Exploring Photos

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Presentation

Changes from iPhoto - Slide

- Star ratings > Keywords
- Flagged items > Favorites
- Events > Albums
- Geotags - unchanged
- Faces - unchanged
- Projects - unchanged (section of the sidebar)
- iPhoto library is still there – edits won't be imported

Decide on a workflow - Slide

- Let Photos manage everything - all files imported to Photos library (default)
- Manage your own photos
    - Keep photos in external folders
    - Edits for user-managed photos saved in library
    - Edits blocked if original photo deleted
- Use iCloud?

Photo Libraries - Slide 1

- Mac
    - System Photo Library
    - iPhoto Library
    - Other Photo Library
- In the Cloud: iCloud Photo Library (iCPL)
- Mobile: iDevice Photo Libraries
- Suggestion: Use the System Photo Library only for photos you want to share.
- Hold ⌥ while opening Photos to select library or create new one.

Photo Libraries - Slide 2

Diagram showing libraries

Photo Libraries - Slide 3

- iCloud Preferences

Navigate and Organize - Slide

- Button Bar (Sidebar closed)
- Sidebar (Toggle using ⌘ ⌥ S)
    - Albums (Default and Created)
    - Smart Albums (Created)
    - Folders (Created)
    - Projects (Created)
- Photos organized by date
- Use Search to find photos based on keyword, location, face name, etc.

Adding Photos - Slide

- Import from iPhoto / Aperture
- Import from files on Mac:
- Import from attached devices
- Deleted photos kept in trash for 40 days
- Duplicates are tagged as already imported

Edit Photos - Slide

- One click enhancement, crop, rotate, use filters, fix red-eye
- Add metadata: keywords, face names, Favorites.
- Edit the EXIF
- Can undo changes

Adjustments - Slide

- Histogram
- Lightness
- Color
- Black & White
- Sharpen
- Definition
- Noise Reduction
- Vignette
- White Balance
- Levels
- Retouch Tool
- Adjustments can be copied to other photos

Create Projects - Slide

- Albums
- Smart Albums

- Books, Calendars, Cards, Prints
- Slideshows

Share Photos - Slide

- iCPL - share between your devices
- Shared Albums - iCloud Photo Sharing
- Export to email, social media, Dropbox, other

Photos 1.1 - Slide

Photos 1.1 will be released with El Capitan in the fall (and in the public beta).

Important changes:
- Geotagging
- Batch titling
- Album sorting by title
- Editing extensions from third-party developers
- Batch organize faces
- Faster launching of large libraries

Questions - Slide

1. Can I change crop default setting? - NO
2. Can I batch edit a group of pictures? -NO
3. Can I sort photos by title? - NO
4. Does Photos support RAW? - YES
5. Can I still use iPhoto? - YES
6. How can I remove duplicates? - use a third-party app

Tip: Use SHIFT ⌥ while cropping an image to retain original aspect ratio.

Notes

Changes from iPhoto - Notes

- First time — single iPhoto library automatically imported
- Multiple libraries — you must choose a library to import
- Hold option (⌥) key down to bring up Choose Library dialog
- Don't use iCloud Photo Library until you know if that is for you
- Existing iPhoto library is intact
- The two libraries are connected by hard links, not duplicated
- Editing a photo in either library breaks the hard link
- More about hard links: http://sixcolors.com/post/2015/02/the-hard-link-between-photos-and-iphoto/
- You can safely throw away your old iPhoto library and delete any image from it without affecting any of the images that have been imported to Photos.

- The actual image exists somewhere on the disk, and there are two pointers to the image (one from the old library and one from the new library). So long as at least one of those pointers exists, the data is kept. But when the last pointer is removed (i.e. the iPhoto library itself is removed, then the image is removed from the Photos library), the data is also removed.
- If you are importing from an SD card, files are copied into your Photos Library File (managed) even if you have unchecked "Copy Items to Photos Library" in your preferences.
- If the files are already in your hard disk, they are left untouched and are not copied into the Photos Library File (Files are kept managed).
- Dragging a folder with photos into Photos will import all files without moving them into the Photos Library File.
- If you choose File->Import and choose the folder you want to import, you have the ability to choose which photos to import.

Decide on a workflow - Notes

- Directly from camera or device?
- Photos > Preferences > General
- Uncheck "copy items to photos library"
- Use image capture and save to folders?
- Original and modified files are stored in the database.
- iPhoto and Photo databases linked by "hard links", not duplicated.

Photo Libraries - Notes

- System Library - sync to iCPL. You can change it, but old and new will be merged. Can't be reversed.
- Store your entire library in iCloud for access from all devices and the web - initial load slow
- Download originals to Mac, or store in iCloud
- iPhoto Library is linked, not duplicated.
- Can use multiple libraries.
- Default location is in Pictures folder - can be moved.
- Use of iCPL is optional.
- Monthly Storage cost - 5GB free, 20GB $1, 200GB $5 , 500GB $10, 1TB $20
- If you disable iCPL you will have 30 days to download your library to at least one device
- Launch and Repair library by holding ⌘ ⌥ held while opening Photos.

Navigate and Organize - Notes

- Button Bar (Photos - Shared - Albums (shared) - Projects
- Photos View (Years - Collections - Moments)
- Default Albums (All Photos - Faces - Last Import - Favorites)
  - Years View: Click and drag to locate the image you're after.
  - Collections View: Images captured during a particular time and in a specific place. (like iPhoto's Events view) - grouped
  - Moments View: By date, time, location
- Albums
- Smart albums: Based on filters: metadata, keyword, faces

- Folders: Can contain folders, albums or smart albums

Adding Photos - Notes

- Demonstrate File Import
- Demonstrate Drag-and-Drop
- Demonstrate adding a duplicate
- Show deleted photo folder (File > Show Recently Deleted)

Edit Photos - Notes

- Toggle side panel
- Add metadata - ⌘ I
- View Keyword manager - ⌘ K
- Open Edit window - double-click on photo
- Enhance, crop, rotate

Adjustments - Notes

- Histogram: Shows the tonal range of the image.
- Most options have additional controls.
- Use sliders on many options.
- Copy and Paste Adjustments: Choose Image > Copy Adjustments
- Save settings as a new default

Create Projects - Notes

- Create a slideshow from Moments
- Create a calendar from Moments

Share Photos - Notes

- My Photo Stream - import photos w/out iCPL
- iCloud Photo Sharing only works with the System Photo Library

Resources

Articles and Videos

- MacMost Editing With the Photos App
- Six Colors: Photos for Mac: Quick answers to simplified questions
- How to View EXIF Data of Any Picture in Photos for Mac
- How to Stop Photos Copying Images & Creating Duplicate Files in Mac OS X
- Photos Video Field Guide – sample
- Photos Video Field Guide – complete The full screencast is two and a half hours and fully bookmarked. $9.99

- Six Colors: Hands on with Photos for Mac 1.1
- How-To: Safely shrink your Mac's giant photo library, deleting duplicate images to save space | 9to5Mac
- Photos for OS X | PhotosApps.Expert
- Use Photos With Multiple Photo Libraries to Reduce iCloud Storage Cost - Tom Nelson article
- How to Stop Photos Opening Automatically on Mac OS X when iPhone or Camera Connects
- How to Recover Deleted Images in Photos App for Mac OS X

Apps

- PhotoSweeper $10
- Mac App Store - Photos Duplicate Cleaner free
- Mac App Store - Duplicate Photos Fixer Pro $1 (temporary price)
- Unbound for Mac - A Faster, Simpler Photo Manager $10
- Emulsion for Mac - $50 - photo cataloging, management, batch editing