

Using iPhoto

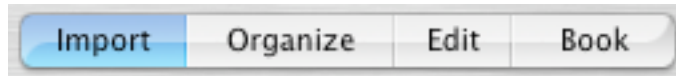
Josh Burkner | josh_burker@misd.wednet.edu
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Apple's iPhoto application allows you to easily import into your computer, catalog, organize, edit, and publish your digital photos. This document will lead you through the basics of using iPhoto.

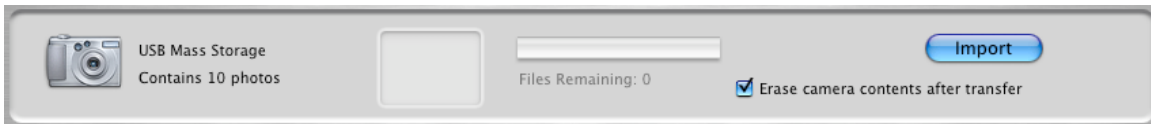
Importing Your Photos

In order to get your digital photos into iPhoto you must physically connect the camera to your Mac using a USB cable supplied with the camera. Plug in the cable to the camera as well as the Mac and turn on the camera's power. iPhoto will automatically open when a camera is connected to the Mac.

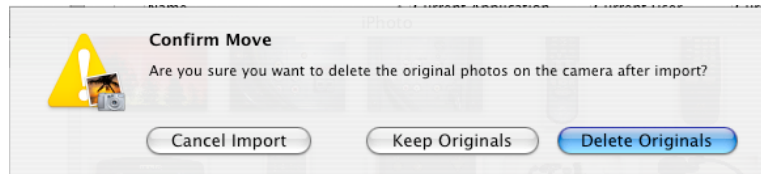
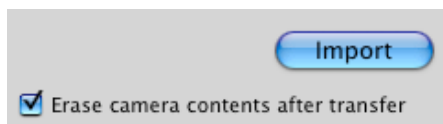
Click on the **Import** button underneath iPhoto's viewing window:



This will open the **Import** pane at the bottom of iPhoto, which will show that there is a camera connected, how many photos are on the camera, as well as provide a means of erasing the camera after the import:

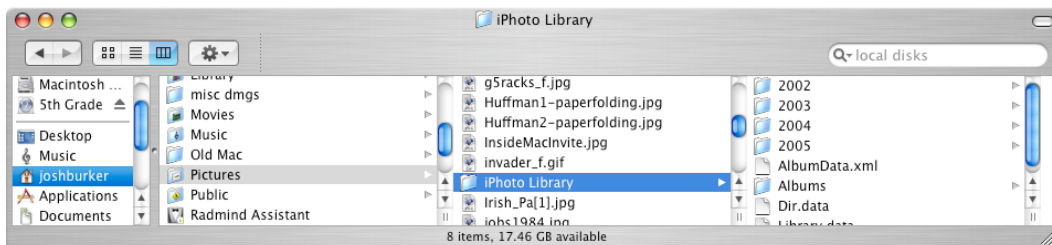


Here we can see that there are 10 photos on the camera. By default iPhoto will erase the camera contents after importing them; this will prepare the camera for the next user. Make sure that the appropriate check box is selected so the camera is erased after import and click the **Import** button:



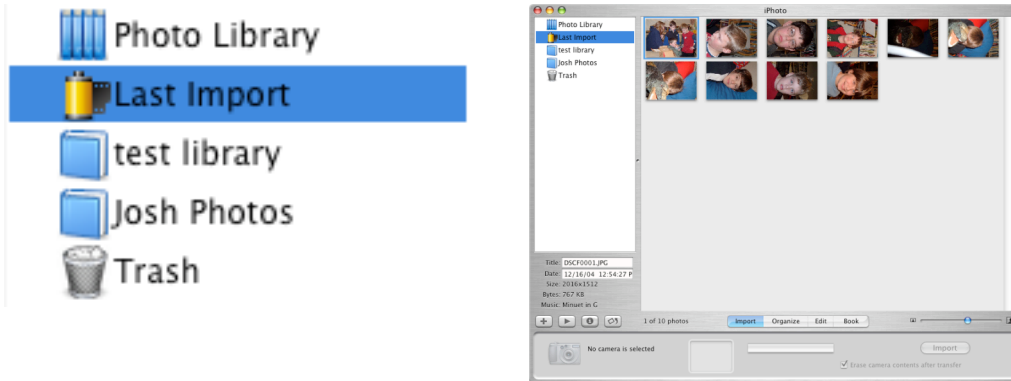
You will be asked to confirm that you actually want to erase the camera; click the **Delete Originals** button and your photos will be imported from the camera and then deleted from the camera's memory.

Your photos will be imported into your iPhoto Library, which lives in your **Home** folder:



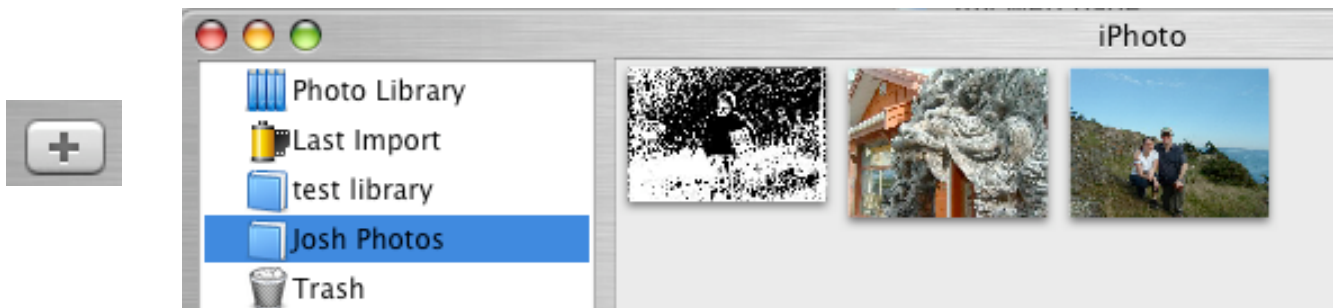
Take care never to move or rename the iPhoto Library folder, as iPhoto will lose track of the photos that you have imported into the program.

If you click **Last Import** in the pane in the upper left of the iPhoto window you will be shown the photos that you just imported:



iPhoto will be much easier to use if you catalog your photos into **albums**. Photos can go into multiple albums without you needing to duplicate the photo; simply drag your photo from the **Photo Library**, which shows all the photos in iPhoto, to your album.

Here I have created an album called **Josh Photos** by clicking the **+** button at the bottom left side of the iPhoto window; a dialog box will appear and you can give your photo a name. You can then drag the photos from the **Photo Library** to your album:



If I wanted to add the picture of Meg and me to the **test library** I could simply drag and drop the photo from the **Josh Photos** album to the **test library** album. The photo would remain in the **Josh Photos** album and appear in the **test library** folder as well.

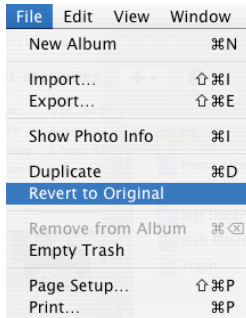
Editing Your Photos

Once you have your photos imported into iPhoto you are able to perform simple editing on them, such as rotating an image, cropping a photo, retouching a photo, or even removing red eye.

Editing a photo will affect the photo in the photo library as well as in every album in which the photo appears. If you wish to edit a photo without changing it in every album in which it appears you should duplicate the photo first.

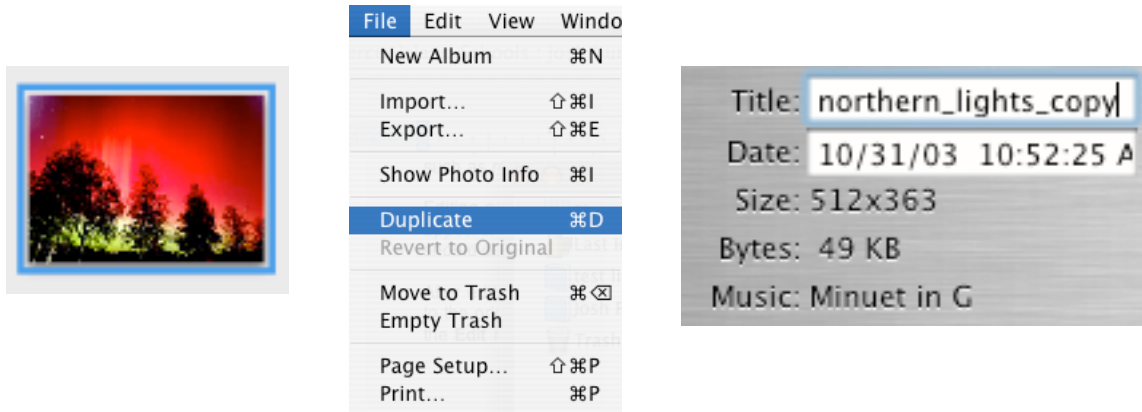
After editing a photo you can press the **Control** key on the keyboard to compare the edited photo to the original. If you want to undo the changes that you have made to the photo you can go to the **Edit** menu and select **Undo**. Alternately, you can go to the **File** menu and select **Revert to**

Original. Any changes that you have made to the photo will be discarded and you will be left with the original photo:



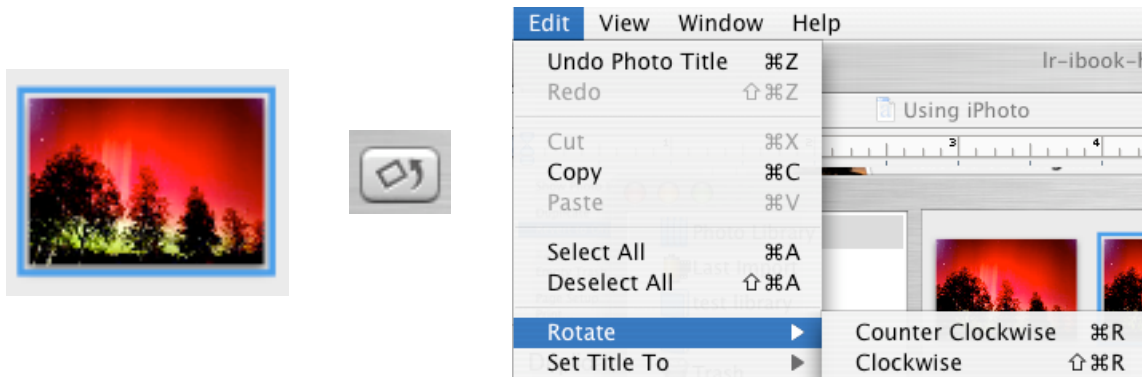
Duplicate a Photo

Duplicating a photo is a good idea if you plan on cropping it, changing it to black and white, or otherwise modifying it. This way you have the original, too. First, select your photo from the album in which you have placed it or from the **Photo Library** in iPhoto. The photo will have a border around it to indicate that you have clicked on it and selected it. Then go to the **File** menu and choose **Duplicate**. The photo will be copied. You can then rename the photo in the **Title** field at the lower left corner of the iPhoto window.



Rotating a Photo

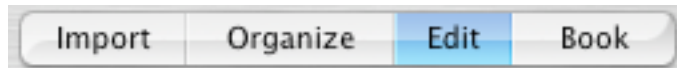
You can rotate your photos by 90° increments. Select the photo you wish to rotate from your album or from the **Photo Library** in iPhoto. The photo will have a border around it to indicate that you have clicked on it and selected it. You can then use the **Rotate** button.



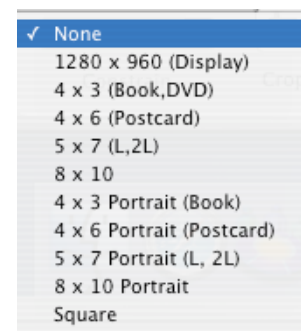
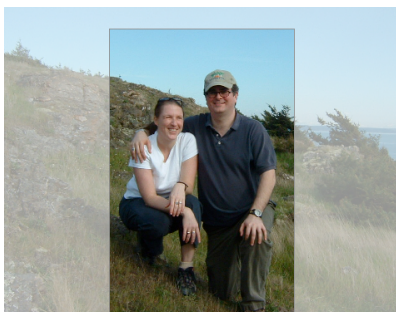
Holding down the **Option** key on the keyboard and clicking the **Rotate** button will cause the image to rotate in the opposite direction. Additionally, with the photo selected you can go to the **Edit** menu and select **Rotate**, either **Counter Clockwise** or **Clockwise**.

Cropping Photos

By cropping a photo you are able to keep the portion of the image that you want and discard the rest. Begin by selecting the photo you wish to crop. Remember, the photo will have a border around it to indicate that you have clicked on it and selected it. Click on the **Edit** button at the bottom of the iPhoto window.



The photo that you wish to crop will fill the viewing window. Drag a box around the area that you wish to keep. The rest of the image will turn slightly white to indicate that it is not part of the selected area. After selecting the area you want to keep, you will notice that the **Crop** button, at the bottom left of the iPhoto window, will be available. There is also a menu called **Proportions** next to the **Crop** button; this will allow you to use pre-defined photo size dimensions for you crop. We will not constrain this crop, so you would click the **Crop** button to remove the extra part of the image.

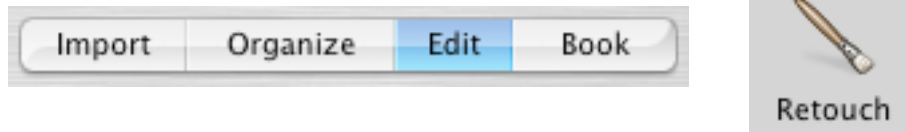


When you click the **Crop** button the “white” part of the image above will be removed, leaving me with only the part that I wanted to keep:



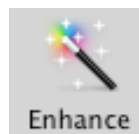
Retouching a Photo

You can use iPhoto to remove small marks and blemishes from your photos. First, select the photo that you want to retouch. Click the **Edit** button at the bottom of the iPhoto window. Then click the **Retouch** button that is in the **Edit** pane at the bottom of the iPhoto window. The cursor will turn to a crosshair pointer. You can then position the cursor over the mark that you want to remove and click and drag in short strokes to blend the mark into the surrounding colors.



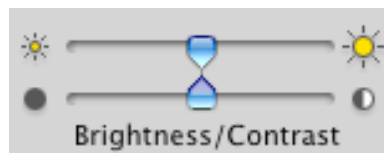
Enhancing the Colors of a Photo

iPhoto can do some simple image enhancement. Select the photo that you wish to enhance. Next, click the **Edit** button. In the **Edit** pane at the bottom of the iPhoto window click on the **Enhance** button: the colors of the image will be “enhanced.” Remember, you can hold down the **Control** key on the keyboard to show your original and then release the key to show the “enhanced” image. Select **Undo** from the **Edit** menu if you are unhappy with the enhancement. Conversely, you can click the **Enhance** button multiple times to continue refining the color enhancement.



Adjusting the Brightness and Contrast of a Photo

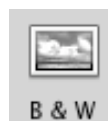
iPhoto can also be used to adjust the brightness and contrast of an image. Start by selecting the image that you wish to adjust. Next, click the **Edit** button. In the **Edit** pane at the bottom of the iPhoto window you will notice that there are **Brightness** and **Contrast** sliders. You can adjust the settings by moving the sliders.



Remember, you can hold down the **Control** key on the keyboard to show your original and then release the key to show the adjusted image.

Changing a Color Photo to Black and White

You can very easily remove the color from a color image and change it to a black and white photo. Simply select the photo that you want to change to black and white. Then click the **Edit** button at the bottom of the iPhoto window. Click the **B & W** button to change the image.



Removing Red Eye from a Photo

To conclude the editing possibilities in iPhoto, you are able to remove red eye from a photo. Select the photo that has a subject with red eye. Start by clicking on the **Edit** button at the bottom of the iPhoto window. Drag a box around the eyes of the person in the photo who has red eye. You need select only the eyes. Then click the **Red Eye** button; the person's eyes will appear normal in the image.



Conclusion

As shown, iPhoto is a convenient application in which you can store your digital images, make simple changes to the image such as crops, brightness and contrast, and removing red eye.