

Adobe®

Photoshop® Lightroom™ 1.1 Read Me

Welcome to Adobe® Photoshop® Lightroom™ 1.1. This document contains late-breaking product information, updates, and troubleshooting tips not covered in the Lightroom documentation.

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Minimum system requirements

Windows

- Processor: Intel® Pentium 4
- OS: Microsoft® Windows® XP with Service Pack 2 or Windows Vista™ Home Premium, Business, Ultimate, or Enterprise Edition
- RAM: 768 MB (1 GB Recommended)
- Hard Disk: 1 GB of available hard-disk space
- Media: CD-ROM drive
- Display: 1024 x 768 Monitor Resolution

Macintosh

- Processor: PowerPC® G4, G5, or Intel-based Mac
- OS: Mac OS X 10.4
- RAM: 768 MB (1 GB Recommended)
- Hard Disk: 1 GB of available hard-disk space
- Media: CD-ROM drive
- Display: 1024 x 768 Monitor Resolution

Install your software

1. For computers with Lightroom 1.0 currently installed:
 - Download the Lightroom 1.1 update from Adobe.com. (<http://www.adobe.com/downloads/updates/>)
 - Open the folder and double-click Adobe Photoshop Lightroom (Windows or Mac OS), and then follow the on-screen instructions.
2. For computers without a previous version of Lightroom 1.0 installed:
 - The latest version of Lightroom is available for download on Adobe.com. There is no need to install Lightroom 1.0 before updating to Lightroom 1.1. Please download the latest available Lightroom 1.1 version and proceed with the following installation. (<http://www.adobe.com/downloads/updates/>)
 - Open the folder and double-click Adobe Photoshop Lightroom (Windows or Mac OS), and then follow the on-screen instructions.

Note: Lightroom 1.1 will automatically remove the Lightroom 1.0 executable and replace the folder "Adobe Photoshop Lightroom" with "Adobe Photoshop Lightroom 1.1"

Serial Numbers

1. You can find the 24-digit serial number (e.g. 0000 0000 0000 0000 0000 0000) on the back cover of your CD holder. Online or Electronic Software Delivery(ESD) customers and those who purchased from a Tryout CD will find the serial number both on the receipt page from the online store, and in the e-mail confirmation you received. You will be asked for this number when installing Photoshop Lightroom.
2. If your new 24-digit serial number does not work, please contact Adobe Customer Service at 800-833-6687 for assistance. For those outside North America, please contact Adobe Customer Service in your region for assistance.

General Program Notes

Supported File Formats:

- JPEG
- TIFF (8 bit, 16 bit)
- PSD (8 bit, 16 bit)
- DNG
- Raw (Please visit <http://www.adobe.com/products/photoshop/cameraraw.html> for a full list of raw file support)

Important File Format Support Exceptions (Formats not supported):

- CMYK Files
- PSD files saved without a composite image. (Saved without "Maximize Compatibility" setting)
- Files with dimensions greater than 10,000 pixels per side
- All video files, specifically those acquired by digital still cameras

Photoshop Lightroom 1.0 Users

Lightroom 1.1 includes many new features and enhancements not available in Lightroom 1.0. Please read the following information to learn more about migrating your previous Lightroom 1.0 libraries to Lightroom 1.1.

Libraries to Catalog migration

In Lightroom 1.0, the documentation refers to the database (or .lrdb file) that stores information about your images as a library. Based on feedback from the community and the way in which these files were stored and shared, the terminology has been updated to refer to these entities as catalogs (or .lrcat file).

Upgrading the Lightroom 1.0 Library to Lightroom 1.1 Catalog

Lightroom 1.0 libraries can be updated to the new catalog format by installing Lightroom 1.1 and opening the library file. If you have a single library, Lightroom 1.1 will automatically open that file upon launch and indicate that Lightroom needs to update the format of your original file.

Additional Notes:

- Please specify a backup location for your database prior to continuing the upgrade process
- The duration and responsiveness of Lightroom during the catalog upgrade process is based on the size of your existing catalog and your current hardware configuration. This operation cannot be cancelled. Please do not force quit or use the task manager to quit Lightroom during this procedure.
- You may choose a different catalog to upgrade at this time by using the Choose Catalog option
- Catalogs upgraded to Lightroom 1.1 format cannot be opened by Lightroom 1.0
- During this process Lightroom will check the 'integrity' of your Lightroom catalog. This is to ensure that the information in the catalog is properly stored within the file.

Known Issues

The following are known issues in Lightroom 1.1:

- Once Lightroom 1.1 has been installed on a Mac, the Lightroom 1.0 installer will not replace Lightroom 1.1 without further user intervention. (To install Lightroom 1.0, delete the file /Library/Receipts/Adobe\ Photoshop\ Lightroom.pkg and /Applications/Adobe Lightroom.app. Then reinstall Lightroom 1.0.)
- Printing on Vista using the Manage by Printer color management setting may produce unsatisfactory results. It's recommended that specific printer profiles be selected for that setting.
- Within the web module on Windows, the preview HTML display does not preview the selected rollover cell color selected. The final HTML output will present the correct color on rollover.
- Lightroom may be unable to see or import raw files directly from attached Canon cameras on Windows XP. Please visit Canon's technical support web site for information on this known driver issue or use a dedicated card reader to import files captured with Canon cameras.
- Lightroom may experience decreased performance when virus software is monitoring Lightroom's disk or database activity.
- Lightroom may experience decreased performance when the preference to "Update XMP Automatically" is turned on in the preferences.
- Adobe applications must be updated with the Camera Raw 4.1 plug-in order to ensure compatibility with Lightroom 1.1 develop module settings. The following products will support the Camera Raw 4.1 plug-in: Photoshop CS3, Photoshop Elements 4.01 for Mac, Photoshop Elements 5.0 and Premiere Elements 3.0 for Windows
- If the Convert to DNG command returns the error: "An error occurred while converting file *image.raw*" please check to make sure that the volume the image is located on is not locked or read-only.
- Transparent Identity Plates are not rendered properly when web galleries are previewed in Lightroom using Internet Explorer 6.
- The date format shown at the top of the import dialog may display English formatting in the Japanese version of Lightroom 1.1 for the Mac. Please note that the date format is set in the Format section of International settings. Date format is not linked to the current system language.(1465684)
- It is not possible to drag and drop TIFF, PSD or PDF files onto the Graphical Identity Plate area of the Lightroom 1.1 Windows Identity Plate window. PSD and PDF Identity plates are not currently supported in Lightroom on Windows and TIFF files must be selected using the Locate command. (1467022)
- Photoshop Lightroom User Guide Corrections
 - Chapter 1, Page 79 "Tone a grayscale photo." Correction of Item 3: "Set the Balance slider to balance the effect between the Highlight and Shadow sliders. *Positive values increase the effect of the Shadow sliders; negative values increase the effect of the Highlight sliders.*"
 - Chapter 4, Page 30 "Compare photos in the Library module." The selected icon has changed to include a cross line and more closely resembles an "X."
 - Chapter 4, Page 34 "Set library view options for Loupe view ." Show info overlay is not displayed by default
 - Chapter 4, Page 37 "Rotate photos in the Library module." The toolbar pop-up menu is not available in the Compare view.
 - Chapter 4, Page 42 "Update photos changed by another application." The behavior described in the referenced section only applies if the Lightroom preference is set to automatically write changes to XMP.
 - Chapter 4, Page 47 "Tips for working with stacks." The following statement is incorrect: "Keyword tags applied to a collapsed stack are applied to all photos in the stack." Keyword tags applied to a collapsed stack only apply to the top photo.
 - Chapter 4, Page 48 "Expand and collapse stacks." The tip regarding navigation of a closed stack view is incorrect. Close stacks may not be navigated in the loupe view using the navigation arrows.

New in Lightroom 1.1

Lightroom 1.1 provides many new features and enhancements to existing features the most notable of which are listed below.

General

- Template Browsers in the Slideshow, Print, and Web module as well as the Preset Browser in the Develop module are now hierarchical, allowing for a one-level deep hierarchy. Folders can be created by choosing the Folder drop-down option below the preset or template name field.

- The "breadcrumbs" text at the top of the filmstrip now changes the highlighted item based on context. For example, if a command in Library will affect all selected photos, the text "5 selected" is highlighted instead of the filename. In output modules, the highlighted section indicates which photos are being included in the output of the module.
- The filmstrip filter now includes additional icons to show only negative(master) photos or virtual copies
- When importing from removable media, Lightroom provides the option to eject-after-import.
- Lightroom now supports all of the available DNG conversion settings:
 - File Extension
 - JPEG Preview Size
 - Image Conversion Method
 - Compression
 - Embed Original Raw File
- Preferences have been separated into global application preferences and catalog-specific settings:
 - Catalog Specific
 - Backup options
 - Preview size
 - Sequence numbers
 - Metadata browser options
 - XMP metadata handling
 - Optimize Catalog: This command will be useful for larger databases that seem to perform below their initial levels. Optimization is also a part of the upgrade process and provides the most benefit after Lightroom has performed a number of catalog operations. (additions, deletions, changes, etc.)
 - Additional global preferences
 - Default camera raw settings can now be shared with Camera Raw 4.1 and be set on a per camera model, serial number or ISO setting basis
 - Store presets with catalog file
 - Treat JPEG files with the same name as a neighboring raw file as a separate photo
 - Edit externally file naming presets
 - Option to read and respect various hierarchical separator formats in the dc:subject keyword field on import
 - Additional panel end marks have been included in the interface preferences

Library Module

- Ctrl-clicking or right-clicking on a photo will provide a method of directly locating and viewing the image folder in the Library
- A Copy Name field is available in the default Metadata panel. This field is blank by default for normal photos, but is set to "Copy 1", "Copy 2", etc. for subsequent virtual copies of that image. This field is available in the naming tokens under the same popup that contains "Original Name" for use when generating filenames on export. It is also searchable with the Find panel.
- A virtual copy may be set as the master image using the Photo file menu. The previous master will be set as a virtual copy
- The Find panel layout has been improved
- The Keyword Stamper tool in the Library toolbar has been replaced by a spray can that be utilized as a general purpose applicator. The spray applicator now allows application of keywords, ratings, flags, labels, develop presets, metadata presets, and rotations. The icon can be used to click-and-drag to apply the specified content to multiple photos at one time.
- A Ctrl-click or right-click on a folder in the Library provides a new "Synchronize Folder" command that can check for new images in the folder, check for missing photos and scan for metadata updates.
- Catalog Export provides the ability to select a subset of a current catalog(any active selection) and create a new independent catalog file including only the selected images. The exported catalog has the option to include the master files or negatives and the previews associated with the files. A common use of an exported catalog would be to export a portfolio collection from a desktop computer to be used on a laptop computer for a lightweight portable presentation catalog.
- Catalog import provides photographers with the opportunity to merge existing catalogs of different or identical images. A common use of catalog import would be to merge a set of photographs temporarily stored on a laptop with a larger set of images stored on a separate computer.
- Catalog import conflict: If the file sets overlap during a catalog import, the import dialog offers several options for "Existing Photos."

Metadata

- Develop snapshots are now stored in XMP
- Metadata can now be updated in the file using the Command(ctrl) + S shortcut
- Hierarchical keywords are now stored in XMP. Keywords removed in other editors will not be removed from Lightroom. Keyword synonyms and other keyword export options will only be applied when you export from Lightroom and not to the XMP of your negative
- The Metadata menu has a new option to update previews along with metadata in DNG. This menu will operate on your selection in the grid view
- The copyright status field has been added to the metadata panel
- Metadata presets can now be viewed, renamed, deleted, and updated in the Edit Presets dialog.
- The metadata browser now shows ISO, Aperture, Shutter Speed, and Label
- The metadata panel now has "action" arrow buttons next to a selection of data fields.

Develop module

- Clarity: New Control available in the Basic panel. Clarity adds depth to an image by increasing local contrast. When using this setting, it is best to zoom in to 100% or greater. To maximize the effect, increase the setting until you see halos near the edge details of the image, and then reduce the setting slightly.
- Sharpening Improvements:
Additional controls available in the Detail panel. The zoom level must be set to 100% or greater in order to view the effects of these controls.
 - Amount: Adjusts edge definition. Increase the Amount value to increase sharpening. A value of zero turns off sharpening. In general, set Amount to a lower value for cleaner images. The adjustment locates pixels that differ from surrounding pixels based on the threshold you specify and increases the pixels' contrast by the amount you specify. Press Alt (Windows) or Option (Mac OS) while dragging this slider to view the sharpening on a grayscale preview.
 - Radius: Adjusts the size of the details that sharpening is applied to. Photos with very fine details may need a lower radius setting. Photos with larger details may be able to use a larger radius. Using too large a radius will generally result in unnatural looking results. Press Alt (Windows) or Option (Mac OS) while dragging this slider to preview the radius effect on edge definition.
 - Detail: Adjusts how much high-frequency information is sharpened in the image and how much the sharpening process emphasizes edges. Lower settings primarily sharpen edges to remove blurring. Higher values are useful for making the textures in the image more pronounced.
 - Masking: Controls an edge mask. With a setting of zero, everything in the image receives the same amount of sharpening. With a setting of 100, sharpening is mostly restricted to those areas near the strongest edges. Press Alt (Windows) or Option (Mac OS) while dragging this slider to see the areas to be sharpened (white) versus the areas masked out (black).
- You can now load a snapshot or history state into the Before view by ctrl-clicking or right-clicking it in the panel.

Slideshow module

- The Slideshow module now uses a different mechanism to present the slideshow in order to generate smoother transitions.
- By default, slideshows will now only include the selected photos if there is more than one photo selected.

Print module

- There is now a checkbox next to Print Resolution. Turning off this checkbox will cause the native resolution of the photo to be used given that it falls within the range of 72 and 480 ppi.
- There is an available overlay on the print preview that shows the dimensions of the photo inside each cell (in the print units) and if a specific resolution is not being used the resolution each photo will be printed at.

Web module

- The following options are now included:
 - Include all metadata with files generated from Web, or to elect to minimize the metadata to just the content of

- the Copyright field
- Only use selected photos
- Turn off section borders
- Apply drop-shadows and photo borders

Working with Lightroom 1.1 and Adobe Photoshop Camera Raw

Lightroom and Photoshop Camera Raw share the same image processing technology to ensure consistent and compatible results across applications that support raw processing. These applications include Photoshop CS3, Photoshop Elements 4.01 for Mac, Photoshop Elements 5.0 and Premiere Elements 3.0 for Windows.

Photoshop Camera Raw 4.1

Adobe applications must be updated with the Camera Raw 4.1 plug-in in order to ensure compatibility with Lightroom 1.1 develop module settings. Photoshop CS3 users can update the Camera Raw plug-in automatically using the Update tool listed under the Help menu. The Camera Raw 4.1 plug-in can also be downloaded and installed manually by visiting the Adobe web site: www.adobe.com/products/photoshop/cameraraw.html. Please follow the installation instruction carefully.

Sharing Lightroom Settings with Camera Raw 4.1

By default, Lightroom's develop module settings are stored in Lightroom's database. In order to ensure that Lightroom develop settings can be viewed by Camera Raw 4.1 the settings must be written to the XMP metadata block for that file. This metadata is stored in an XMP sidecar file (Imagename.xmp) in the current image directory of proprietary raw files or stored directly within DNG files. To update images with the latest develop settings, choose the library module and select the group of target images. Choose the shortcut Command(Ctrl) + S to save the settings to the XMP metadata block.

Viewing Lightroom settings in Camera Raw 4.1

Before working in conjunction with Lightroom and Camera Raw please set the Camera Raw preference to: Save image settings in: Sidecar ".xmp" files. By default Camera Raw will display the image adjustments exactly as performed in Lightroom's develop module.

Viewing Camera Raw settings in Lightroom

Raw files edited by previous versions of Camera Raw files will maintain their previous appearance when imported into Lightroom. Note: Those files must have been edited with the preference set to Save image settings in: Sidecar ".xmp" files in order for Lightroom to respect the previous edit. Files edited in Camera Raw after importation into Lightroom can be updated in Lightroom by choosing the "Read Metadata from Files" from the Metadata file menu. Note: This menu option is only available in the Lightroom Library.

Additional Notes on Camera Raw and Lightroom

- Camera Raw will only read the current settings for the primary image in the Lightroom Library. Virtual Copy adjustments and Snapshot adjustments will not be displayed or available in Camera Raw 4.1

Customer care

Customer Service

Adobe Customer Service provides assistance with product information, sales, registration, and other non-technical issues. To find out how to contact Adobe Customer Service, please visit Adobe.com's main page for your region or country and click on 'Contact'.

Technical Plan Options and Technical Resources

If you require technical assistance for your product, including information on free and paid support options and troubleshooting resources, more information is available at www.adobe.com/go/support/. For outside of North America www.adobe.com/go/intlsupport/. Free troubleshooting resources include Adobe's support knowledgebase, Adobe user-to-user forums and more.

Other resources

Online Resources

Design Center at www.adobe.com/designcenter.

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