Adobe®
Photoshop® Lightroom™ 1.3.1 Read Me

Welcome to Adobe® Photoshop® Lightroom® 1.3.1 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 1.3.1 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 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 1.3.1. Please download the latest available Lightroom 1.3.1 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.

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   1Ds Mark III
  Canon   PowerShot G9
  Nikon   D3
  Nikon   D300
  Olympus   E-3
  Olympus   SP-560 UZ
  Panasonic   DMC-L10

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 1.3 and Lightroom 1.3.1

UPDATE FOR LIGHTROOM 1.3.1:
Lightroom 1.3.1 includes additional corrections for the following issues:
(These issues are specific to the 1.3.1 update. Lightroom 1.3.1 also includes all of the previous updates listed for Lightroom 1.3 below)

- The Lightroom 1.3 Print Module could previously cause the application to crash on either OS X 10.5 or 10.5.1 during template usage.
- On Mac OS X 10.5 or 10.5.1, the import process from a card reader or other device into Lightroom could fail to import all or a portion of the selected images.
- A decrease in Develop slider responsiveness introduced in Lightroom 1.3 has been corrected.
- The Lightroom 1.3 Develop module could cause the application to crash if adjustments were made in quick succession.
- Compressed raw files from the Nikon D100 were read incorrectly in Lightroom 1.3.
- A possible artifact in raw file support for the Olympus E-3 has been corrected.
- The Lightroom FTP Plug-in provided as sample code with the Export SDK did not function properly if the password was not saved with the selected FTP preset.
- Editing or creating a new FTP preset immediately prior to using the FTP plug-in provided as sample code with the Export SDK would cause the FTP process to fail.
- Using the Export as Previous option did not work with the FTP plug-in provided as sample code with the Export SDK.

Lightroom 1.3 includes corrections for the following issues:

- Writing XMP metadata automatically has been corrected for performance issues
- Printing with the native resolution option enabled no longer sets the wrong dimension for portrait oriented images
- Prior to Camera Raw 4.3 there was the possibility that artifacts in edge transitions could be introduced through the Bayer demosaic and luminance noise reductions algorithms. This has been corrected.
- The Canon sRAW format and the Fuji compressed RAF formats are now supported.

Lightroom 1.3 includes the following enhancements:

- The import dialog now offers the option to render 1:1 previews as part of the import process
- The export dialog layout has been enhanced
- A Lightroom Preview Export SDK is available for developers to create and distribute Export Plug-ins. Further details are located on Adobe Labs

Working with Lightroom 1.3 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 3.0 for Windows.

Photoshop Camera Raw 4.3
Adobe applications must be updated with the Camera Raw 4.3 plug-in in order to ensure compatibility with Lightroom 1.3 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 4.3 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 4.3
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 4.3 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 4.3
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 4.3

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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