Learn iPhoto the Quick and Easy Way!

FOR MAC OS X

ADAM C. ENGST
Visual QuickStart Guide

iPhoto ’09 for Mac OS X
Adam C. Engst

Peachpit Press
1249 Eighth Street • Berkeley, CA 94710
510/524-2178 • 510/524-2221 (fax)
To report errors, please send a note to errata@peachpit.com.
Peachpit Press is a division of Pearson Education.

Copyright © 2009 by Adam C. Engst

Editor: Cliff Colby
Production Coordinator: Lisa Brazieal
Copyeditor: Tonya Engst
Compositor: Adam C. Engst
Indexer: James Minkin
Cover Design: Peachpit Press

Notice of rights
All rights reserved. No part of this book may be reproduced or transmitted in any form by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of the publisher. For information on getting permission for reprints and excerpts, contact permissions@peachpit.com.

Notice of liability
The information in this book is distributed on an “As Is” basis, without warranty. While every precaution has been taken in the preparation of the book, neither the author nor Peachpit Press shall have any liability to any person or entity with respect to any loss or damage caused or alleged to be caused directly or indirectly by the instructions contained in this book or by the computer software and hardware products described in it.

Trademarks
Visual QuickStart Guide is a registered trademark of Peachpit Press, a division of Pearson Education. iPhoto, iTunes, iDVD, and iMovie are registered trademarks and/or registered service marks of Apple Inc. Many of the designations used by manufacturers and sellers to distinguish their products are claimed as trademarks. Where those designations appear in this book, and Peachpit was aware of a trademark claim, the designations appear as requested by the owner of the trademark. All other product names and services identified throughout this book are used in editorial fashion only and for the benefit of such companies with no intention of infringement of the trademark. No such use, or the use of any trade name, is intended to convey endorsement or other affiliation with this book.


9 8 7 6 5 4 3 2 1

Printed and bound in the United States of America
Dedication

To my son, Tristan Mackay Engst, the subject of so many of my photographs.

About the Author

Adam C. Engst is the publisher of TidBITS, one of the oldest and largest Internet-based newsletters, and the Take Control electronic book series (with print collections published by Peachpit Press), both of which have helped tens of thousands of readers (find them at www.tidbits.com). He has written numerous computer books, including the best-selling Internet Starter Kit series, and many articles for magazines, including Macworld, where he is currently a contributing editor. His photos have appeared in juried photography shows.

His indefatigable support of the Macintosh community has resulted in numerous awards and recognition at the highest levels. In the annual MDJ Power 25 survey of industry insiders, he consistently ranks as one of the top five most influential people in the Macintosh industry, and he was named one of MacDirectory’s top ten visionaries. And how many industry figures can boast of being turned into an action figure?

Please send comments about this book to Adam at iphoto-vqs@tidbits.com.

Other Books by Adam C. Engst

Take Control of Your Wi-Fi Security

Take Control of Buying a Mac

The Wireless Networking Starter Kit

Internet Starter Kit for Macintosh
Special Thanks

No book is the work of a single person, and many people helped with this one, including:

- Tonya Engst (not only my wonderful wife, but also a great copyeditor)
- Cliff Colby (my first new Peachpit editor in years!)
- Lisa Brazieal (spotter of wayward pixels!)
- Nancy Ruenzel (for giving me the nod on this book way back when with iPhoto 1.0)
- Scott Cowlin (for marketing wizardry)
- Chris Engst (for watching Tristan!)
- Glenn Fleishman, Marshall Clow, Fred Johnson, and David Blatner (without whose help I could never have explained color management and resolution)
- Keith Kubarek, Sandro Menzel, Cory Byard, and Laurie Clow (for their photography knowledge and tips)
- Jeff Carlson, Glenn Fleishman, Joe Kissell, Doug McLean, Tonya Engst, Matt Neuburg, and Mark Anbinder (for helping keep TidBITS running)
- The High Noon Athletic Club, whose noontime runs kept me more or less sane.

Technical Colophon

I wrote this book using the following hardware and software:

- An 8-core 2.8 GHz Mac Pro with a pair of 24-inch Dell monitors, and Canon PowerShot S100, S400, and SD870IS digital cameras
- Mac OS X 10.5 Leopard, iPhoto ’09, Adobe InDesign CS3, Snapz Pro X for screen shots, and the Peachpit VQS template

Featured Photographers

I took most of the photos in this book, but I also included some pictures from my sister, Jennifer Upson, and my father, Chris Engst. And of course, any photos that I’m in were probably taken by Tonya Engst or Tristan Engst (who is now 10 years old and loves to take pictures with his own Canon PowerShot SD850IS).
# Contents at a Glance

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 1</td>
<td>Getting Started</td>
<td>1</td>
</tr>
<tr>
<td>Chapter 2</td>
<td>Importing and Managing Photos</td>
<td>11</td>
</tr>
<tr>
<td>Chapter 3</td>
<td>Organizing Photos</td>
<td>29</td>
</tr>
<tr>
<td>Chapter 4</td>
<td>Working with Faces</td>
<td>63</td>
</tr>
<tr>
<td>Chapter 5</td>
<td>Working with Places</td>
<td>71</td>
</tr>
<tr>
<td>Chapter 6</td>
<td>Editing Photos</td>
<td>79</td>
</tr>
<tr>
<td>Chapter 7</td>
<td>Making Slideshows</td>
<td>113</td>
</tr>
<tr>
<td>Chapter 8</td>
<td>Publishing Photos on the Web</td>
<td>135</td>
</tr>
<tr>
<td>Chapter 9</td>
<td>Sharing Photos</td>
<td>147</td>
</tr>
<tr>
<td>Chapter 10</td>
<td>Printing Photos</td>
<td>157</td>
</tr>
<tr>
<td>Chapter 11</td>
<td>Troubleshooting</td>
<td>187</td>
</tr>
<tr>
<td>Appendix A</td>
<td>Deep Background</td>
<td>201</td>
</tr>
<tr>
<td>Appendix B</td>
<td>Taking Better Photos</td>
<td>209</td>
</tr>
<tr>
<td>Index</td>
<td></td>
<td>221</td>
</tr>
</tbody>
</table>
### Table of Contents

#### Chapter 1: Getting Started  
Hardware and Software Requirements ............ 2  
Acquiring iPhoto ................................ 3  
Installing iPhoto ................................... 4  
Updating iPhoto via Software Update ............ 5  
Updating to iPhoto ’09 ............................. 6  
Launching iPhoto ................................. 7  
iPhoto’s Modes .................................... 8  
Interface Overview .................................. 9  

#### Chapter 2: Importing and Managing Photos  
Entering Import Mode ............................... 12  
Importing from a Camera ......................... 13  
Importing from a Card Reader .................... 14  
Importing from Files ............................... 15  
Importing from Mail, Safari, and Other Apps ... 16  
Importing from an iPhoto Disc ................... 17  
Importing via Image Capture ..................... 18  
iPhoto Directory Structure ....................... 19  
Leaving Photos in Place ........................... 20  
Deleting Photos .................................... 21  
Culling Photos Quickly ............................. 22  
Recovering Photos ................................. 23  
Creating Multiple iPhoto Libraries ............ 24  
Switching between iPhoto Libraries .......... 25  
Back up Your Photos ............................... 26  
Other Backup Options ............................. 27  
Merging iPhoto Libraries .......................... 28

#### Chapter 3: Organizing Photos  
What’s New in Organize Mode ..................... 30  
Organize Tools Overview ......................... 31  
Changing the Display Pane’s Layout ............ 32  
Other Display Preferences ....................... 33  
Contextual Menu Shortcuts ....................... 34  
Moving around in iPhoto .......................... 35  
Working with Events .............................. 36  
Splitting and Merging Events .................... 37
<table>
<thead>
<tr>
<th>Chapter 4:</th>
<th>Working with Faces</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>The Faces of Faces</td>
<td>63</td>
</tr>
<tr>
<td></td>
<td>Putting a Name to a Face</td>
<td>64</td>
</tr>
<tr>
<td></td>
<td>Training Face Recognition</td>
<td>65</td>
</tr>
<tr>
<td></td>
<td>Fixing a Mistaken Face</td>
<td>66</td>
</tr>
<tr>
<td></td>
<td>Adding Info to People</td>
<td>67</td>
</tr>
<tr>
<td></td>
<td>Faces and Organize Mode</td>
<td>68</td>
</tr>
<tr>
<td></td>
<td>Deleting People from Faces</td>
<td>69</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chapter 5:</th>
<th>Working with Places</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>The Faces of Places</td>
<td>71</td>
</tr>
<tr>
<td></td>
<td>Working with Maps</td>
<td>72</td>
</tr>
<tr>
<td></td>
<td>Geotagging Photos</td>
<td>73</td>
</tr>
<tr>
<td></td>
<td>Adding New Places</td>
<td>74</td>
</tr>
<tr>
<td></td>
<td>Displaying Photo Locations on the Map</td>
<td>75</td>
</tr>
<tr>
<td></td>
<td>Browsing by Place</td>
<td>76</td>
</tr>
<tr>
<td></td>
<td>Putting Maps in Books</td>
<td>77</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chapter 6:</th>
<th>Editing Photos</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Entering Edit Mode</td>
<td>79</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Creating and Working with Folders</th>
<th>38</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creating Albums</td>
<td>39</td>
</tr>
<tr>
<td>Creating and Editing Smart Albums</td>
<td>40</td>
</tr>
<tr>
<td>Smart Album Ideas</td>
<td>41</td>
</tr>
<tr>
<td>Duplicating Sources</td>
<td>42</td>
</tr>
<tr>
<td>Renaming and Rearranging Sources</td>
<td>43</td>
</tr>
<tr>
<td>Deleting Sources</td>
<td>44</td>
</tr>
<tr>
<td>Selecting Photos</td>
<td>45</td>
</tr>
<tr>
<td>Adding Photos to Sources</td>
<td>46</td>
</tr>
<tr>
<td>Removing Photos from Sources</td>
<td>47</td>
</tr>
<tr>
<td>Sorting Photos</td>
<td>48</td>
</tr>
<tr>
<td>Assigning Titles to Photos</td>
<td>49</td>
</tr>
<tr>
<td>Assigning Descriptions to Photos</td>
<td>50</td>
</tr>
<tr>
<td>Editing Photo Dates</td>
<td>51</td>
</tr>
<tr>
<td>Assigning Ratings</td>
<td>52</td>
</tr>
<tr>
<td>Managing Keywords</td>
<td>53</td>
</tr>
<tr>
<td>Assigning and Removing Keywords</td>
<td>54</td>
</tr>
<tr>
<td>Hiding Photos</td>
<td>55</td>
</tr>
<tr>
<td>Flagging Photos</td>
<td>56</td>
</tr>
<tr>
<td>Searching with the Search Field</td>
<td>57</td>
</tr>
<tr>
<td>Searching by Date</td>
<td>58</td>
</tr>
<tr>
<td>Searching by Keyword</td>
<td>59</td>
</tr>
<tr>
<td>Searching by Rating</td>
<td>60</td>
</tr>
<tr>
<td>Viewing Basic Photo Information</td>
<td>61</td>
</tr>
<tr>
<td>Viewing Extended Photo Information</td>
<td>62</td>
</tr>
</tbody>
</table>

Chapter 4: Working with Faces

Chapter 5: Working with Places

Chapter 6: Editing Photos

Click here to buy the full 240-page “iPhoto ’09: Visual QuickStart Guide” for only $15!
# Table of Contents

- Edit Tools Overview (Main Window) .......... 81
- Edit Tools Overview (Full Screen) .......... 82
- Editing RAW Files ........................... 83
- Zooming Photos ............................ 84
- Duplicating Photos .......................... 85
- Rotating Photos ............................. 86
- Selecting Portions of Photos for Cropping .... 87
- Specific Aspect Ratios ....................... 88
- Cropping Photos ............................ 89
- Straightening Photos ........................ 90
- Enhancing Photos ........................... 91
- Reducing Red-Eye ............................ 92
- Retouching Photos ........................... 93
- Using the Effects Window .................... 94
- Using the Adjust Window ..................... 96
- Understanding the Levels Histogram ......... 97
- Adjusting Exposure .......................... 98
- Adjusting Levels ............................ 99
- Adjusting Contrast ........................... 100
- Adjusting Saturation ........................ 101
- Adjusting Definition ........................ 102
- Adjusting Highlight Detail ................... 103
- Adjusting Shadow Detail ..................... 104
- Adjusting Sharpness ........................ 105
- Reducing Noise .............................. 106
- Adjusting Temperature ........................ 107
- Adjusting Tint ............................... 108
- Undoing Changes ............................. 109
- Using an External Editor ..................... 110
- Working with Layers ........................ 112

## Chapter 7: Making Slideshows 113

- Types of Slideshows .......................... 114
- Slideshow Tools Overview .................... 115
- Creating and Deleting Saved Slideshows .... 116
- Setting up Slideshows ......................... 117
- Selecting a Slideshow Theme ................ 118
- Assigning Music to Slideshows ............... 119
- Selecting Default Settings ................... 120
- Manipulating Saved Slideshow Photos ....... 121
- Customizing Slides ........................... 122
- Editing Slide Photos ........................ 123
- Configuring the Ken Burns Effect .......... 124
- Controlling Slideshows ....................... 125
- Exporting Slideshows ......................... 126
<table>
<thead>
<tr>
<th>Chapter 8: Publishing Photos on the Web</th>
<th>135</th>
</tr>
</thead>
<tbody>
<tr>
<td>Syncing Photos to an iPod or iPhone</td>
<td>133</td>
</tr>
<tr>
<td>Syncing Photos to an Apple TV</td>
<td>134</td>
</tr>
<tr>
<td>Creating a DVD Slideshow with iDVD</td>
<td>129</td>
</tr>
<tr>
<td>iDVD Slideshow Tips</td>
<td>130</td>
</tr>
<tr>
<td>Setting the Desktop Picture</td>
<td>131</td>
</tr>
<tr>
<td>Using Photos as a Screen Saver</td>
<td>132</td>
</tr>
<tr>
<td>Chapter 9: Sharing Photos</td>
<td>147</td>
</tr>
<tr>
<td>Sharing a Library on the Same Mac</td>
<td>148</td>
</tr>
<tr>
<td>Sharing a Library among Multiple Macs</td>
<td>149</td>
</tr>
<tr>
<td>Sharing Photos via iPhoto Sharing</td>
<td>150</td>
</tr>
<tr>
<td>Accessing Shared Photos</td>
<td>151</td>
</tr>
<tr>
<td>Chapter 10: Printing Photos</td>
<td>157</td>
</tr>
<tr>
<td>Printing Photos Overview</td>
<td>158</td>
</tr>
<tr>
<td>Printing Photos Overview</td>
<td>158</td>
</tr>
<tr>
<td>Designing Print Projects</td>
<td>159</td>
</tr>
<tr>
<td>Previewing Prints</td>
<td>160</td>
</tr>
<tr>
<td>Inkjet Printing Tips</td>
<td>161</td>
</tr>
<tr>
<td>Printing Standard Prints</td>
<td>162</td>
</tr>
<tr>
<td>Printing Contact Sheets</td>
<td>163</td>
</tr>
<tr>
<td>Setting up an Apple ID</td>
<td>164</td>
</tr>
<tr>
<td>Using Your Apple ID</td>
<td>165</td>
</tr>
<tr>
<td>Preparing to Order Prints</td>
<td>166</td>
</tr>
<tr>
<td>Ordering Prints</td>
<td>167</td>
</tr>
<tr>
<td>Creating Cards Overview</td>
<td>168</td>
</tr>
<tr>
<td>Designing Your Card</td>
<td>169</td>
</tr>
</tbody>
</table>
## Table of Contents

**Creating Calendars Overview** .................. 170  
**Designing Calendar Pages** .................. 171  
**Creating Books Overview** .................. 172  
**Designing Book Pages** .................. 173  
**Adding, Deleting, and Moving Book Pages** .................. 174  
**Arranging Photos on Book and Calendar Pages** .................. 175  
**Editing Photos on Pages** .................. 176  
**Dealing with Warning Icons** .................. 177  
**Entering and Editing Text** .................. 178  
**Typing Text “Correctly”** .................. 179  
**Changing Fonts, Styles, and Sizes Globally** .................. 180  
**Changing Fonts, Styles, and Sizes per Text Box** .................. 181  
**Changing Text Color** .................. 182  
**Checking Spelling as You Type** .................. 183  
**Printing on Your Own Printer** .................. 184  
**Ordering Cards, Calendars, and Books** .................. 185  

**Chapter 11: Troubleshooting** 187  
**General Problems and Solutions** .................. 188  
**Importing Problems and Solutions** .................. 190  
**Editing Problems and Solutions** .................. 192  
**RAW File Facts** .................. 193  
**Slideshow Problems and Solutions** .................. 193  
**Printing Problems and Solutions** .................. 194  
**Print and Book Problems and Solutions** .................. 195  
**Dealing with Warning Icons** .................. 198  
**Help Resources** .................. 199  

**Appendix A: Deep Background** 201  
**Understanding Aspect Ratios** .................. 202  
**Understanding Resolution** .................. 204  
**Understanding Color Management** .................. 206  

**Appendix B: Taking Better Photos** 209  
**What Kind of Photographer Are You?** .................. 210  
**Choosing a Camera** .................. 211  
**Where to Read Camera Reviews** .................. 212  
**Camera Accessories** .................. 213  
**General Photo Tips** .................. 214  
**More General Photo Tips** .................. 215  
**Portrait Photo Tips** .................. 216  
**Child and Pet Photo Tips** .................. 217  
**Landscape Photo Tips** .................. 218  
**Travel Photo Tips** .................. 219  

**Index** 221
Digital cameras have become commonplace, and few people even consider purchasing a traditional analog camera anymore. But with digital photos, the camera is only part of the equation. Once you’ve taken photos, you need software to help you import, organize, edit, and share your photos. Since 2001, the most popular application for that task on the Mac has been Apple’s iPhoto.

But iPhoto’s popularity doesn’t stem just from the fact that Apple bundles it—it’s a genuinely useful program, providing a broad set of features while remaining easy to use. With iPhoto, you can organize your photos, perform common editing tasks, and create professional-looking printed works (prints, greeting cards, hardcover books, and even calendars).

If iPhoto is so easy, why write this book? Even though iPhoto ’09 is the best version of the program that Apple has released so far, it still doesn’t entirely demystify the process of importing a digital photograph, editing it, and presenting it on paper or on the computer screen. And iPhoto comes with no documentation beyond minimal and often incomplete online help. Read on, then, not just for the manual iPhoto lacks, but also for the help you need to take digital photos and make the most of them.

iPhoto ’09, not iPhoto 8

Annoyingly, Apple refers to iPhoto ’09 interchangeably as “iPhoto ’09” and “iPhoto 8,” the latter of which is the actual version number. Although I prefer the actual version number to the year, I fear it would be too confusing to call it iPhoto 8, given that the previous version, iPhoto 7, was also called iPhoto ’08. As a result, I’ll use the iPhoto ’09 name throughout this book, except when I’m referring to a very specific version of iPhoto ’09, such as the current-as-of-this-writing iPhoto 8.0.2.
Chapter 1

Hardware and Software Requirements

iPhoto ’09 has fairly steep system requirements thanks to the resources needed to work with large numbers of digital images.

To run iPhoto, you need:

- A Macintosh with a PowerPC G4 (867 MHz or faster), PowerPC G5, or Intel processor with 512 MB of RAM (though 1 GB of RAM is better). Realistically, the more CPU power and RAM you can throw at iPhoto, the better its performance. You’ll also find a large monitor extremely helpful.
- Mac OS X. Specifically, Mac OS X 10.5.6 or later and QuickTime 7.5.5 or later.
- An optical drive that can read DVD discs, since iLife ’09 comes on DVD. Burning DVDs directly from iDVD requires a drive that can write to DVD as well, such as an Apple SuperDrive or a third-party DVD burner.
- A source of digital images, which could be an iPhoto-compatible digital camera, scanned images, Kodak Photo CDs, or a service that provides digital images along with traditional film developing.

✔️ Tips

- Some features—such as Places; purchasing print products; or uploading to MobileMe, Flickr, and Facebook—require an Internet connection. And you’re really going to want a high-speed Internet connection; dialup will be painful.

✔️ More Tips

- iPhoto can import photos in RAW format, which is an uncompressed image file format used by some high-end cameras. However, there are multiple flavors of RAW, and iPhoto does not support all of them.
- Some of the other components of the iLife ’09 suite, such as iMovie and GarageBand, have steeper system requirements. See www.apple.com/ilife/systemrequirements.html for details.
One of the most common things you’ll find yourself doing in iPhoto is importing photos. iPhoto provides a number of ways you can import photos, including the most obvious: from a digital camera or iPhone.

You can also import files that you downloaded from your camera previously, acquired on a CD, scanned in from prints, downloaded from the Internet, or received from a photo-processing company that provides digital images along with traditional prints. It’s also possible to use a card reader—a USB or FireWire device into which you put the memory card from your camera and which presents the contents of your memory card as files on a disk—with the twist that iPhoto recognizes many card readers and can import from them just as though they were cameras. And lastly, you can copy photos that other iPhoto users make available to you on disc or over a network.

In this chapter, we’ll look at all the ways you can import pictures into iPhoto and manage them afterward, including such tasks as trashing and recovering photos, making and switching between different iPhoto libraries, backing up your images to CD or DVD, and learning exactly how iPhoto stores images on your hard disk.
Entering Import Mode

It's easy to bring your photos into iPhoto no matter where they may originate because iPhoto offers four different importing approaches, all of which switch you into import mode automatically. The only time you need to switch into import mode manually is if you switch modes after connecting a camera but before clicking either Import Selected or Import All.

Ways to enter import mode:

- Connect your digital camera to your Mac's USB port and turn the camera on. iPhoto need not be running; it launches automatically if necessary (Figure 2.1).

- Insert your camera's memory card into the card reader. iPhoto need not be running; it launches if necessary.

- From iPhoto's File menu, choose Import to Library (Cmd Shift I). iPhoto displays an Import Photos dialog from which you can select a file, a folder, or multiple items before clicking Import.

- From the Finder, drag and drop one or more files or an entire folder of images into the iPhoto window or onto the iPhoto icon in the Dock.

Tips

- The Last Import album in the Recent list remembers the last set of images you imported. Click it to see just those images (Figure 2.2).

- By default, iPhoto shows you all the photos on your card, but if you have already imported some of them, select Hide Photos Already Imported to avoid seeing the already imported photos.

Launching Automatically

iPhoto launches automatically only if you allow it to do so. The first time iPhoto runs, it asks if you want it to launch automatically from then on. If you agree, iPhoto takes over as the application that launches when you connect a camera. You can change this setting in iPhoto's General preference pane, if you wish.
Importing and Managing Photos

Importing from a Camera

Most people will probably import most of their photos directly from a digital camera.

To import from a digital camera:

1. Connect your camera to your Mac using the USB cable included with the camera, turn it on, and make sure the camera is set to view pictures. iPhoto switches into import mode (Figure 2.1, previous page).

2. Either select one or more photos to import and click Import Selected, or click Import All (Figure 2.3). iPhoto imports the photos, showing thumbnails as it works (Figure 2.4). If you’ve made a mistake, click Stop Import. iPhoto asks if you’d like it to delete the original photos from the camera after importing (Figure 2.5).

3. Click the Keep Photos button.

✔ Tips

- To be safe, always click Keep Photos. Then erase the card in your camera after verifying that the import succeeded.

- You can name and describe the event that will be created by the import. The name and description are applied only to the first event if more than one are created.

- Select Autosplit Events After Importing unless you’re importing photos from one event that spans multiple days.

- If you attempt to import an already-imported photo, iPhoto asks if you want duplicates or only new images.

- Some cameras mount on your Desktop like a hard disk. Eject such a camera using the eject button next to its name in the source pane before disconnecting it!
One of the best things, in my opinion, about digital photographs is that they come with their own organizational tags built in. We may not have cameras that can recognize specific people, but every modern digital camera records a great deal of information about when each picture was taken and its associated settings. For many people, including me, that information alone provides enough organizational power.

However, many people want to do more, and iPhoto provides a wide variety of tools for assigning keywords to your photos, collecting them in albums, and more. We’ll look at each of those capabilities in this chapter.

Of course, the only reason to organize photos at all is so you can find them quickly and easily later, and iPhoto also shines in that department, making it easy to scroll through your entire photo collection chronologically or home in on a specific set of photos with sophisticated yet simple searching tools. Want to find all the photos taken in June, July, and August of the last 5 years? Want to find all the photos whose titles or descriptions mention your mother? No problem. You can even make smart albums that constantly search your entire library for matching photos and present them in an album.

Let’s take a look.

### Switching to Organize Mode

iPhoto keeps you in organize mode, except when you’re importing photos; editing photos; creating a slideshow; or working on a book, card, or calendar. Thus, there are two basic ways to return to organize mode from another mode:

- In the source pane, click any item in Library, Recent, Subscriptions, or Albums to switch to organize mode and display the contents of the selected album.
- When you have switched into edit mode from organize mode but are not using the Crop, Red-Eye, or Retouch tools, double-click the picture to switch back to organize mode.

### Faces and Places, Oh My!

New in iPhoto ‘09 are Faces and Places. Put briefly, iPhoto ‘09 can automatically organize your photos by recognizing the people in them. And it can use location information stored in (or added to) photos as a way of placing photos on a map. These features are wildly useful for organizing photos, so much so that I’ve given them their own chapters, coming next.
Chapter 3

What’s New in Organize Mode

If you’ve used the previous version of iPhoto, you’ll want to pay attention to the new interface elements iPhoto ’09 brings to organize mode (Figure 3.1).

New features in organize mode:

- A new Faces mode uses face detection and recognition technology to help you organize photos by the people who appear in them. Faces is a sufficiently significant addition to iPhoto that Apple gave it a prominent entry in the source pane, under the Library list. For more information about Faces, see Chapter 4, “Working with Faces,” starting on page 63.

- Joining Faces in the Library list of the source pane is Places, which reads location information stored in photo files to show photos on a map and let you search for them by location. For more information on Places, see Chapter 5, “Working with Places,” which begins on page 71.

- Apple has renamed the Projects list in the source pane to Keepsakes—it still contains all your books, cards, and calendars. Also, Web Gallery is now called MobileMe Gallery.

- iPhoto ’09 gains new lists for your Facebook and Flickr albums.

Figure 3.1 iPhoto ‘09 adds Faces and Places to the Library list, creates new lists for Facebook and Flickr, and swaps the Projects name for Keepsakes and the Web Gallery name for MobileMe Gallery.

Source Pane?

I follow Apple’s lead in calling the items in the left-hand area in iPhoto “sources” and the area itself the “source pane,” even though iPhoto no longer explicitly labels it as some previous versions did. In most cases, things you can do to one type of source (like delete it, move it around, or add photos to it), you can do to all the types of sources. When that’s the case, I’ll use the term “sources;” when there is an exception, I’ll use the specific term or call out the exception.
Organize Tools Overview

Here’s a quick reference to the controls available in organize mode (Figure 3.2). Note that this screenshot shows the Photos view; the Events view displays a single photo for each event, making for faster navigation.

✔ Tip

- The Keepsakes pop-up menu replaces the Book, Calendar, and Card buttons when the window is too narrow for them all to fit comfortably.
The most important addition to iPhoto '09 is Faces, which can detect faces in photos and, after you’ve trained it by identifying a person in a number of photos, automatically recognize that person’s face in other photos.

Faces is important for two reasons. First, as our digital photo collections grow—I have about 17,000 photos right now, and many people have far more—it becomes ever more difficult to find any given photo. That’s not because iPhoto’s search tools are bad, but because adding keywords or other metadata takes time many of us don’t have. With a little effort spent training Faces, you can reap the benefits of having useful metadata automatically applied to many of your photos.

Second, from a historical standpoint, photos that don’t identify at least the people in them (and, ideally, also the place and event at which the photos were taken) are nearly worthless. Just recently, my mother had to ask my grandmother to identify some people in an ancient family photo, since no one had thought to write names on the back. You may know who the people in your photos are, but will your children or grandchildren?

One warning. Many people find training Faces to be addictive, so you may wish to set aside some time to do it when you don’t have anything more important to do.

Sad Faces

As much as I find Faces utterly magical and truly addictive, it isn’t perfect, as you’ll find out. It sometimes doesn’t see faces in photos, and it can, particularly before it’s fully trained, identify people incorrectly. Faces can recognize some people, like my brother-in-law, after only minimal training, whereas it fails miserably to recognize other people, like my sister, no matter how many times I identify her in a photo.

Although I have no inside information, I fully expect that Apple will be improving iPhoto’s face detection and recognition capabilities in future updates to the program. So even if the feature has some quirks now, it will only be improving as time goes by.
The Faces of Faces

Unlike most of iPhoto’s other modes, Faces offers a number of different views, depending on whether you’re naming faces, browsing through identified faces, or training iPhoto to recognize a face.

Subsequent pages in this chapter explain these features in more detail.

To name faces:

- Whenever you’re viewing a group of photos (not events!), select a photo and click the Name button at the left side of the toolbar.
  iPhoto magnifies the photo and displays a name lozenge under any faces it has detected (Figure 4.1).

To browse faces:

- Click Faces in the source pane to display the Faces corkboard, which shows a snapshot for each person you’ve named (Figure 4.2).

- In the Faces corkboard, double-click a person’s snapshot to display all the photos that have been identified as containing that person (Figure 4.3).

To train Faces:

- Double-click a snapshot in the Faces corkboard, and, if there are any photos shown below the “So-and-so may also be in the photos below” bar, click the Confirm Name button in the toolbar.
  iPhoto switches from merely displaying the photos to letting you click them to confirm whether or not the person appears in the photos (Figure 4.4).

✓ Tip

- You can drag snapshots on the corkboard around to rearrange them.
Putting a Name to a Face

iPhoto can identify faces, but until you’ve assigned a name to a face and trained iPhoto to recognize that face (see the next page), iPhoto won’t be able to recognize that face in the future automatically.

To get started, select a photo containing at least one face and click the Name button in the toolbar. Then use one of the following approaches.

To assign a name to a face:

- If iPhoto thinks it recognizes a face in the photo, click the checkmark button to accept the suggestion or the X button to reject it (Figure 4.5).
- If iPhoto has only identified that an unnamed face exists in the photo, click the name balloon, enter the person's name, and press Return (Figure 4.6).
- If iPhoto hasn’t identified a face, click the Add Missing Face button, center the rectangle on the face and resize it, click Done, and enter the person’s name (Figure 4.7).

Tips

- iPhoto attempts to autocomplete as you type, as you can see in Figure 4.6. Use the arrow keys and Return or the mouse to select suggested names (which can come from entries in Address Book), or just keep typing to enter a new name.
- If iPhoto identifies multiple faces in a photo, press Tab to move among them.
- You can assign names to faces whenever the Name button appears in the toolbar. When you’re browsing through faces (and have a Confirm Name button instead), magnify a selected photo by pressing Spacebar or m, at which point the Name button appears again.

Navigating while Naming

You may find it easiest to assign names to faces in a lot of photos at once. To do this easily, click the arrow buttons to move to the next or previous photo, or just use the arrow keys.
A major addition to iPhoto ’09 is Places, which makes it possible to see where your photos were taken, find them by location, and include maps of the locations in books.

Unfortunately, you can’t train iPhoto to recognize where a photo was taken. Geotags—location information—are either embedded in a photo’s metadata automatically by the camera used to take the photo, or they’re something you add later in iPhoto. (There is one other way; see the sidebar to the left.)

Right now, apart from Apple’s iPhone, only a handful of cameras contain the necessary GPS (Global Positioning System) chip necessary for a camera to divine its location from orbiting satellites. So unless you take a lot of photos with an iPhone, assigning location information to photos will largely be a manual effort. Don’t worry, it’s not hard.

Note that Places, because it relies on maps from Google and Google searches, requires an Internet connection.

How obsessive you wish to be when geotagging your photos is up to you. I’m the sort of person who will carefully find the particular beach at Half Moon Bay where a photo was taken; other people may be happy to say the photo was taken in Half Moon Bay, or even just in California.
Chapter 5

The Faces of Places

Unlike most of the other modes in iPhoto, Places offers a number of different views, depending on whether you’re viewing a photo’s location information, looking at map showing the locations of your photos, browsing a list of places, or making a new place.

To view a photo’s location:

- Select one or more photos and choose Get Info from the File menu (Cmd I), or click the i button that appears when you mouse over a photo.
  iPhoto displays the Information dialog, with a prominent map of the photo’s location (Figure 5.1).

To view a map of photo locations:

- Click Places in the source pane and make sure the World View button (the one with the globe) is selected in the View control at the left side of the toolbar (Figure 5.2).
- While viewing the Information dialog for photos that have geotags, click the little arrow next to Show in Places to jump to a zoomed-in map view in Places.

To browse through photo locations:

- Click Places in the source pane and make sure the Browser View button (it has four little rectangles in it) is selected in the View control in the toolbar.
  iPhoto shows the hierarchical location browser (Figure 5.3).

To view your custom places:

- From the Window menu, choose Manage My Places.
  iPhoto displays the Edit My Places dialog, showing the custom places you’ve created and letting you perform a Google search to find the location for a new custom place (Figure 5.4).

Figure 5.1 Photos with geotags show maps of their locations in the Information dialog.

Figure 5.2 Places can display maps (here of Northern Wales) with pins showing the locations where you took photos.

Figure 5.3 Alternatively, you can browse through your photos by selecting from a hierarchical list of places.

Figure 5.4 You can make your own places, with their own names, that you can apply to photos without geotags, and that will be applied automatically to photos taken by GPS-equipped cameras within the radius you set.
Showing Photos Onscreen

Before we dive into how to use Places, it’s important to understand how to work with the maps you see, as in Figure 5.1, Figure 5.2, and Figure 5.4, previous page.

To move the map view in the window:
- Click-and-hold anywhere within the map and drag the map view around. Let up and repeat to move it more than a screen.

To zoom in and out:
- In the main map view in Places, drag the size slider to the right to zoom in, and to the left to zoom out. Alas, you can’t zoom in all the way with the size slider.
- In the Information dialog and in the Edit My Places dialog, click the + and – buttons to zoom in and out.
- In the main map view in Places and in the Edit My Places dialog, double-click anywhere in the map to zoom in, and Control-double-click to zoom out.

To change the view style:
Although the button styles vary slightly, iPhoto’s map interfaces provide three ways to view the map: Terrain, Satellite, and Hybrid.
- To view the map in traditional terrain map style, with map borders, place names, road names, and other cartographic marks, click the Terrain button (Figure 5.5).
- To view the map with satellite imagery sufficient to see buildings at the most zoomed level, but without any cartographic marks, click the Satellite button (Figure 5.6).
- To view the map in with both satellite imagery and cartographic marks, click the Hybrid button (Figure 5.7).

Select Pin before Zooming
To make sure iPhoto zooms where you’re expecting when using the size slider, select a pin before zooming.
If you’re anything like me, not all your photos come out perfect. In fact, lots of them are probably pretty bad, and those you can delete after import. No harm, no foul, and you didn’t pay for developing.

What about those pictures that are okay, but not great? Much of the time they merely require a little work. Perhaps you need to crop out extraneous background that distracts the eye from the subject of the photo, or maybe you want to remove the red glow from that cute baby’s eyes (it’s the fault of the camera flash, not necessarily the sign of a demon child). iPhoto can help with those tasks and more.

I’m not suggesting that you whip out an image-editing application, clip your cousin’s ex-husband out of the family reunion photo, and use filters that sound like alien death rays (Gaussian blur?) to make it appear as though he was never there. If you can do that, great, and iPhoto will even let you use any other image-editing application, including Photoshop and Photoshop Elements. But for most people, iPhoto provides all the basic editing tools that they need.

The main thing to remember is that there’s no shame in editing photos to improve them. All the best photographers do it, and you can do it, too.

Nondestructive Editing

In the first few versions of iPhoto, the program saved each change as you made it, which was a bad idea because the lossy JPEG compression that was applied each time could degrade the image quality. In iPhoto 5, Apple reduced the number of times an edited photo would be recompressed by writing all changes out at once when you clicked Done or moved to another photo.

In iPhoto ’08, Apple switched again, this time to the nondestructive editing approach used by Aperture, iPhoto’s high-end sibling. Since that version, all changes you make to new photos, or those that have never been edited in an earlier version, are saved in an edit list and applied to the original. (Previously edited photos don’t use nondestructive editing unless you first revert to the original photo.) So in theory, image degradation due to multiple applications of JPEG compression should be a thing of the past.

iPhoto still maintains the current edited version of each photo in the Modified folder; those files are still necessary for display and export.
Chapter 6

Entering Edit Mode

Since you can edit in the main window, in full screen mode, or in another application, it makes sense that you can enter edit mode in several ways.

To choose how to edit photos:

1. From the iPhoto application menu, choose Preferences (\(\text{Cmd}+P\)).
   iPhoto opens the Preferences window. Click the General button.

2. Select whether double-clicking a photo edits it (what I’m used to) or magnifies it.

3. From the Edit Photo pop-up menu, choose how you want iPhoto to edit photos by default (Figure 6.1). To use another program, choose In Application, and select a program in the Open dialog (Figure 6.2).

4. Close iPhoto’s Preferences window.

Ways to enter edit mode:

- Double-click a photo in any mode (\(\text{Option}\)-double-click in organize mode if you set double-click to magnify), or double-click a photo twice if it’s a small photo on a calendar page. In organize mode, you can also just press \(\text{Return}\).

- In organize mode, click the Full Screen button or choose Full Screen from the View menu (\(\text{Cmd}+\text{Option}+\text{F}\)) to edit the selected photos in full screen mode.

- \(\text{Control}\)-click a photo in organize mode, and choose an editing command from the contextual menu (Figure 6.3). Book mode offers a different contextual menu that also has an Edit Photo command.

Tip

- The capability to edit a photo in a separate window is no longer in iPhoto ’09.
✓ Tips

- Hide or show the Thumbnail list at the top of the window by choosing Hide or Show (Cmd [Option] T) from the View menu’s Thumbnail submenu.
- When in edit mode, Control-click anywhere on a photo to access the commands that appear in the Photos menu.

Edit Tools Overview (Main Window)

Here’s a quick look at the tools available when you edit an image in the main window (Figure 6.4).

Images around the photo being edited appear in the Thumbnail list. Click one to edit it.

The selected image appears in the display pane for editing.

Click Done to save your changes to the photo (and return to the previous mode).

Size slider. Adjust this slider to zoom in and out of the picture in the display pane.

Use the previous and next buttons to navigate to the previous or next photo in the current album.

Click the Adjust button to open the Adjust window.

Click the Effects button to open the Effects window.

To eliminate red-eye in a picture of a person or pet, click the Red-Eye button and then click the subject’s eyes.

Use the Retouch tool to scrub out unwanted blemishes.

Click to add an item to the Source pane.

Click to open the Straighten tool.

Click the Adjust button to open the Adjust window.

Click the Enhance button to fix photos automatically.

Click here to buy the full 240-page “iPhoto ’09: Visual QuickStart Guide” for only $15!
Although some people feel that a photo isn’t real unless it appears on a piece of paper (and iPhoto can satisfy those people too), one of iPhoto’s coolest features is its capability to present photos on screen in a wide variety of ways—including slideshows on your Mac; ever-changing Desktop pictures; and slideshows on an iPod, iPhone, or Apple TV.

Gone are the days of the carousel projector and a darkened room; now a slideshow involves high-resolution photographs slipping on and off a computer screen, complete with elegant transitions between pictures. But that’s only the beginning with iPhoto. iPhoto ’09 adds a number of elegant slideshow themes that turn your photos from still images to scenes in a movie.

iPhoto’s various onscreen presentation tools are not only the best way to display your photographs to friends and relatives, but also the best way for you to experience your own photos, whether through a constantly changing Desktop picture or a slideshow-based screen saver that kicks in whenever your Mac is idle.

Slideshows aren’t limited to your Mac, either. You can copy both individual photos and slideshows to your iPod or iPhone, and the Apple TV turns out to be a wonderful way to display photos on your large screen TV.

Web-Based Slideshows

This chapter looks at slideshows you make within iPhoto and—for the most part—display on your Mac or on devices you own, like an iPhone or Apple TV. If you want to know how to make a Web-based slideshow that anyone can view in their Web browser, flip ahead to Chapter 8, “Publishing Photos on the Web,” starting on page 135. That chapter discusses various different ways you can upload photos to a Web site—MobileMe, Facebook, and Flickr being the easiest ones—after which visitors can use the tools on that Web site to play a slideshow of your photos.
Chapter 7

Types of Slideshows

iPhoto offers two types of slideshows, which I call “basic” slideshows and “saved” slideshows.

About basic slideshows:

Basic slideshows are quick to start from a selection of photos and offer a basic set of options that apply equally to all slides.

Use basic slideshows when you want to show someone a set of photos quickly, without any fuss or bother. Basic slideshows can also be useful for reviewing just-taken photos.

Lastly, you can use only basic slideshows when viewing images from a shared iPhoto Library over a network.

About saved slideshows:

Saved slideshows appear in the source pane like albums, books, cards, and calendars, and any changes you make to them are saved for the future. You can organize saved slideshows in folders, duplicate them to experiment with different approaches, and export them for display on a computer, on an iPod, on an iPhone, on an Apple TV, and on MobileMe.

Use saved slideshows when you want to put some effort into making a slideshow as visually impressive as possible. You can add and remove individual photos from the slideshow, apply temporary effects to photos during the slideshow, change the time each slide appears on screen, adjust the Ken Burns Effect for each slide, set the transition between any two slides, and more.

What’s particularly neat about saved slideshows is that they’re created with default settings, so you can customize them as much or as little as you like.

Arranging Basic Slideshows

Basic slideshows start with the image in the upper-left position of the selection or the album. So if you want to display the pictures in the reverse order, choose either Ascending or Descending (whichever one isn’t currently selected) from the Sort Photos submenu of the View menu. Of course, whatever sort is in effect applies, so you can change the order by changing to a different sort, too.

Book Slideshows

iPhoto also offers “book slideshows” that are almost identical to basic slideshows. When in book mode, click the Slideshow button in the toolbar to run a slideshow of each page in the book at full size.

The main difference between a book slideshow and a basic slideshow is that you can’t pick any of the slideshow themes or use the Ken Burns Effect. Other settings, such as showing photo titles and scaling photos to the screen, either aren’t available or don’t work, since the book page display preempts them.

Book slideshows are a great way to gain extra benefit from the work of putting together a book.
Slideshow Tools Overview

When you select a saved slideshow in the source pane, iPhoto displays a new set of tools for customizing your slideshow (Figure 7.1).

- Click to play the saved slideshow.
- Click to preview the slideshow in the display pane; click again to stop the preview.
- Click to select a slideshow theme.
- Click to display the Music settings window.
- Click to display the Settings window for adjusting settings for the slideshow and for the current slide.
- Use the size slider to set the start and end magnifications for the Ken Burns Effect.
- Click to move back and forward through slides.
- Click to export the slideshow as a movie.
- Thumbnails of the photos in the slideshow, in order. Click one to display it. Command- or Shift-click to select multiple photos.
- The current photo on which you're working.
- Click here to buy the full 240-page "iPhoto '09: Visual QuickStart Guide" for only $15!
One of the greatest changes in photography has been the rise of the Web. Before the appearance of sites like MobileMe, Facebook, and Flickr, it was difficult or impossible for the average person to publish a photo such that it could be seen by many others, but that’s no longer true. As of early 2009, Facebook contains upwards of 13 billion photos, and Flickr has another 3 billion (Apple hasn’t released numbers for MobileMe). People love Web publishing.

Those growth trends are just going to continue for the foreseeable future, since it’s becoming ever easier to post photos to the Web, thanks in part to new features in iPhoto. Previously, it was a pain to upload to anywhere but .Mac (the previous name for MobileMe), but with iPhoto ’09, putting photos on Facebook and Flickr is just as easy.

Although it’s easy, serious Flickr users should note that iPhoto doesn’t offer as many options as third-party plug-ins do. So if you get started uploading to Flickr with iPhoto and find yourself wanting more than it provides, don’t hesitate to check out other utilities.

That said, let’s look at how to publish photos to the Web, and in the next chapter, we’ll turn our attention to how to share photos with a small set of people in other ways.
Setting up Facebook

Before you can upload to your Facebook account, you must make a connection between iPhoto and Facebook, so Facebook will accept uploads from iPhoto. This needs to be done only once, the first time you attempt to upload to Facebook.

To connect iPhoto with Facebook:

1. Select one or more photos, albums, or events (including movies!), and either click the Facebook button or choose Facebook from the Share menu. iPhoto asks if you want to set up iPhoto to publish to Facebook (Figure 8.1).

2. Click Set Up.
   iPhoto presents a dialog with which you can log in to Facebook (Figure 8.2).

3. Enter the email address you used for Facebook and your Facebook password, and select the Keep Me Logged In To iPhoto Uploader checkbox, unless you’re working on someone else’s computer. Then click the Login button. iPhoto may show another dialog asking you to allow iPhoto access to your Facebook account (Figure 8.3).

4. If you get the Allow Access dialog, click the Allow button to finish the setup process.
Before you can upload to Flickr from iPhoto, you must link iPhoto to your Flickr account. This needs to be done only once, the first time you attempt to upload to Flickr.

To connect iPhoto with Flickr:

1. Select one or more photos, albums, or events (including movies!), and either click the Flickr button or choose Flickr from the Share menu. iPhoto asks if you want to set up iPhoto to publish to Flickr (Figure 8.4).

2. Click Set Up. iPhoto opens a Web page in your default Web browser, from which you can log in to your Yahoo account, which provides access to Flickr (Figure 8.5).

3. Enter your Yahoo ID and password, and click the Sign In button. Another Web page loads, asking you to authorize the link between iPhoto and your Flickr account (Figure 8.6).

4. Click the OK, I’ll Allow It button to finish the setup process. Your Web browser displays a confirmation page (Figure 8.7), after which you can return to iPhoto to continue publishing photos.

✔ Tip

- For geotags to be uploaded to Flickr and for your photos to be mapped automatically, select Include Location Information for Published Photos in iPhoto’s Advanced preferences. You may also need to set your account to import geotags at www.flickr.com/account/geo/exif/.
Sharing Photos

Although iPhoto provides numerous ways of presenting your photos to others—slide-shows, publishing to the Web, and (coming up in the next chapter), creating books, calendars, and cards—there’s an additional way in which you can share photos in iPhoto that’s also important.

I’m talking about the sharing of the actual photo files. For instance, you might want to share photos with a family member who also uses your Mac, or a roommate whose Mac is on your network. Or maybe you want to send photos to friends via email or on a CD or DVD. iPhoto can help in all of these situations and more. I’ve organized this chapter in roughly that order; think of it as near (sharing on your Mac) to far (sending a CD to a Windows-using relative or using email).

Keep in mind that although Apple has provided various different tools for sharing these original photos, there are usually trade-offs. For instance, it’s trickier to burn a CD of photos for someone who uses Windows than for someone who uses iPhoto on the Mac. And although iPhoto has one built-in way for people on the same Mac or multiple Macs to share photos in their iPhoto libraries, Apple still hasn’t done anything in iPhoto’s interface to make it easy for people to share the same iPhoto Library package.
Sharing a Library on the Same Mac

Mac OS X is a multiuser operating system, so it’s common for people who share a Mac each to have an account. But what if you want to share the same iPhoto Library among multiple users on the same Mac?

To share your library among users:

1. With iPhoto not running, rename your iPhoto Library to iPhoto Shared Library (to avoid confusion) and move it from the Pictures folder to the Shared folder at the same level as your user folder (Figure 9.1). The Shared folder may or may not contain other items.

2. Double-click the iPhoto Shared Library to open it in iPhoto and verify that it’s OK. Quit iPhoto.
   iPhoto may display a dialog asking you to select the library; the one you double-clicked will be selected, so click Choose (Figure 9.2).

3. Switch to the other user via Fast User Switching and double-click the iPhoto Shared Library to open it and make it the default.
   iPhoto may display the dialog asking you to select the library again; the one you double-clicked will be selected, so click Choose (Figure 9.2).
   iPhoto displays a dialog asking you to repair permissions (Figure 9.3).

4. Click the Repair button.

5. For each additional account, repeat steps 3 and 4.

6. From now on, each user on your Mac should launch iPhoto normally by clicking iPhoto in the Dock or by double-clicking the iPhoto Shared Library package.
Sharing a Library among Multiple Macs

You can also share an iPhoto Library across a network from a Mac with file sharing turned on, or via an external hard drive. If you’re using a network, the faster the better (ideally wired gigabit Ethernet or 802.11n AirPort Extreme).

To share your library over a network:

1. In the System Preferences Sharing pane on the host Mac, turn on File Sharing. Either give the other people your user name and password, or add the Pictures folder to the Shared Folders list, set up user names and passwords for them using the + buttons, and give them Read & Write access (Figure 9.4).

2. From each remote Mac, connect to the host Mac by clicking it in the sidebar, clicking Connect As, and entering the user name and password (Figure 9.5).

3. For each user, double-click the iPhoto Library in the shared Pictures folder.

To share your library on a drive:

1. Select the drive in the Finder, choose Get Info (Cmd-I) from the File menu, and, in the Ownership & Permissions area at the bottom of the Get Info window, select Ignore Ownership on This Volume.

2. With iPhoto not running, copy your iPhoto Library from the Pictures folder to where you want it on the shared volume and rename it iPhoto Shared Library.

3. For each user, double-click the iPhoto Shared Library on the shared volume.

✓ Tip

■ Only one person may use the shared iPhoto Library at a time.

Network Sharing Decisions

Use the network sharing method on this page to share an entire iPhoto Library and have each person make changes that are seen by every other person. This method let you share the work of editing photos, making albums, and assigning keywords.

Use iPhoto’s photo-sharing approach, discussed on the next page, to let other people see and potentially copy your photos without making any other changes. This approach works best when each person has his or her own primary collection of photos but wants to access a few photos from other people.
If I had to pick a single feature that sets iPhoto apart from most photo management programs, I’d choose the way iPhoto enables you to create professional-looking prints, cards, calendars, and photo books—what iPhoto ’09 now calls “keepsakes.” Numerous programs can help you edit and organize photos. But iPhoto is the undisputed champion of creating high-quality printed products in an easy fashion.

The beauty of iPhoto’s prints, cards, calendars, and books, apart from their quality printing on heavy, glossy paper, is that they help bridge the gap between the analog and digital worlds. Many people still prefer prints displayed in a traditional photo album, and there’s no denying the attraction of a glossy color calendar on the wall that’s displaying your photos or the slickness of a professionally printed postcard showing your latest photographic favorite on the front.

In addition, with a modern inkjet printer, anyone can create prints that rival those ordered from a commercial service.

Whatever your preference, by the time you’re done with this chapter, you’ll be able to turn your digital photography collection into stunning prints, cards, books, and calendars.
Printing Photos Overview

Many people prefer to print their photos on inexpensive color inkjet printers rather than waiting for online orders.

To print photos:

1. Select one or more photos to print and choose Print from the File menu (Cmd P) to bring up the print settings dialog (Figure 10.1).

2. Select the desired theme from the list.

3. From the four pop-up menus, choose the appropriate printer, printer-specific presets, paper size, and print size.

4. Either click Print to print right away with the default settings (jump to step 9), or click Customize to switch to the print project interface, which makes a Printing album in the Recent list (Figure 10.2).

5. From the Themes, Background, Borders, and Layout pop-up menus in the toolbar, choose settings to lay out your photos.

6. Enter text if the layout provides it; you can tweak text settings by clicking the Settings button in the toolbar.

7. To make temporary adjustments to an image, select it, click the Adjust button, and use the buttons and sliders in the Adjust window as you would in the normal Adjust and Effects windows in edit mode (Figure 10.3).

8. When you’re ready, click the Print button. iPhoto displays the standard Mac OS X Print dialog (Figure 10.7, on page 160).

9. Verify your printer and preset settings, enter the number of copies to print, and access other settings from the pop-up menu under the page range controls. Click Print when done. iPhoto sends your photos to the printer.
Designing Print Projects

iPhoto enables you to print not just a single photo at standard sizes, but also multiple photos with themed frame styles, colored backgrounds, and text. While you’re designing your prints, they appear in a special Printing album in the Recent list in the source pane; you can perform other tasks and return to the Printing album at any time.

To design a print project:

1. In the print project, click a page.

2. From the Themes pop-up menu on the toolbar, choose the desired theme (if you want to switch from the currently selected theme).

3. From the Background pop-up menu, choose the color for your background.

4. From the Borders pop-up menu, choose the desired border style (Figure 10.4).

5. From the Layout pop-up menu, choose the desired page layout (Figure 10.5).

6. Click the photo icon to switch from viewing pages to viewing the available photos, and then drag photos to the desired spots in your layout.

7. Tweak each photo so it is zoomed and centered appropriately; for details, see “Editing Photos on Pages,” on page 176.

8. Enter text in any provided text boxes, and change text settings as you would in any other program.

9. Click an arrow button or press ← or → to move to another page, and repeat steps 3–8.

✓ Tip

■ Click Settings to change font settings for all the pages of your print project, among other options (Figure 10.6).
The world of iPhoto is no more a perfect place than the real world. No one, iPhoto’s developers least of all, wants problems, but bugs are a fact of life, and you may have a problem with iPhoto at some point.

One advantage iPhoto has in this respect is that it saves your changes frequently and automatically, so you’re unlikely to lose much work even if it does crash. Put simply, if iPhoto crashes (and it has crashed on me a number of times while I was writing this book), just relaunch the program and pick up where you left off. Also be sure to click the Report button in the crash dialog and report the crash to Apple so it can be fixed. If the crashes happen regularly, you may need to do some troubleshooting. One way or another, keep good backups! (See “Backing up Your Photos,” on page 26.)

Of course, most of the problems you might encounter won’t result in a crash. It’s more likely you’ll have trouble importing photos from an unusual camera, printing a photo at the exact size you want, or dealing with thumbnails that don’t display properly. Those are the sorts of problems—and solutions—I’ll focus on in this chapter.
Chapter 11

General Problems and Solutions

Some problems you may experience in iPhoto aren’t related to particular activities. Others are, and subsequent pages in this chapter will address issues with importing, editing, slideshows, printing, and more.

Performance Problems

If you find iPhoto slow to perform certain operations, try these tricks. Some are obvious (if expensive), others less so:

- Turn off title, rating, and keyword display using the View menu.
- Shrink thumbnails to a smaller size.
- Use the triangles next to events in Photos view to hide photos you don’t need to see.
- Quit other programs that are running. In my experience, there is usually one culprit, which you can identify by launching Activity Monitor from your Utilities folder and clicking the CPU column title to see which applications are using the most processor time.
- Restart your Mac by choosing Restart from the Apple menu. Restarting is especially helpful if you don’t have much free disk space, which cramps Mac OS X’s virtual memory techniques.
- Check your disk with DiskWarrior (www.alsoft.com/DiskWarrior/); sufficient disk corruption can cause huge performance problems on startup.
- Add more RAM to your Mac. iPhoto works with 512 MB of RAM, but it likes a lot more, and RAM is cheap. I always recommend at least 1 GB these days.
- Buy a faster Mac. That’s always fun.

Some Photos Disappear

Some people have reported troubles with photos disappearing, even when the files are still present in the iPhoto Library. Try the following:

- Make sure the photos aren’t just in the Trash; it’s easy to delete inadvertently.
- Hold down Command-Control-Option while clicking the iPhoto icon in the Dock to launch it. This causes iPhoto to display the Rebuild Photo Library dialog. Try each of the options, and see if one of them fixes the problem. For more info, see http://support.apple.com/kb/HT2638.
- With iPhoto as the frontmost application, choose Enter Time Machine from the Time Machine menu in the menu bar. Navigate back in time through Time Machine’s backups to the point where you see the missing photos, then click the Restore button.
- If you have the photo elsewhere on your Mac or on another computer, just import it again.

All Photos Disappear

What if none of your photos appear at all? First, try the options listed just above, and if they don’t help or aren’t possible, try these:

- Make sure you’re using the correct iPhoto library. Locate the one you want in the Finder and double-click it to open it.
- Create a new iPhoto library and import the contents of the Originals folder (and, if desired, the Modified folder) inside the corrupted iPhoto library package. Command-click it and choose Show Package Contents to get at those folders (see “iPhoto Directory Structure,” on page 19). This won’t preserve anything but the photos, unfortunately.
Right off the bat, let me say that you don’t need to read this appendix. It’s deep background, the kind of detail that you might wish to delve into when you’re attempting to understand how iPhoto works, perhaps because you’ve just printed a photo and you’re unhappy with the results.

The following pages contain “Understanding Aspect Ratios,” “Understanding Resolution,” and “Understanding Color Management.” Each of these discussions examines an aspect of digital photography from which iPhoto, for the most part, tries to shield you. That’s great most of the time, but if you’re trying to understand how cropping removes information from a photo, thus making it print at a lower quality, you’ll want to come here for the explanation.

Lastly, although I’ve called this appendix “Deep Background,” these topics are so complex that entire books have been written about each one. If these discussions leave you with more questions, I’d encourage you to visit a library or bookstore and browse its collection of books on photography, digital imaging, and prepress. I especially recommend *Real World Scanning and Halftones, Third Edition* by David Blatner, Conrad Chavez, Glenn Fleishman, and Steve Roth.
Understanding Aspect Ratios

iPhoto makes it easy to select and crop a portion of a photo using a specific aspect ratio, but why is this important? It matters because aspect ratios differ between traditional and digital photos.

An aspect ratio is the ratio between the width of the image and its height, generally expressed with both numbers, as in the line from Arlo Guthrie’s song “Alice’s Restaurant Massacre” about “Twenty-seven, eight-by-ten, color glossy photographs with circles and arrows and a paragraph on the back of each one.”

The aspect ratio of 35mm film is 4 x 6 (using the standard print size rather than the least common denominator of 2 x 3) because the negative measures 24mm by 36mm. Thus, traditional photographs are usually printed at sizes like 4” x 6”, 5” x 7”, or 8” x 10”, all of which are close enough to that 4 x 6 aspect ratio so photos scale well. When there’s a mismatch between the aspect ratio of the original negative and the final print, either the image must be shrunk proportionally to fit (producing unsightly borders) or some portion of the image must be cropped. (The alternative would be to resize the image disproportionately, which makes people look like they’re reflected in a funhouse mirror.)

The equivalent of film in digital photography is the CCD (charge-coupled device), which is essentially a grid of many light-sensitive elements that gain a charge when exposed to light. Through much digital wizardry, the camera translates those charges into the individual dots (called pixels) that, put together, make up the image. Zoom in on a picture all the way, and you can actually see these pixels. So if your digital camera uses a CCD that can capture a picture composed

Figure A.1 This is a 4 x 3 image with a 4 x 6 landscape selection. A bit of the bottom of the image would be lost, which is fine.

Figure A.2 This is a 4 x 3 image with a 5 x 7 landscape selection. Very little of the bottom of the image would be lost to cropping.

Figure A.3 This is a 4 x 3 image with an 8 x 10 landscape selection. Losing the right side of the image would be somewhat problematic.
Taking Better Photos

iPhoto and your digital camera will make you a better photographer, for the simple reason that the best way to improve a skill is constant practice. Thanks to iPhoto, it’s easier to take and review photographs than ever before.

But you need not discover all the ways you can take better photos on your own. Having the best equipment for the kind of photos you want to take will help, as will learning some of the basics of different types of photography. This appendix offers that advice, ranging from choosing the best camera for your needs to tips on how to take great pictures of kids. (Hint: The posed portrait is unlikely to work.)

So skim these few pages to find tips that you can use to create better photos with minimal extra effort.
What Kind of Photographer Are You?

When choosing the camera that will help you take the best photos, it’s important to choose one that matches the kind of photos you actually take. But what sort of photographer are you? In one way of thinking, there are two types of photographers: artistic and documentary (and as is usually the case, most people overlap somewhat).

**You’re an artistic photographer if:**

- You care more about the overall look of a photo than the subject of the picture (Figure B.1).
- Objects and landscapes fill many of your photos and stand alone as aesthetic representations of your reality.
- Display and print quality is of the utmost importance. You regularly print and display your best photos.
- You’re willing to take time to set up the perfect shot, and you do things because they give you photo opportunities.

**You’re a documentary photographer if:**

- Who or what appears in the photo is more important than the overall look (Figure B.2).
- The most common subjects of your photos are people and places, and they usually fit into and support a larger story.
- You’re willing to trade quality for convenience, ease of use, or speed of shooting.
- You don’t have the free time or patience to set up shots, and you prefer to snap a few pictures quickly, hoping that at least one will turn out well. You carry your camera to record events or in the hope of getting a good shot.
Index

+ (Add) button (source pane), 39, 40
1-Click ordering, 164, 165, 195

A
Account Info dialog, 165
Acorn image editor, 111
Add (+) button (source pane), 39, 40
Add to iPhoto button, 16
Adjust window, 96–108
  contrast adjustments, 100
  definition adjustments, 102
  exposure adjustments, 98
  highlight detail adjustments, 103
  histogram in, 97
  how to use, 96
  levels adjustments, 99
  making temporary adjustments in, 158
  noise reductions, 106
  saturation adjustments, 101
  shadow detail adjustments, 104
  sharpness adjustments, 105
  temperature adjustments, 107
  tint adjustments, 108
Advanced pane (Preferences window), 83
  albums
    creating, 39
    deleting, 44
    keywords vs., 54
    removing photos from, 21, 47
    selecting multiple, 45
    smart, 40–41
    sorting photos in, 48
  See also Web albums
Appearance pane (Preferences window), 33, 35
Apple
  1-Click ordering, 164, 165, 195
  international shipping details, 167
  ordering cards, calendars, and books, 185
  ordering prints from, 166, 167, 196–197
  pricing and shipping for orders, 185
  Apple ID, 164, 165
  Apple TV, 127, 134
applications
  external editors, 110–111, 192
  importing photos from other, 16
archiving photos, 27
artistic photography, 210
aspect ratios
  book page designs and, 173
  choosing for photos, 88
  explained, 202–203
  print sizes and, 166
  selecting for slideshows, 120
assigning
  keywords, 54
  names to faces, 65
  ratings, 52
  titles, 49
Autoflow option, 172
autosplit feature, 37

B
backing up photos, 26, 27
basic slideshows, 114, 117
batch operations
  date changes as, 51
  rotating photos as, 86
  title assignments as, 49
batteries, 211, 213
black point adjustments, 99
blog photos, 143
book slideshows, 114
books
  adding, deleting, and moving pages in, 174
  arranging photos on pages of, 175
  aspect ratios of, 173, 203
  autoflowing photos into, 172
  creating, 172
  designing pages for, 173
  editing photos in, 176
  entering/editing text in, 178, 179
  font, style, and size settings, 180–182
  maps added to, 78
  ordering, 185
Index

books (continued)
  printing, 184
  quality issues with, 197
  removing photos from, 47
  troubleshooting orders for, 196–197

browsing
  faces in Faces mode, 64
  locations in Places mode, 72, 77

burning iPhoto discs, 26, 154

buying cameras, 211, 212

calendars
  arranging photos on, 175
  creating, 170
  designing, 171
  editing photos in, 176
  font, style, and size settings, 180–181
  ordering, 185
  printing, 184

calibrating monitors, 197, 207

Cameras. See digital cameras

Card readers, 11, 14, 191, 213
  See also memory cards

cards
  creating, 168
  designing, 169
  editing photos in, 176
  font, style, and size settings, 180–181
  ordering, 185
  printing, 184

CDs
  burning iPhoto disc, 26, 154
  checking readability of backups, 27
  CD-R vs. CD-RW, 27, 28
  importing photos from iPhoto, 17, 154
  Kodak Photo/Picture, 14

checkmark keyword, 53

children, photos of, 217

clean installations, 6

Collage screen saver, 132

color
  perception of, 206
  rendering, 206
  reproducing, 96
  text, 182

color correction, 207

color management, 206–207

color-matching systems, 207

Colors window, 182

ColorSync technology, 207

comparing photos, 22

compression, 83

Confirm Name button, 64, 66

Constrain pop-up menu, 87

contact sheets, 163

contextual menu shortcuts, 34

Contrast slider (Adjust window), 100

corruption, 188, 192

crashes, 187, 189, 192

Crop button, 87

crop marks, 162

cropping
  choosing aspect ratios before, 88
  including extra space for, 89
  interpolation implied by, 205
  selecting area for, 87
  steps in process of, 89

culling photos, 22

customizing slides, 122

Data folder, 19

date/time information, 51, 58

Definition slider (Adjust window), 102, 104, 105

deleting
  albums, 44
  book pages, 174
  folders, 38
  keywords, 53
  originals from camera, 13
  people from Faces, 70
  photos, 21
  saved slideshows, 116
  sources, 44
  Web albums, 44, 141
  See also removing

Descriptions field, 50

deselecting photos, 45

designing
  Book pages, 173
  calendar pages, 171
  cards, 169
  print projects, 159

Desktop & Screen Saver pane, 131, 132

Desktop photos, 131

digital cameras
  accessories for, 213
  aspect ratios in, 202–203
  color rendering by, 206
  considerations for choosing, 211, 212
  ejecting from Desktop, 13
  importing photos from, 13
  launching iPhoto automatically, 12
  reviews of, 212
  unrecognized by iPhoto, 190

directory structure in iPhoto, 19

disappearance of photos, 188

discussion forums, 199

Display Calibrator Assistant, 197, 207

display pane, 9, 32, 33

distributing slideshows, 127

documentary photography, 210

downsampling, 204, 205

dragging
  exporting multiple files by, 153
  importing photos by, 16
  photos onto Albums list title, 39

Index
Index

duplicating
  folder and contents, 38
  photos for editing, 85
  sources, 42
duration of slides, 122, 124, 130
DVDS
  burning iPhoto disc, 26, 154
  slideshows on, 129–130

E
Edit Keywords window, 53
edit list, 79
edit mode, 8, 29, 80
Edit My Places dialog, 72
Edit Photos pop-up menu, 80, 110
editing, 79–112
  Adjust window for, 96–108
  aspect ratios and, 88
  contrast, 100
cropping and, 89
date/time information, 51
definition/details, 102
duplicating photos for, 85
Effects window for, 94–95
enhancing photos, 91
exposure, 98
external editors for, 110–111
full screen mode for, 82
highlight detail, 103
histograms and, 97
layers used for, 112
levels, 99
noise, 106
nondestructive, 79
photos unavailable for, 192
print project photos, 176
RAW files, 83
reducing red-eye, 92
retouching photos, 93
rotating photos, 86, 123
saturation, 101
selecting part of photo for, 87
shadow detail, 104
shared photos, 151
sharpness of images, 105
slide photos, 123
smart albums, 40
straightening photos, 90
temperature of photo, 107
tint of photo, 108
tools for, 81–82
undoing changes from, 109
zooming photos for, 84
See also external editors
Effects window, 94–95
emailing photos, 156
Enhance button, 91
events
  changing key photo, 36
making from flagged photos, 56
moving photos between, 37
renaming, 36
selecting after search, 57
splitting and merging, 37
viewing photos in, 36
Events pane (Preferences window), 33
EXIF (Exchangeable Image File) data, 15, 62
Export Photos dialog, 144, 152
exporting photos
  dragging files for, 153
  with keywords, 54
  merging libraries and, 28
to QuickTime movies, 126
sharing via, 152–153
as slideshows, 126
to Web pages, 144–145
exposure adjustments, 98
Exposure slider (Adjust window), 98
Extended Photo Info window, 62
external editors, 110–111
editing photos in, 110
examples of, 111
RAW files and, 83
reasons to use, 111
selecting, 80
troubleshooting problems with, 192

F
Facebook
  connecting iPhoto with, 136
  creating albums on, 139
  managing albums on, 141
  sign up info for, 135
  using names on, 68, 69
Faces mode, 8, 63–70
  browsing, 64
deleting people from, 70
  fixing mistaken faces in, 67
  information added in, 68
  limitations of, 63
  naming faces in, 64, 65
  organize mode and, 29, 30, 69
  training, 64, 66
filenames
  duplicate photo, 85
  for exported files, 152
  photo titles as, 28
files
  exporting, 152–153
  finding original, 19, 20
  formats supported in iPhoto, 15
  RAW, 2, 83
  sharing, 149
Finder window, 155
finding
  camera reviews, 212
  original files, 19, 20
See also searching

duplicate
Index

Fit Slideshow to Music option, 120, 122
fitting photos to frames, 176
flagged photos, 56
Flickr
  connecting iPhoto with, 137
  creating albums on, 140
  managing albums on, 141
  sign up info for, 135
folders
  creating, 38
  deleting, 38, 44
  directory structure for, 19
  downloading photos to, 18
  duplicating, 38, 42
  moving items to/from, 38
  smart albums and, 41
fonts
  changing, 180–181
  choosing, 169
  copying information about, 181
Fonts window, 181
FTP, 142, 145
full screen mode, 82, 84

G
gamma, 197
gamut, 206
General pane (Preferences window), 33
  edit mode preferences, 80
  email configuration, 156
  rotation direction preferences, 86
Geophoto, 71
gotagged photos, 71, 74, 140
GPS tracking, 71
GraphicConverter, 111, 152, 191, 198
greeting cards. See cards
Gutenprint/Gimp-Print drivers, 157

H
hardware requirements, 2
help resources, 199
hiding/showing
  photos, 55
  Thumbnail list, 81
hierarchical location browser, 72, 77
Highlights slider (Adjust window), 103
histograms, 97
Houdah Geo, 71

I
icons
  orange flag, 56
  orange X, 55
  spinning progress, 141
  warning, 167, 177, 198, 204
iDVD, 2, 129–130
iLife, 3, 4
Image Capture, 18
iMovie slideshows, 128
import mode, 8, 12
Import Photos dialog, 15
importing photos, 13–18
  from card readers, 14
  from digital cameras, 13
  entering import mode, 12
  from files, 15
  Image Capture used for, 18
  from iPhoto discs, 17, 154
  leaving originals in place when, 20
  located in shared albums, 151
  from Mail, Safari, and other apps, 16
  by saving and dragging, 16
  troubleshooting problems with, 190–191
Information pane
  illustrated, 9, 31
  viewing info in, 61, 62
Information dialog, 61
inkjet printers
  color rendering by, 206
  matching paper to, 160
  printing tips for, 161
installing iPhoto, 4
interpolation, 205
iPhone, 127, 133
iPhoto
  acquiring, 3
  directory structure, 19
  file formats supported in, 15
  help resources, 199
  installing, 4
  interface, 9
  launching, 7, 12
  modes, 8
  new iPhoto '09 features, 6
  relaunching after crash, 187, 189
  sharing photos in, 150
  system requirements, 2
  updating, 5–6
  version numbers, 1
  Web export tools, 145
iPhoto Buddy, 25
iPhoto discs, 17, 26, 154, 191
iPhoto Library Manager, 25, 28, 189
iPhoto Library packages, 19
  creating multiple, 24
  deleting items from, 19
  importing without copying into, 20
  merging, 28
  opening, 19, 25
  recovering photos from, 19
  switching between, 25
  See also libraries
iPod, 127, 133
IPTC metadata, 54
iTunes, 119
iWeb, 142–143
  blog photo publishing with, 143
  publishing photo pages with, 142

Click here to buy the full 240-page “iPhoto ’09: Visual QuickStart Guide” for only $15!
Index

<table>
<thead>
<tr>
<th>J</th>
</tr>
</thead>
<tbody>
<tr>
<td>JPEG compression, 79, 83</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Keepsakes list, 30</td>
</tr>
<tr>
<td>Ken Burns Effect, 118, 122, 124, 128, 132</td>
</tr>
<tr>
<td>key photos, 36, 68</td>
</tr>
<tr>
<td>keywords</td>
</tr>
<tr>
<td>albums vs., 54</td>
</tr>
<tr>
<td>categorizing album photos with, 39</td>
</tr>
<tr>
<td>exporting with photos, 54</td>
</tr>
<tr>
<td>included in Flickr uploads, 140</td>
</tr>
<tr>
<td>on iPhoto discs, 17</td>
</tr>
<tr>
<td>removing from photos, 54</td>
</tr>
<tr>
<td>searching photos by, 59</td>
</tr>
<tr>
<td>working with, 53–54</td>
</tr>
<tr>
<td>Kodak Photo/Picture CDs, 14</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>landscape orientation, 130, 131, 215</td>
</tr>
<tr>
<td>landscape photo tips, 218</td>
</tr>
<tr>
<td>laptop memory card adapters, 14</td>
</tr>
<tr>
<td>Last Import album, 12</td>
</tr>
<tr>
<td>launching iPhoto, 7, 12</td>
</tr>
<tr>
<td>layers, 112</td>
</tr>
<tr>
<td>lenses, 211, 213</td>
</tr>
<tr>
<td>Levels histogram, 97</td>
</tr>
<tr>
<td>Levels sliders (Adjust window), 99</td>
</tr>
<tr>
<td>libraries</td>
</tr>
<tr>
<td>creating multiple, 24</td>
</tr>
<tr>
<td>iPhoto Library folders, 26</td>
</tr>
<tr>
<td>merging, 28</td>
</tr>
<tr>
<td>rebuilding, 188, 189</td>
</tr>
<tr>
<td>sharing, 148–149</td>
</tr>
<tr>
<td>switching between, 25</td>
</tr>
<tr>
<td>See also iPhoto Library packages</td>
</tr>
<tr>
<td>lighting adjustments, 107</td>
</tr>
<tr>
<td>lossy vs. lossless compression, 83</td>
</tr>
<tr>
<td>low-resolution warning icon, 177, 198, 204</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mail messages, 16</td>
</tr>
<tr>
<td>Mail Photo dialog, 156</td>
</tr>
<tr>
<td>managing photos</td>
</tr>
<tr>
<td>archiving photos, 27</td>
</tr>
<tr>
<td>backing up photos, 26–27</td>
</tr>
<tr>
<td>creating multiple libraries, 24</td>
</tr>
<tr>
<td>culling imported photos, 22</td>
</tr>
<tr>
<td>deleting photos, 21</td>
</tr>
<tr>
<td>iPhoto directory structure for, 19</td>
</tr>
<tr>
<td>leaving imported photos in place, 20</td>
</tr>
<tr>
<td>recovering photos, 23</td>
</tr>
<tr>
<td>maps</td>
</tr>
<tr>
<td>travel book, 78</td>
</tr>
<tr>
<td>viewing, 72, 73, 76</td>
</tr>
<tr>
<td>working with, 76</td>
</tr>
<tr>
<td>zooming, 73, 76</td>
</tr>
<tr>
<td>megapixels, 211</td>
</tr>
<tr>
<td>memory cards</td>
</tr>
<tr>
<td>buying larger, 213</td>
</tr>
<tr>
<td>removing from card reader, 14</td>
</tr>
<tr>
<td>unrecognized by iPhoto, 190</td>
</tr>
<tr>
<td>merging</td>
</tr>
<tr>
<td>events, 37</td>
</tr>
<tr>
<td>libraries, 28</td>
</tr>
<tr>
<td>metadata</td>
</tr>
<tr>
<td>EXIF, 15, 62</td>
</tr>
<tr>
<td>IPTC, 54</td>
</tr>
<tr>
<td>viewing, 62</td>
</tr>
<tr>
<td>Mirror Image option, 174</td>
</tr>
<tr>
<td>misnamed files, 191</td>
</tr>
<tr>
<td>MobileMe</td>
</tr>
<tr>
<td>creating albums on, 138</td>
</tr>
<tr>
<td>iWeb uploads via, 142</td>
</tr>
<tr>
<td>managing albums on, 141</td>
</tr>
<tr>
<td>sign up info for, 135</td>
</tr>
<tr>
<td>subscribing to albums on, 146</td>
</tr>
<tr>
<td>Modified folder, 19</td>
</tr>
<tr>
<td>monitors</td>
</tr>
<tr>
<td>aspect ratios of, 203</td>
</tr>
<tr>
<td>calibrating, 197, 207</td>
</tr>
<tr>
<td>color rendering by, 206</td>
</tr>
<tr>
<td>light emitted by, 205, 207</td>
</tr>
<tr>
<td>using dual, 125, 131</td>
</tr>
<tr>
<td>Mosaic screen saver, 132</td>
</tr>
<tr>
<td>moving</td>
</tr>
<tr>
<td>book pages, 174</td>
</tr>
<tr>
<td>items into and out of folders, 38</td>
</tr>
<tr>
<td>photos between events, 37</td>
</tr>
<tr>
<td>multiple libraries, 24</td>
</tr>
<tr>
<td>multiple photos</td>
</tr>
<tr>
<td>date changes for, 51</td>
</tr>
<tr>
<td>descriptions assigned to, 50</td>
</tr>
<tr>
<td>hiding/showing, 55</td>
</tr>
<tr>
<td>titles assigned to, 49</td>
</tr>
<tr>
<td>multiple prints, 163</td>
</tr>
<tr>
<td>music</td>
</tr>
<tr>
<td>choosing for slide shows, 117, 119, 130</td>
</tr>
<tr>
<td>fitting slideshow to, 120, 122</td>
</tr>
<tr>
<td>troubleshooting problems with, 193</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td>naming/re naming</td>
</tr>
<tr>
<td>events, 36</td>
</tr>
<tr>
<td>exported files, 152</td>
</tr>
<tr>
<td>faces, 64, 65</td>
</tr>
<tr>
<td>keywords, 53</td>
</tr>
<tr>
<td>source items, 43</td>
</tr>
<tr>
<td>network photo sharing, 149</td>
</tr>
<tr>
<td>noise reduction, 106</td>
</tr>
<tr>
<td>nondestructive editing, 79</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>O</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open dialog, 80</td>
</tr>
<tr>
<td>orange flag icon, 56</td>
</tr>
<tr>
<td>orange X icon, 55</td>
</tr>
<tr>
<td>Order Prints dialog, 167, 198</td>
</tr>
<tr>
<td>Order window, 185</td>
</tr>
</tbody>
</table>
Index

ordering
1-Click, 164, 165, 195
Apple ID for, 164, 165
books, 185, 196–197
cards and calendars, 185
getting help with, 199
pricing/shipping details for, 185
prints, 166–167, 196–197
troubleshooting issues with, 195–197
organize mode, 8
controls available in, 31
new features in, 29, 30
switching to, 29
organizing photos, 29–62
adding photos to sources, 46
albums used for, 39–41
contextual menu shortcuts, 34
deleting sources, 44
descriptions for, 50
display pane for, 32, 33
duplicating sources, 42
editing photo dates, 51
events for, 36–37
flagging photos, 56
folders for, 38
hiding/showing photos, 55
keywords used for, 53–54
navigating in iPhoto, 35
ratings used for, 52
removing photos from sources, 47
renaming and rearranging sources, 43
selecting photos, 45
smart albums for, 40–41
sorting photos, 48
splitting/merging events, 37
titling photos, 49
viewing photo information, 61–62
Originals folder, 19

Photos Per Page pop-up menu, 162
Photoshopt Elements, 111
picture books, 42
Pictures folder, 19
Pixellmator, 111
pixels, 202
aspect ratios and, 166
removed when cropping, 89
resolution and, 204–205
Places mode, 8, 71–78
adding new places in, 75
browsing locations in, 72, 77
gatagging photos in, 74
mapping locations in, 72, 76
organize mode and, 29, 30

Paper Size pop-up menu, 162
Paper Size pop-up menu, 162
passwords
Apple ID, 164, 165
forgotten, 165
MobileMe, 138
photo sharing, 150
strong, 164
perception of color, 206
performance problems, troubleshooting, 188
permissions, 190
pet photos, 217
photo feeds, 146

photos
aspect ratios, 88
backing up, 26, 27
dates of, 51
deleting, 21
descriptions for, 50
Desktop, 131
disappearing, 188
duplicating, 85
dating, 79–112, 123
debiding, 156
enhancing, 91
erroring to Web pages, 144–145
flagging, 56
getagging, 71, 74
hiding/showing, 55
importing, 13–18, 191
information about, 61–62
keywords for, 53–54
moving between events, 37
noise reduction, 106
orientation of, 215
publishing, 138–142
rating, 52
recovering, 7, 23, 191
removing from sources, 47
re-touching, 93
rotating, 86, 123
screen saver, 132, 134
searching for, 57–60
selecting, 45
sharing, 147–156
sharpness of, 105
slideshows of, 113–134
sorting, 48
straightening, 90
temperature of, 107
tint of, 108
titling, 49
undoing changes to, 109
zooming, 84, 123, 176

Perception of color, 206
Periformance problems, troubleshooting, 188
permissions, 190
pet photos, 217
photo feeds, 146

iPhoto '09: Visual QuickStart Guide
Click here to buy the full 240-page “iPhoto ’09: Visual QuickStart Guide” for only $15! Click here to buy the full 240-page “iPhoto ’09: Visual QuickStart Guide” for only $15!
travel book feature, 78
viewing maps in, 72, 73
playlists for slideshows, 119
plug-ins, 6, 144, 145
portrait orientation, 130, 131, 215
portrait photo tips, 216
postcards. See cards
Preferences window
Advanced pane, 83
et edit mode setting, 80
email configuration, 156
external editor setting, 110
General, Appearance, and Events panes, 33
rotation direction setting, 86
Web pane, 137
previewing
photos on memory cards, 14
prints, 160, 184
slideshows, 130
Print dialog, 158, 184
printers
color rendering by, 206
drivers for, 157
selecting for photo printing, 213
testing output of, 160
tips for inkjet, 161
printing
books, 184
calendars, 184
cards, 184
contact sheets, 163
designing projects for, 159
overview of features for, 157
paper selection for, 161
preparing photos for, 166
previewing prints for, 160
quality problems with, 194
selected pages, 184
standard-size prints, 162
steps in process of, 158
tips for, 161
troubleshooting, 194
prints
ordering, 166, 167
previewing, 160
quality issues with, 197
sizes and aspect ratios for, 166
publishing photos
to Facebook, 139
to Flickr, 140
to iWeb, 142–143
to Mobile Me, 138
Q
QuickTime movies
distributing, 127
exporting photos and slideshows to, 126
Windows error when playing, 193
R
ratings
assigning, 52
searching by, 60
smart albums and, 40, 41
RAW files
editing, 83
facts about working with, 83, 193
formats supported for, 2
rearranging
book pages, 174
source items, 43
rebuilding libraries, 188, 189
recovering photos
during upgrade, 7
original photos, 109, 191
from Trash, 23
red-eye reduction, 92
Reduce Noise slider (Adjust window), 105, 106
reinstalling iPhoto, 189
removing
album photos, 21
keywords from photos, 54
slideshow photos, 47, 121
smart album photos, 41
Web album photos, 141
See also deleting
renaming, See naming/renameing
rendering color, 206
resolution
cropped photos and, 89
explained, 204–205
warning icon, 177, 198, 204
restoring photos
from iPhoto disc, 17
from Trash, 23
retouching photos, 93
Revert to Original command, 109, 110, 192
rotating photos, 86, 123
RSS feeds, 146
Rule of Thirds, 214, 218
S
Safari, 16
Saturation slider (Adjust window), 101
saved slideshows, 114
controlling, 125
creating and deleting, 116
customizing slides in, 122
distributing, 127
duration of slides in, 122, 124, 130
DVD slideshows from, 129–130
editing photos in, 123
exporting, 126
iMovie slideshows from, 128
Ken Burns Effect for, 124, 128, 132
manipulating, 121
music for, 117, 119, 130
Q
saved slideshows  (continued)
running, 125
See also slideshows
Scale Photos to Fill Screen option, 125
screen savers, 132, 134
scrolling behavior, 35
scrubbing, 36
searching, 57–60
by date, 58
by keywords, 59
by rating, 60
selecting
pages for printing, 184
parts of photos, 87
photos and albums, 45
Set Up Account dialog, 164, 165
Shadows slider (Adjust window), 103, 104, 105
Shared folder, 148
shared volumes, 149
Sharing pane (Preferences window), 150
sharing photos, 147–156
accessing shared photos, 151
actions allowed for, 151
burning iPhoto disc for, 154
discs for non-iPhoto users, 155
emailing photos, 156
exporting files for, 152–153
iPhoto Sharing for, 150
library sharing for, 148–149
network photo sharing for, 149
shared volumes for, 149
troubleshooting problems with, 189
turning on/off, 28, 150
sharing tools, 32
Sharpness slider (Adjust window), 105
shipping information, 165, 167, 185
shortcuts
contextual menu, 34
keyword, 53, 54
size
aspect ratios and, 166
paper, 162
text, 180–181
Size pop-up menu, 152
Size slider, 9, 31
slideshow mode, 8
Slideshow Settings window, 117, 120, 122
slideshows, 113–134
adding photos to, 121
Apple TV, 134
arranging photos in, 121
controls for, 125
creating, 116
default settings for, 120
deleting, 116
Desktop photo, 131
distributing, 127
DVD, 129–130
exporting, 126
iMovie, 128
iPod or iPhone, 127, 133
music for, 117, 119, 130
removing photos from, 47, 121
running, 125
screen saver, 132, 134
setting up basic, 117
syncing, 127, 133–134
themes for, 117, 118
tips for, 125
tools for, 115
troubleshooting, 193
types of, 114
See also saved slideshows
smart albums
creating and editing, 40
describing ideas for working with, 41
removing photos from, 21
sorting photos in, 48
software requirements, 2
Software Update, 5, 187, 190
sorting
photos, 48
slideshows, 121
source pane
deleting items from, 44
dragging photos into, 15, 39
duplicating sources on, 42
illustrated, 9, 31
resizing, 31
saving slideshows in, 115
switching to organize mode in, 29
sources, 30
adding photos to, 46
deleting, 44
duplicating, 42
removing photos from, 47
renaming and rearranging, 43
Speech submenu, 183
spelling tools, 50, 183
spinning progress icon, 141
splitting events, 37
standard-size prints, 162
straightening photos, 90
strong passwords, 164
styles
copying info about, 181
screen saver, 132
text, 180–181
subscribing to Web photo feeds, 146
switching between libraries, 25
synchronizing
slideshows, 127, 133
Web albums, 141
T
taking better photos, 209–219
artistic vs. documentary photos, 210

Click here to buy the full 240-page “iPhoto ’09: Visual QuickStart Guide” for only $15!
camera accessories for, 213
children and pets, 217
choosing a camera for, 211
finding camera reviews for, 212
general tips for, 214–215
landscapes, 218
portraits, 216
travel photos, 219
television slideshows, 125, 127, 134
Temperature slider (Adjust window), 107
testing printer output, 160
text
changing color of, 182
checking spelling of, 50, 183
copying font and style info, 181
entering/editing, 178, 179
font, style, and size settings, 180–181
rules for typing, 179
warning icons, 177
themes
book, 172, 173
calendar, 170, 171
card, 168, 169
contact sheet, 163
print project, 159
slide show, 117, 118
thumbnails
corrupted, 192
hiding/showing list of, 81
slide show, 115
TidBITS, 199
TIFF files, 83
time/date information, 51, 58
Tint slider (Adjust window), 108
titles
for photos, 49
for slide shows, 118, 128
tools
editing, 81–82
slide show, 115
Web export, 145
transitions for slide shows, 120, 193
Trash album, 21, 23
travel photos
maps for, 78
tips for taking, 219
troubleshooting, 187–199
book or photo processing, 196–197
disappearing photos, 188
editing problems, 192
external program issues, 192
help resources for, 199
import problems, 190–191
iPhoto crashes, 187, 189
ordering issues, 195–197
performance problems, 188
photo upload problems, 196
printing, 194
RAW files, 193
slideshows, 193
unrecognized cameras/card readers, 190
warning icons, 198
Type 1 PostScript fonts, 180, 196
undoing
deleted book pages, 174
editing changes, 109
unflagging photos, 56
upgrading iPhoto Library, 7
uploading
iWeb choices for, 142
photos for print orders, 167, 196
user names
Apple ID, 164, 165
MobileMe, 138
Verify Burned Data option, 27
viewing
event photos, 36
maps, 72, 73, 76
photo information, 61–62
Voiceover window, 128
warning icons
low-resolution, 177, 198, 204
ways of handling, 198
Web albums
adding photos to, 141
deleting, 44, 141
export tools for, 145
Facebook, 135, 136, 139
Flickr, 135, 137, 140
iWeb, 142
MobileMe, 135, 138
removing photos from, 47, 141
subscribing to, 146
synchronizing, 141
Web pane (Preferences window), 137
Web sites
camera review, 212
distributing slide shows on, 127
exporting photos to, 144–145
white point adjustments, 99
Windows computers
burning discs for users of, 155
error playing QuickTime movies on, 193
YouSendIt plug-in, 156
YouTube, 127
zooming
maps, 73, 76
photos, 84, 123, 176

229