Lightroom Sync

# Introduction

This document describes the operation of a program called LRSync, a Python script which keeps the Lightroom database in sync between the MacBook and iMac.

Lightroom stores all information about photos in a catalog. This is a database which resides on the local hard drive of the system. When Lightroom exits, a backup of the database is made to a backup folder. The backup folder is kept on the removable drive which contains all of the raw photos:

|  |  |
| --- | --- |
| System | Backup Folder |
| Mac Book | /Volumes/Photos/Photos/Main/MacBook LR Backup |
| iMac | /Volumes/Photos/Photos/Main/iMac LR Backup |

The location of the Lightroom database:

|  |  |
| --- | --- |
| System | Backup Folder |
| Mac Book | /Users/johnanderson/Pictures/Main |
| iMac | /Users/john/Pictures/Lightroom |

Lightroom catalogs have a .lrcat extension.

LRSync compares the date and time of latest backup copy from the other system to the catalog on the current system. If the date and time of the other system’s catalog backup is newer than the current catalog with the same name, it is copied from the backup location to the working folder. If older or the same, no action is taken.

# Usage

The LRSync script is invoked with command line options as follows:

Python LRSync.py –catalogfolder *folder* --backupfolder