Adobe®
Photoshop® Lightroom®1.4.1 Read Me

Welcome to Adobe® Photoshop® Lightroom® 1.4.1 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 or Mac OS X 10.5
- 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 currently installed:
   - Download the Lightroom 1.4 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 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 1.4. Please download the latest available Lightroom 1.4 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.

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)

> Newly Supported Raw File Formats:
> Canon   EOS 450D (Digital Rebel XSi/EOS Kiss X2)
> Fujifilm   S100FS
> Nikon   D60
> Olympus   SP-570 UZ
> Pentax   K20D
> Pentax   K200D
> Sony   A200
> Sony   A300
> Sony   A350

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, including those acquired by digital still cameras

New in Lightroom 1.4

UPDATE FOR LIGHTROOM 1.4:
Lightroom 1.4.1 includes corrections for the following issues:
(These issues are specific to the 1.4.1 update. Lightroom 1.4.1 also includes all of the previous updates listed for Lightroom 1.4 below)

- Lightroom 1.4 incorrectly modified the EXIF time date field of images that had a metadata update applied. This incorrect modification does not appear in Lightroom or Bridge and is only viewable through third party EXIF tools. This error has been corrected in Lightroom 1.4.1 and all files in a Lightroom catalog that have been incorrectly modified will be corrected on their next metadata update. (Metadata can be updated by selecting the files in the Library grid view and choosing Command or CTRL + S to save and update the metadata.)
- Olympus JPEG files could render incorrectly in Lightroom 1.4, displaying an artifact in the exported file.
- Any conversion to DNG in Lightroom 1.4 would cause the DNG file to become unreadable by Lightroom's Develop Module or Camera Raw 4.4 in Photoshop. The issue has been corrected and files should be converted to DNG again in order to resolve the issue for existing files. Returning to the original native raw files is not necessary. The affected DNG files can be selected and converted again using the DNG Converter 4.4.1 available at www.adobe.com/dng/
- Lightroom 1.4 provided degraded import performance relative to Lightroom 1.3.
- The Lightroom 1.4.1 update also reflects the Lightroom 1.4 notes below.
- The Lightroom team apologizes for the inconvenience caused by the issues presented in the initial Lightroom 1.4 update.

Lightroom 1.4 includes corrections for the following issues:

- Compatibility with legacy printer drivers on OS X 10.5 (Leopard) has been updated.
- Previous camera profiles identified in the Calibrate panel of the Develop module may have displayed poor results at extreme ends of the temperature and tint ranges. A new camera profile identified as Camera Raw 4.4 is now available and will be applied by default to all images without existing Camera Raw or Lightroom settings. The creation of new default profiles will also include the updated Camera Raw 4.4 profile. Images edited in Camera Raw or Lightroom with earlier profiles will retain the earlier profile value and visual appearance.
- In previous grayscale conversions the Color Noise setting was disabled and this could result in an image with excessive noise when grayscale channel mixing is applied. Both the tool and effect have been enabled in Lightroom 1.4 providing the ability to reduce noise in grayscale conversions. In order to return to the prior visual appearance, Color Noise reduction can be set to zero.

Lightroom 1.4 includes the following known issues:

- In the print module, deselecting the Identity Plate option when the option to render on every image is already applied will result in no change and the Identity Plate will be applied to every image. To remove the Identity plates, deselect the option to render the Identity Plates on every image then deselect the Identity Plate option.

Working with Lightroom 1.4 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 6.0 and Premiere Elements 4.0 for Windows.

Photoshop Camera Raw 4.4
Adobe applications must be updated with the Camera Raw 4.4 plug-in in order to ensure compatibility with Lightroom 1.4 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 4.4 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 4.4
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 4.4 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 4.4
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 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 4.4

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.

4/4/2008