

ADOBE LIGHTROOM

GEOLOCATION AIDE

OVERVIEW:

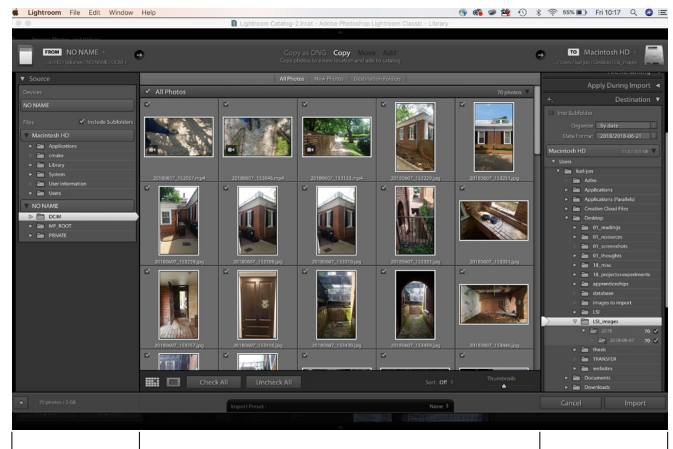
Adobe Lightroom is an image organization and editing platform. It now comes in two versions, a cloud-based version and a desktop based “classic” version. We will be using the “classic” version. Lightroom is a non-destructive photo-editing application, meaning that while we can make manipulations and reorganize images, those changes are not made to the original image files. This is generally a better way to organize a large number of images as it allows for editing and organizational decisions to be reconfigured with less risk of losing files. We will only be using Lightroom for its geolocation tools.

IMPORTING:

Choose:

File > Import Photos and Video...

The left column will display the source of the files you are about to import. The middle column allows you to choose which files you want to import and whether you want to *Copy*, *Move*, or *Add* those files. The right column lets you select various import options including the file destination. Make sure you have selected “*Don’t Import Suspected Duplicates*”. Choose a location for your import and choose *Import*.



media source

images to import

import location

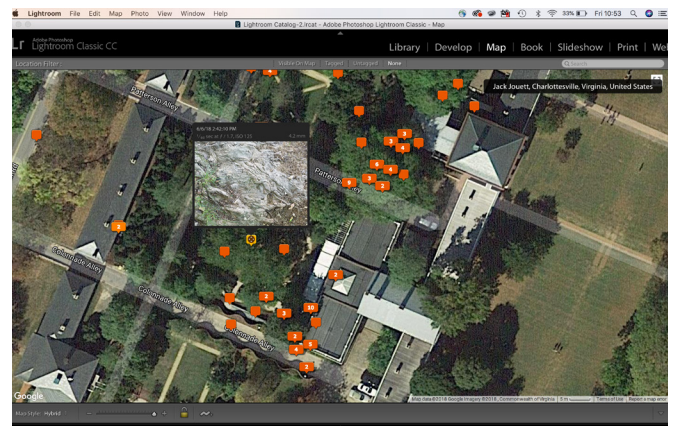
GEOLOCATING:

Choose the *Map* tab. Lightroom’s built in map module displays the location of images that have geographical coordinates in their metadata. Depending on how those coordinates were derived, they may be fairly accurate or way off. Dragging images on the map will rewrite the coordinates giving you a more accurate representation of their location.

Double-click on an image tab to display the associated image. To change an image’s location, simply drag its tab.

Images with very close coordinates will be grouped. Double-click a group and use the left and right arrows in the window to see the images in that group. You can drag an image location out of a group by click-dragging the displayed image.

The changes made to an image’s GPS metadata field have to be saved. Once you have made the desired changes, choose *Photo > Save Metadata to File*.



MAKING METADATA CHANGES AUTOMATIC:

In the above example, we manually saved changes to the image metadata. To make this process automatic, on the menu-bar, choose *Lightroom > Catalog settings...* and check *Automatically write changes into XMP*.

Now any changes we make to an image's metadata — GPS coordinates, keywords, etc. — will be automatically written. XMP (Extensible Metadata Platform) is a format for storing metadata.

