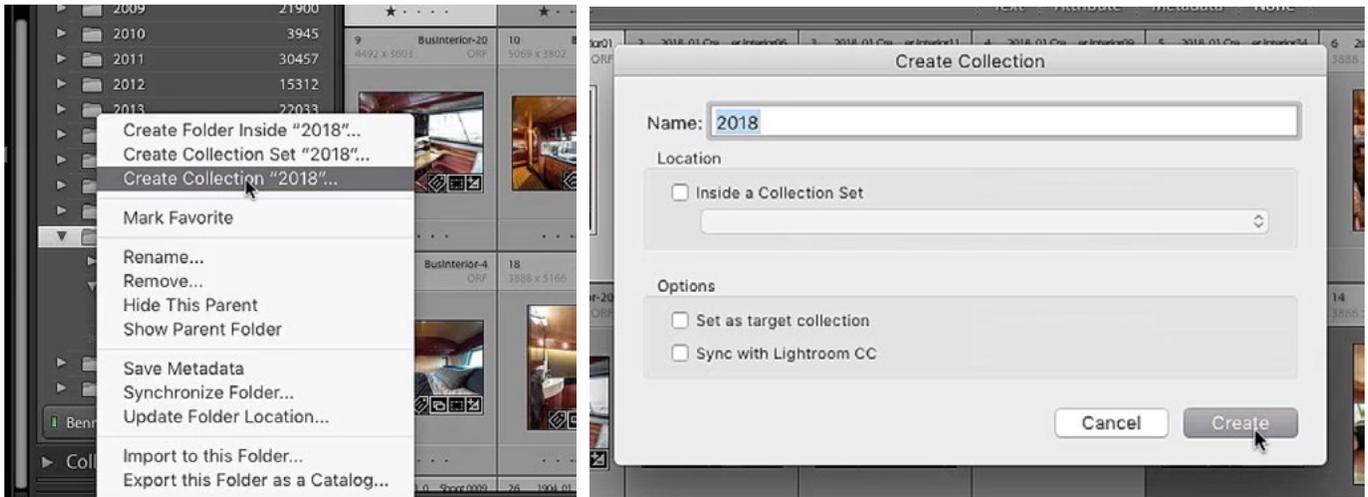
- Sony E 18-135mm F3.5-5.6 OSS

New Feature List

- Create Collection of Folder Contents (right-click folder, Create Collection XX)
- Create Collection Set to maintain folder hierarchy
- Create Collection from map pin (right-click on pin)
- Folder Search field
- Mark folders as favorites (* icon)
- There is now a Library Filter Bar choice called “Edits” (under both Metadata & Attributes)
- Smart Collection choice for Develop>Has Adjustments
- Support for more newly released cameras and lenses
- ACR 10.2 is matching version for this version of Lightroom.

New Features in Detail

Create Collection from folder contents You can now create a Collection that contains all of the images located inside of a particular folder. To do this, right-click on the name of the folder and choose “Create Collection” from the menu that pops up. The Create Collection dialog will appear, which will allow you to give the collection a name and specify some other collection settings. When you’re done, click the Create button.



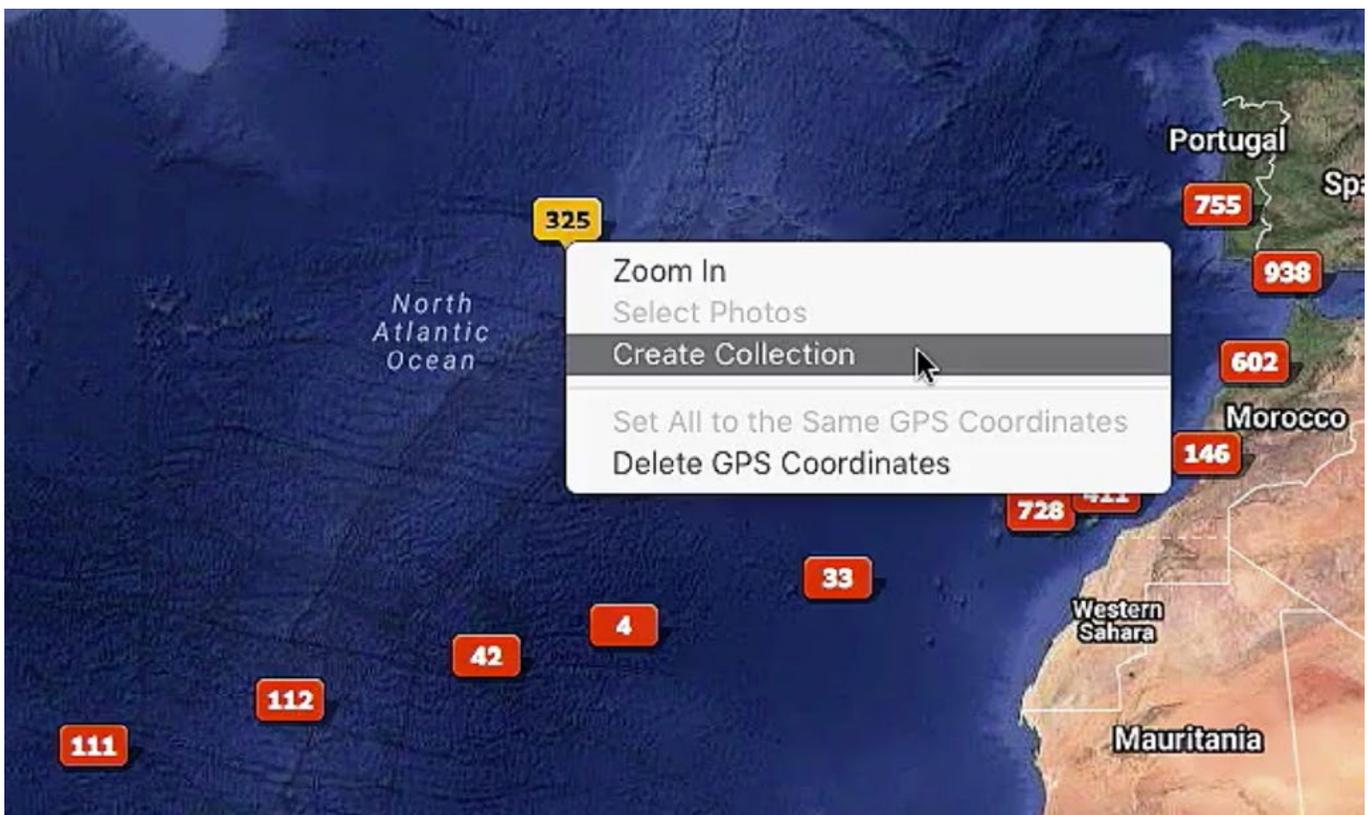
Left: We right-clicked on the name of a folder and are choosing to create a collection based on that folder. **Right:** The Create Collection dialog allows you to name the collection and work with some additional collection settings.

Create Collection from a folder, maintaining folder hierarchy You can also now create a collection set based on a folder AND the subfolders inside of it. This allows you to maintain the folder hierarchy within the new collection. To do this, right-click on the name of the folder and choose “Create Collection Set” from the menu that pops up. A collection set is basically a container for collections. You can’t put a collection inside of another collection, so we use collection sets instead.

There is something you need to be careful of when creating a collection set based on a folder hierarchy. Be aware that this will not create a perfect copy of your hard drive and that’s because a collection set cannot contain any photos. It can only

contain collections. If the base folder you chose to create the collection set from had images inside of it, those images will not be able to be included in the collection set.

Create collection set from map pin Lightroom’s Map Module can display your images on a map. This will work if the images contain GPS coordinates. The map view will show pins in all of the locations where you’ve shot images. The number on the pin indicates how many images were captured in that location. With this newest version of Lightroom, you can now create a collection that contains all of the images shot in a particular location. To do this, right-click on the location pin and choose “Create Collection” from the menu that appears.



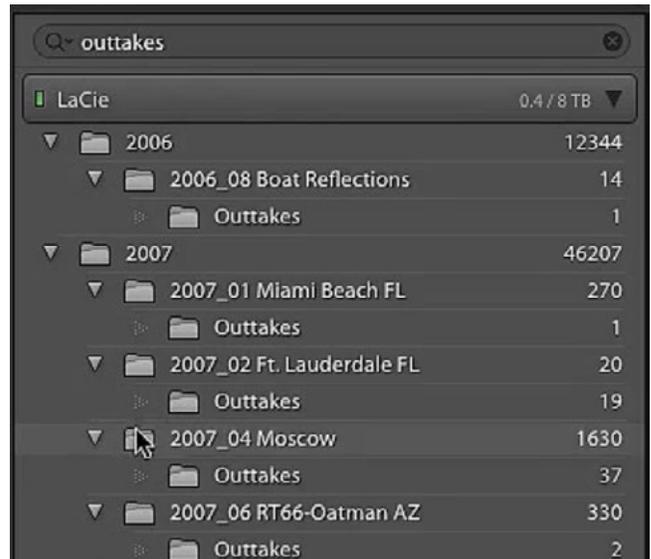
In Lightroom’s Map Module, we right-clicked on a pin in order to create a collection containing the images shot in that location.

Folder Search Field The Folders panel on the left side of Lightroom’s interface now contains a search field. This allows you to search for folders within the Lightroom catalog. If you click on the little down-pointing arrow to the right of the magnifying glass icon, you will get a menu that allows you to decide whether the search should include all the folders or just your Favorite Folders*. After typing in your search criteria, Lightroom will present your folder list, showing you all of the folders that contain the word or words you searched for. If the target folder is contained within other folders, those folders will all be expanded so that the folder you searched for is visible.

*To mark a folder as a favorite, right-click on the folder name and choose “Mark Favorite” from the pop-up menu.

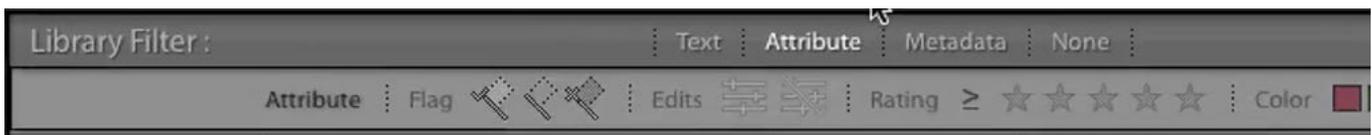


The Folders panel now contains a search field. Click on the down-pointing arrow to specify whether you’d like to search all of your images or just your Favorite Folders.



The folder search results.

Filter for Edits The Filter Bar in the Library Module now contains an option that allows you to search for pictures based on whether or not they’ve had any adjustments made to them. When using the Filter Bar, first select which folder or folders you would like to search. If you’d like to search your entire image catalog, click on “All Photographs” under the Catalog panel on the left side of the interface. The Filter Bar is located above the image window in the Library Module and a new “Edits” search criteria can be found under the Attribute tab. There are two



The Filter Bar

Edits icons here. The one on the left will search for images that have been edited. When you click this icon, the image window will only display the photos that have had adjustments made to them. The icon on the right will search for images that have not been edited.



In the Filter Bar, the Edits icons can be found under the Attributes tab.

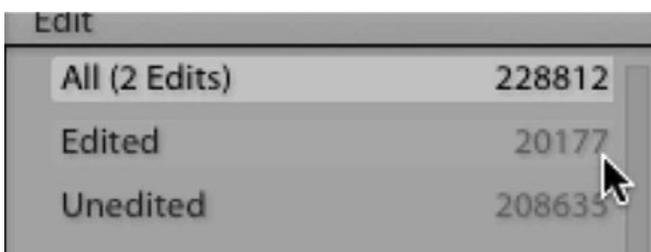
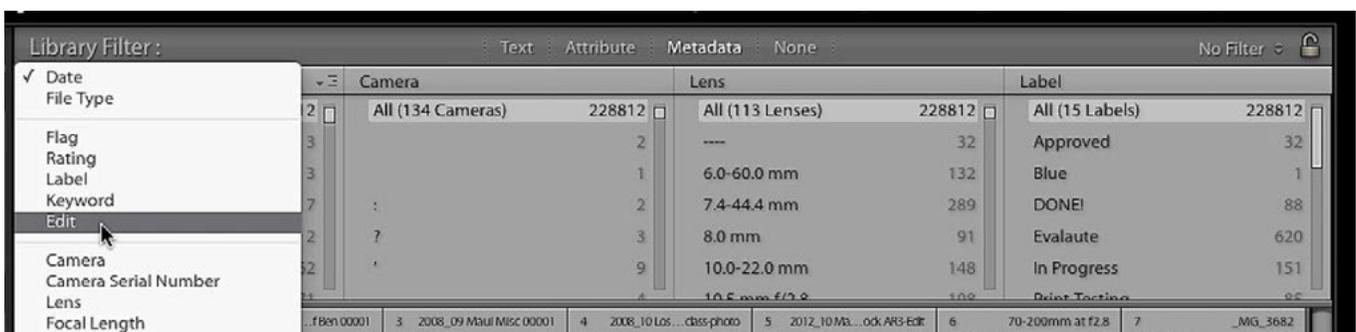
Another way to tell if an image has been edited is to look at the image thumbnail. If the image has been edited, there will be an adjustment icon in the bottom right corner of the thumbnail.



When looking at an image thumbnail, you can tell if an image has been edited because it will have the adjustment icon in the lower right.

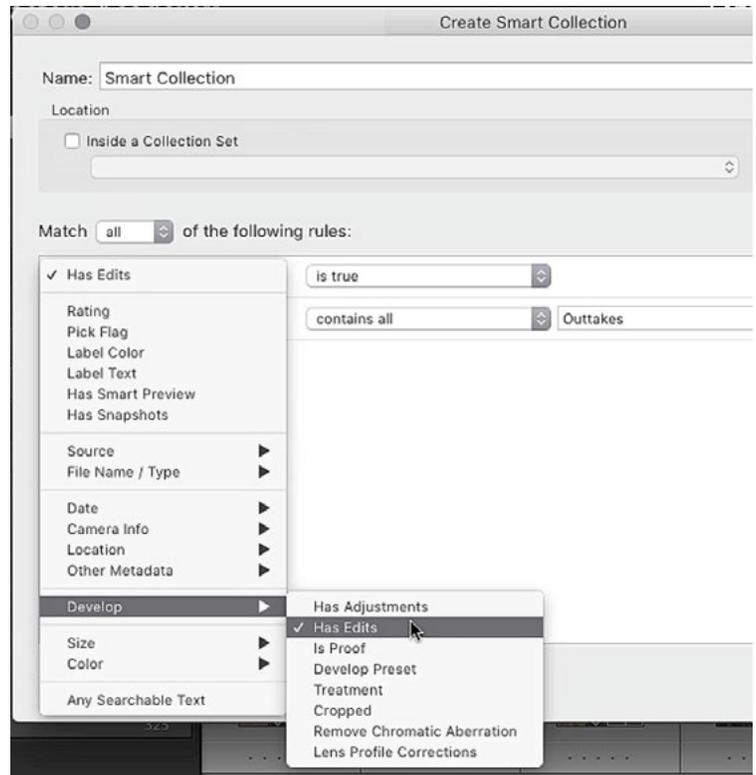
The Metadata tab within the Filter Bar also allows you to search based on Edits. Click on one of the column headers to open the menu that lists the various search criteria you can use and choose Edits. What's nice about this method is that it will give you numbers next to the Edited and Unedited categories, telling you how many images fall into each of them.

If the Filter Bar is ever not visible on your screen, go to the View menu at the top of the interface and choose "Show Filter Bar."



Above: When filtering by Metadata, we clicked on a column header to get a list of search criteria. We're choosing to search by whether or not the images have been adjusted. Left: Lightroom shows how many images have been edited and how many have not been edited.

Smart Collection choice for Develop>Has Adjustments The search feature mentioned above has also been implemented in the Collections panel, so you can now create a Smart Collection based on whether or not an image has adjustments. A Smart Collection is essentially a saved search and to create one, click on the little plus icon to the right of the Collections panel name and choose “Create Smart Collection” from the menu that pops up. This will call up the Create Smart Collection dialog, inside of which you can specify what search criteria should be used to create the collection. When using the drop-down menus to choose the different attributes, there is now a “Has Edits” option, which can be found under the Develop category. Then, you have the choice of True or False. Choosing True will include all images that have edits. Choosing False will include all images that do not have edits.



Here, we’re creating a Smart Collection and choosing to use the “Has Edits” search criteria, which can be found under the Develop menu option.

As a recap, there are three new ways of creating collections:

- Right-click on the name of a folder to create a collection based on the folder.
- Right-click on the name of a folder to create a collection set based on the folder hierarchy inside the chosen folder.
- Right-click on a location pin within the Map Module to create a collection containing all of the images captured in that location.