



LESSON 6

Exploring Entertainment Applications

In this lesson, you will find time to relax and enjoy some of the fun programs in Leopard. These programs can be creative and entertaining, as well as provide a service. Dashboard lets you pick Widgets that can tell you the weather, let you know how your stocks are doing, and provide other information. iTunes plays your favorite music and videos. iPhoto makes loading pictures from your digital camera quick and easy. If you have a video camera, then iMovie will import your video so you can create that Academy Award-winning film.

LESSON OBJECTIVES

After studying this lesson, you will be able to:

- Add and configure Widgets to Dashboard
- Create playlists and burn CDs with iTunes
- Work with photos using iPhoto
- Create a movie with iMovie

Additional learning resources are available at labpub.com/learn/silver/welmac_leopard/

Case Study: Taking Time to Relax

Jane Baker purchased her new Mac because she was interested in creating some home movies and work with some pictures of her grandchildren. A friend had told her that he had used a PC for years but had never gotten involved in working with videos until he purchased a Mac. He told Jane that he had some old video footage of his kids as they were growing up. He used his Mac to import the video, make the videos into movies, and then burn them to DVDs. Jane is very interested in the iPhoto and iMovie programs that her Mac Leopard already has installed. She wants to be able to make copies of her CD collection so she can use the copies and not damage the originals. Jane also likes the Dashboard program and how it lets her run other programs (Widgets) in the background that are ready at a click of her mouse.



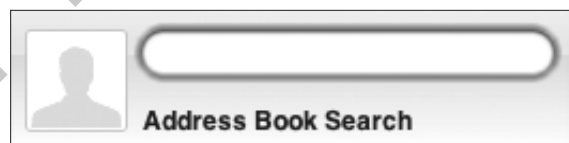
Examples of Dashboard Widgets

Using Dashboard

The Dashboard icon is on the Dock. Initially when you open Dashboard, you will not see anything other than a change in the way your screen looks. You need to add some Widgets. Widgets are small application programs, sometimes called Applets, that perform tasks for you. You add, configure, and delete Widgets with the Widget Manager. They appear on a bar at the bottom of your Widget Manager window.



The manager has installed Widgets you can use, but you can download more from Apple's website. Some Widgets are helper applets for other programs such as Address Book.



When you add the Address Book Widget, you do not have to open Address Book and then search for a contact. You can just click Dashboard on the Dock and then type the name of your contact into the search field.

Some Widgets need to be configured before you can use them. In most cases, configuring Widgets may only require you to put in your time zone or city and state. World Clock is one of the Widgets that need to be configured.



If a Widget needs to be configured, you will see a small, lowercase *i* at the bottom corner of the screen. Clicking the *i* will flip the Widget around so you can enter your information.

The World Clock will display the time for whatever region and city you want. Suppose you do business with people in the Pacific Time Zone and you want to keep track of their time. You can do that with World Clock.

Once you have added your Widgets, they are always available by just clicking the Dashboard icon. To close Dashboard, all you have to do is click anywhere on your Desktop.

Sometimes you can accumulate a lot of Widgets, and Leopard has a tool for keeping them organized. You can launch the Widget Organizer by clicking the Manage Widgets button.



The Organizer will let you see all the Widgets you have installed on your computer.

If you wish to hide a Widget from the Manage Widget window, you can uncheck its checkbox. The Widgets will remain on your Mac if you want to use them in the future.



The Widget Manager will let you select Widgets for the Dashboard, and the Organizer will help you to keep the ones you have installed either hidden or available.

To return to your work and put Dashboard aside, all you need to do is click any area of the Desktop.



HANDS-ON 6.1 Use Dashboard Widgets

In this exercise, you will open Dashboard, add some Widgets, and configure them. Finally, you will close Dashboard.

1. Click the Dashboard icon.
2. Click the Add Widget + to bring up the Widget Manager.



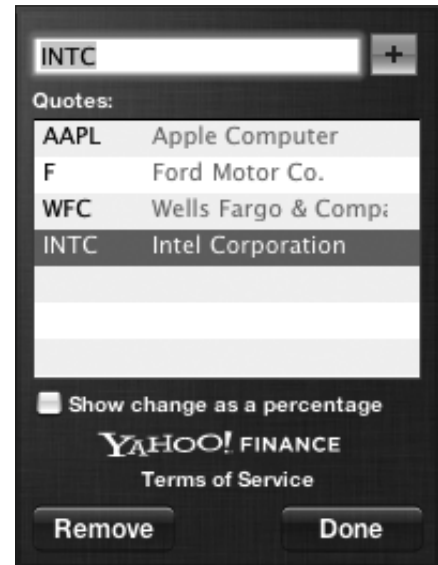
3. Click the Calculator Widget.
4. Click any area of the Desktop, this will close the Dashboard screen.
5. Click the Dashboard icon again.
You can now use your calculator any time you need it by clicking the Dashboard icon.

Add More Widgets

6. Click the Dashboard icon and then the Add Widget +.
7. Click the Stock Widget.



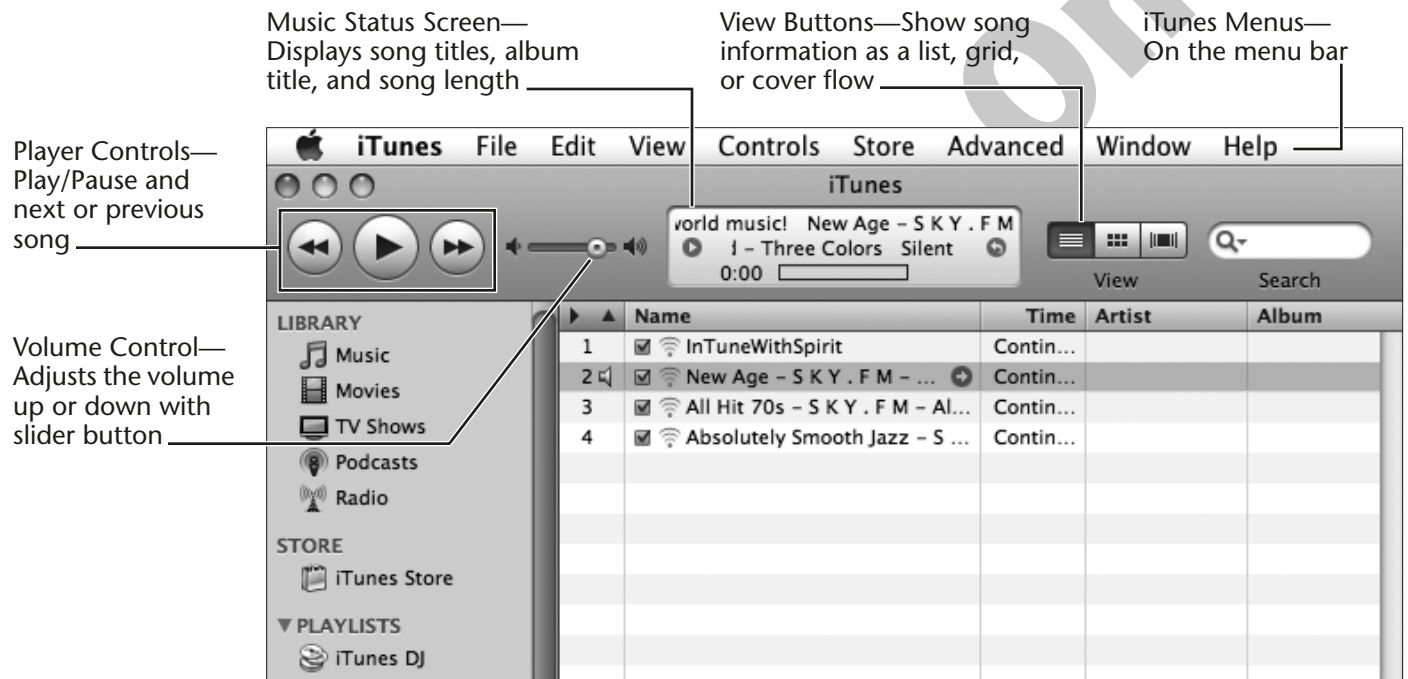
8. Click the *I* to configure.
9. Add Ford, Intel, and Wells Fargo stocks to track.
You can click on the ⊗ to remove a Widget.
10. Click in the checkbox to Show change as a percentage.
11. Click the Done button when you are finished.
You can now track stocks on the stock market to see what any particular stock is doing.



Using iTunes

The Leopard's music and video player is iTunes. Using iTunes you can listen to online radio stations and CDs, import music, and create playlists. If you are looking for a certain song you heard, you can purchase it from the iTunes music store. Maybe it's a video you are looking for; the iTunes store has that, too. Do you want to burn CD to take your music with you? iTunes has the ability to burn CDs of your favorite playlists.

You can launch iTunes by clicking the iTunes icon on the Dock.

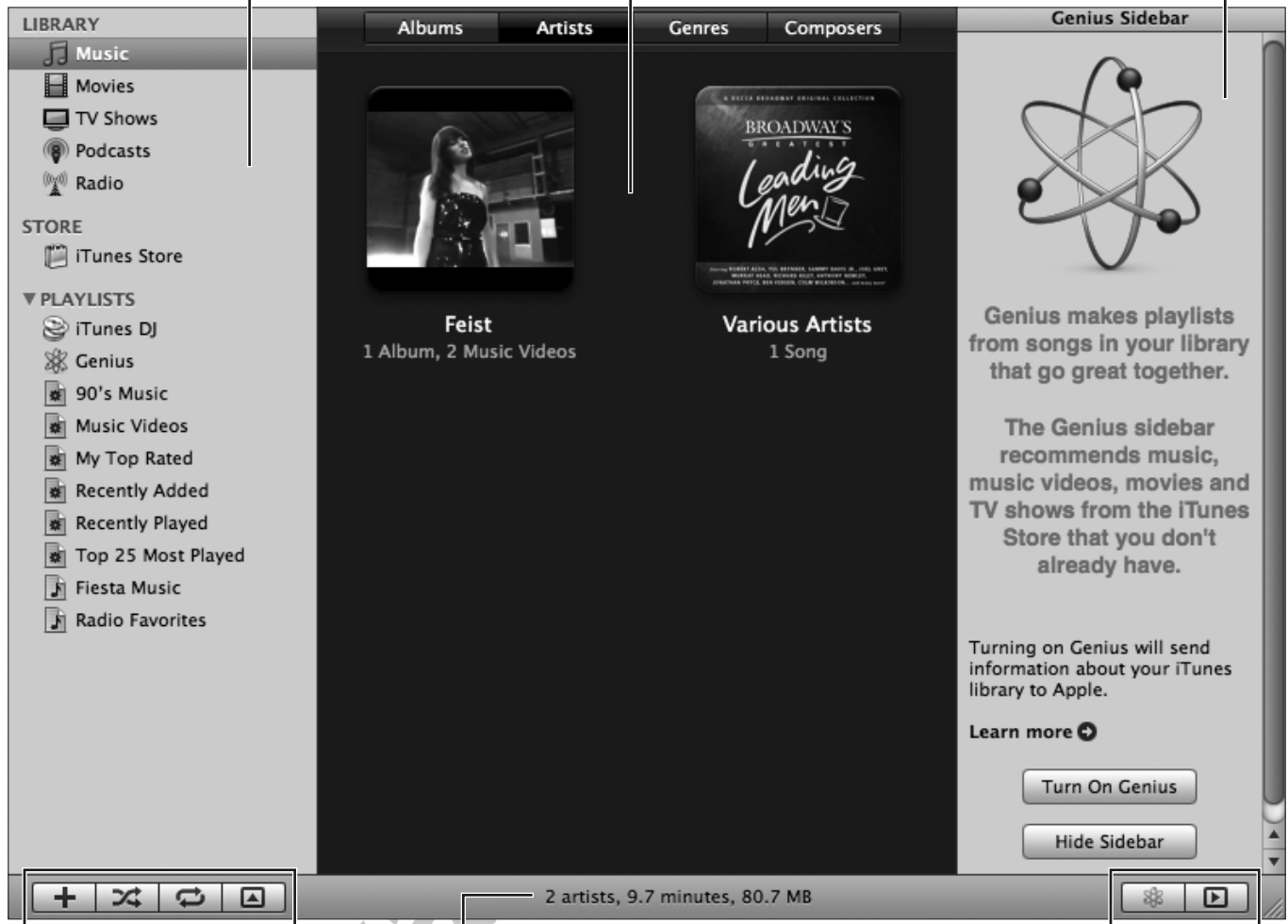


iTunes Window with Menus

Playlist Sidebar—Shows the library plus any playlists you create

Song Information Pane—Gives current tracks or album information

Genius Sidebar—iTunes wizard that will make recommendations for music



Buttons—Add playlist, Shuffle (Randomize), Repeat, hide/show video pane

Status Bar—Displays status of songs or album, number of minutes, and size

Buttons—Burn Disc (not shown), Start Genius, hide/show Genius

You can create playlists to hold your favorite songs by clicking the Add playlist button. Placing a CD in your CD drive will bring up a list of songs in the song information pane. You can then drag the songs you want to copy from the CD to your playlist. You can also add songs to your library by selecting the source, and iTunes will copy the songs over into the recently added playlist. You can play your songs in random order using Shuffle. You can also play a playlist once, repeat a playlist, or repeat the current item. The hide/show video pane will show you a small photo of the video you are playing.

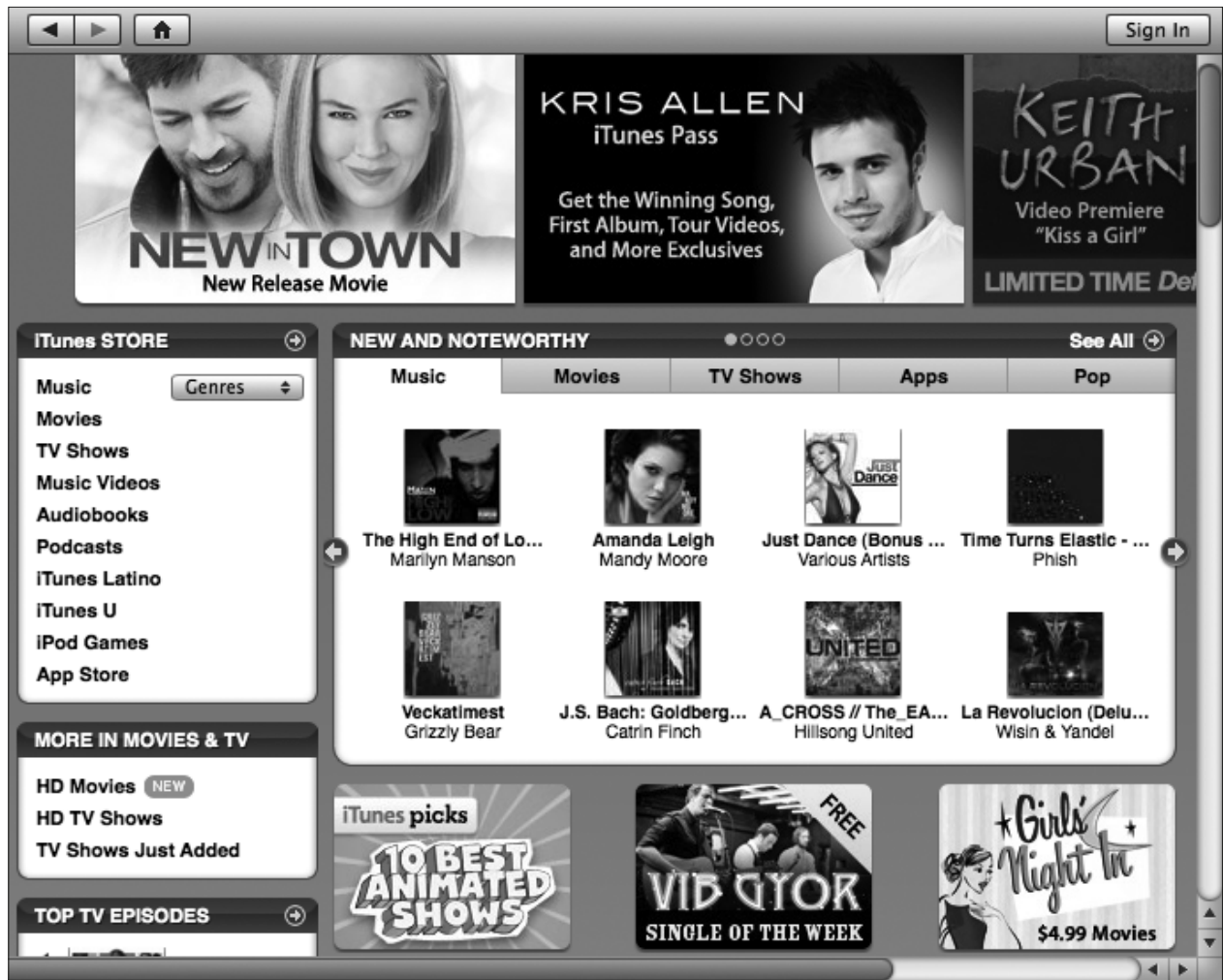
If you have a large music collection and are interested in adding more music, starting the iTunes Genius will gather information about your current favorites and recommend music based on your current interests.

If you see songs that you like, you can sign up for an iTunes account at the iTunes Music store and then download the song. Of course, there is a slight charge for each song you purchase.

The songs shown here are recommendations based on the Everly Brothers' song "Bye Bye Love" in the recent favorites. The iTunes Genius picked up on this and decided that songs from the 1950s was a good match for your music interests.

Once you have started the iTunes Genius and set up an iTunes account, there will be an abundance of music, movies, TV shows, and podcasts available to you.






Now you can have backup copies of your CD collection or build a new CD composed of favorites. To burn a CD of your favorite music playlist, you only need to insert a blank CD into the CD drive and click the Burn Disc button.





Another fun feature of iTunes is the iTunes DJ.

Welcome to iTunes DJ

iTunes DJ automatically picks songs to make a continuous mix of your music.



 **Always in Control**
See the list of upcoming songs and add to, remove from, or reorder them at any time.

 **Make a Request**
Allow guests to request songs using the Remote application for iPhone and iPod touch.

[Continue](#)

The iTunes DJ lets you become the disc jockey for the next party. Using the DJ's Party Shuffle feature will let you create a dynamic playlist using your music library or a playlist. You can review songs, reorder or delete songs on the fly, and take charge like a real DJ.

iTunes DJ Settings

Display: recently played songs
 upcoming songs

Play higher rated songs more often

Allow guests to request songs with Remote for iPhone or iPod touch

Welcome Message:

Enable voting
Guests can vote to control when songs play.

Require password:

 [Cancel](#) [OK](#)

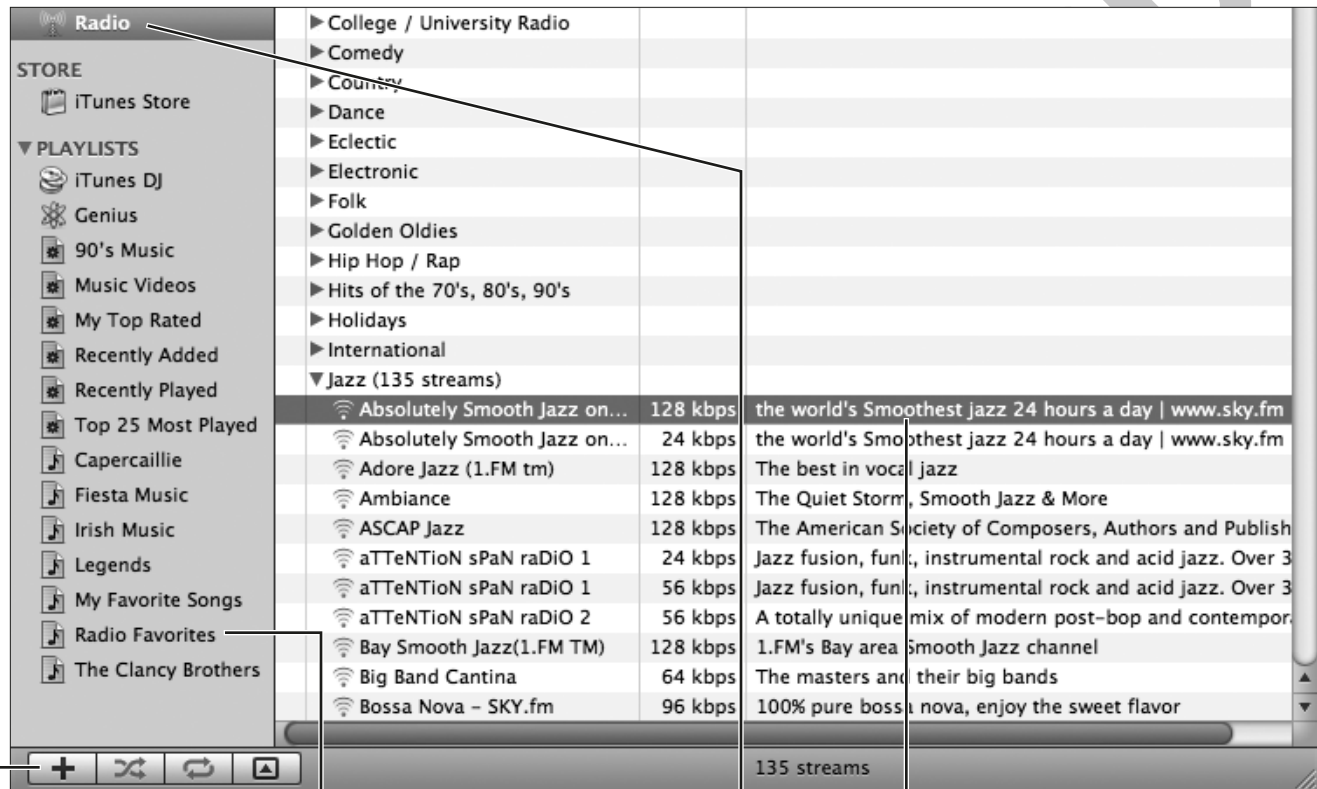
iTunes DJ Settings



HANDS-ON 6.2 Open Music and Video with iTunes

In this exercise, you will open iTunes, look at the radio selection, create a playlist, and move a radio station into the playlist.

1. Open iTunes on the Dock.
2. Follow these steps to create a playlist, and place a radio station into your new playlist:



A Click the Add Playlist button.

B Type **Radio Favorites** into the playlist field.

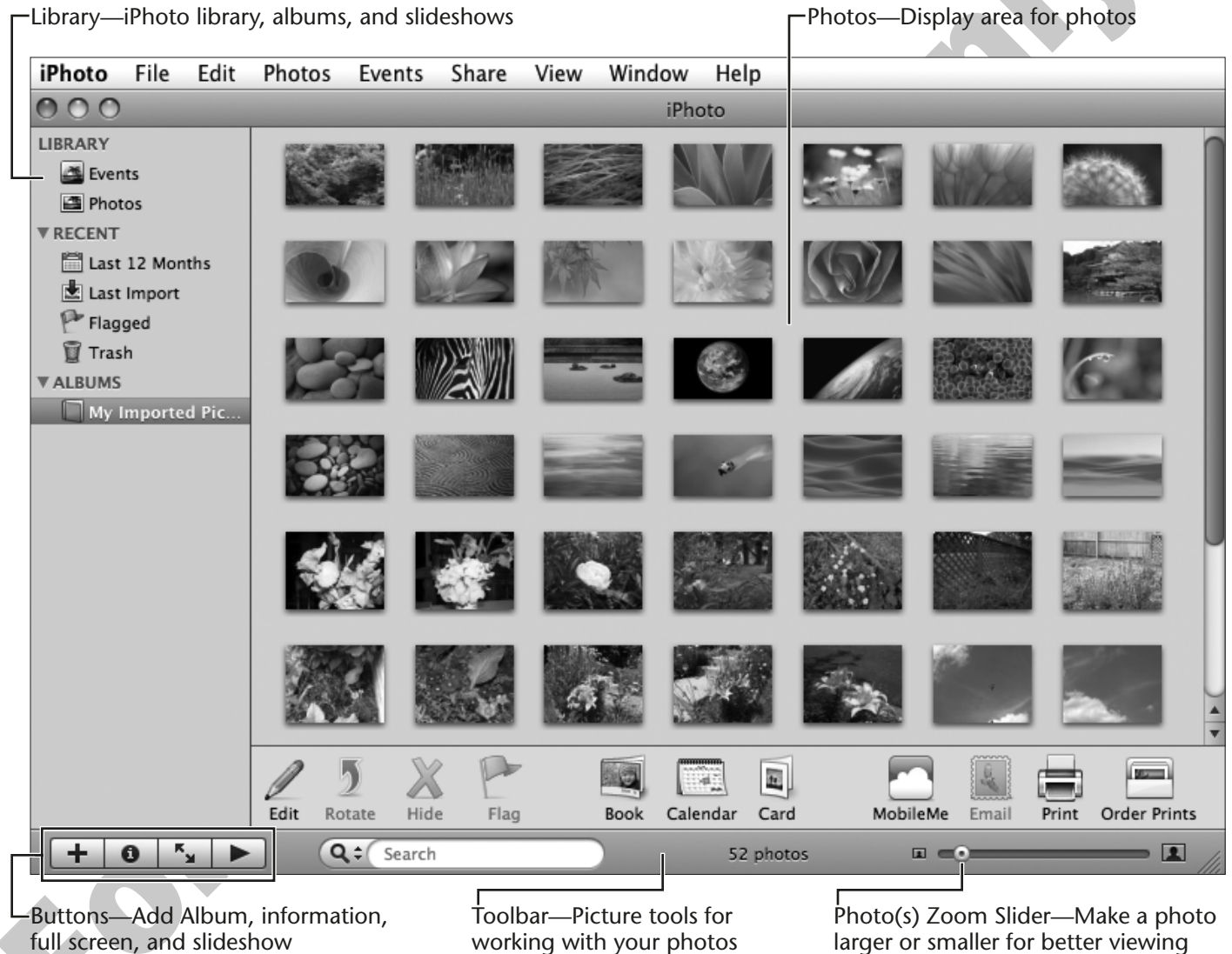
C Click Radio.

D Select a radio station that interests you, for example, Jazz.

3. Drag the station to your Radio Favorites playlist.

Mastering iPhoto

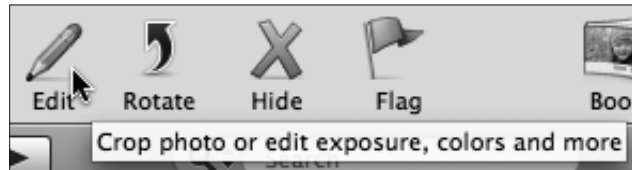
Now there is not any excuse to put off getting that digital camera. You can import your photos with ease using iPhoto. Once you have your photo stored in iPhoto, you can create photo albums, slideshows with music, cards, books, or even a calendar. You can email your photos to friends and family or place them on the web with MobileMe or iWeb. Finally, you can print your photos in a variety of sizes or burn them to a CD.



Before you can work with your photos, you need to get some photos into iPhoto. If you have a digital camera, you can import them from the camera. If you don't have a camera, you will need to load some photos that you have from a thumb drive or external drive. You can import photos by using the Import to Library command from the File menu. Once you have the photos

you want in iPhoto, you can create an album, slideshow, book, card, or calendar, or you can place them in your MobileME account to share with your friends and family.

Photo Editing with iPhoto is easy. Select the photo you want to edit and use the Edit button on the toolbar.



Using the Edit button will place you in the Edit window where you can crop your photo, edit the exposure and colors, and do much more.



Cropping a Photo

You can create a slideshow with your photos and use sample music from iPhotos or music from your iTunes playlists. Once you are satisfied with your slideshow and want to share it, you can then convert that into a QuickTime movie.

Maybe you want to share your Photos with your friends and family. Using iPhoto you have two methods to get your photos out so others can see them. You can display them on your MobileME account and let the photos be viewed online, or you can email them to your recipients.



Once you have edited your photos, you can print them for framing and display, using a variety of sizes.

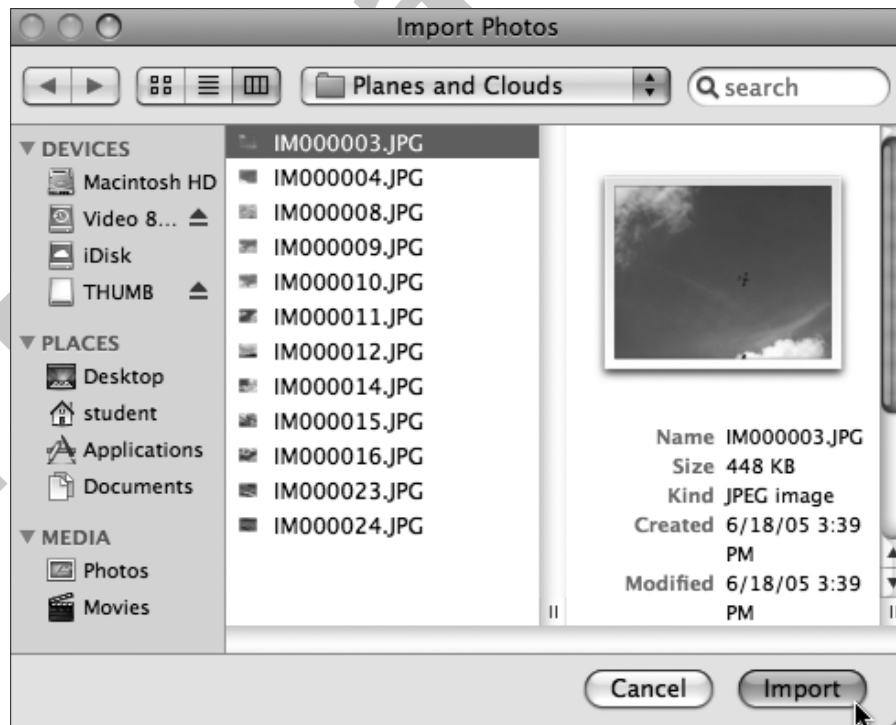


HANDS-ON 6.3 Practice with iPhoto

In this exercise, you will import photos into iPhoto. The files will be used to create a slideshow.

Before You Begin: Make sure you have downloaded the student exercise files for this course. If you haven't, see Storing Your Exercise Files on the student web page at labpub.com/learn/silver/welmac_leopard.

1. Click iPhoto.
2. Choose File→Import to Library.
3. Navigate to your file storage location and import the contents of each folder.

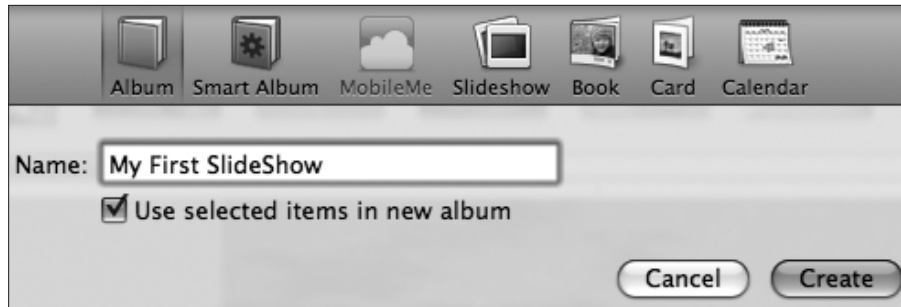


4. Click the Import button when you have the folder or files selected.

- Click the Create button.



- Click the Slideshow command from the Toolbar.



- Type **My First Slide Show** in the Name field and then click the Create button.

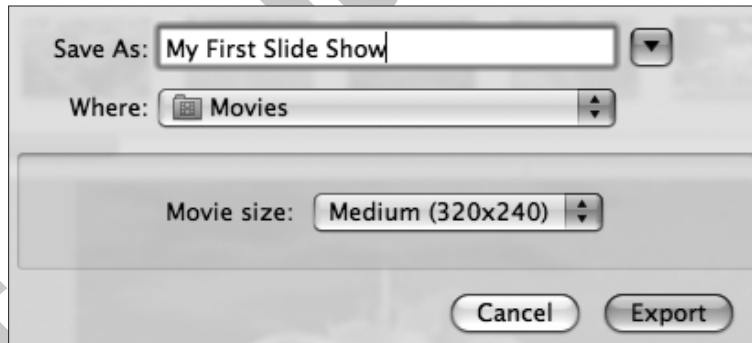
Play the Slideshow

- Click Play.

You will notice that when your slideshow plays, iPhoto has automatically selected music for it. You can change the music, if you like, by picking a song from your iTunes favorites.

Export the Slideshow

- Choose File→Export.



- Type **My First Slide Show** and select Medium for the Movie size.

- Click the Export button.

iPhoto will build your movie and save it in the Movies folder.

- Using Finder, navigate to the Movies folder and double-click to open it.



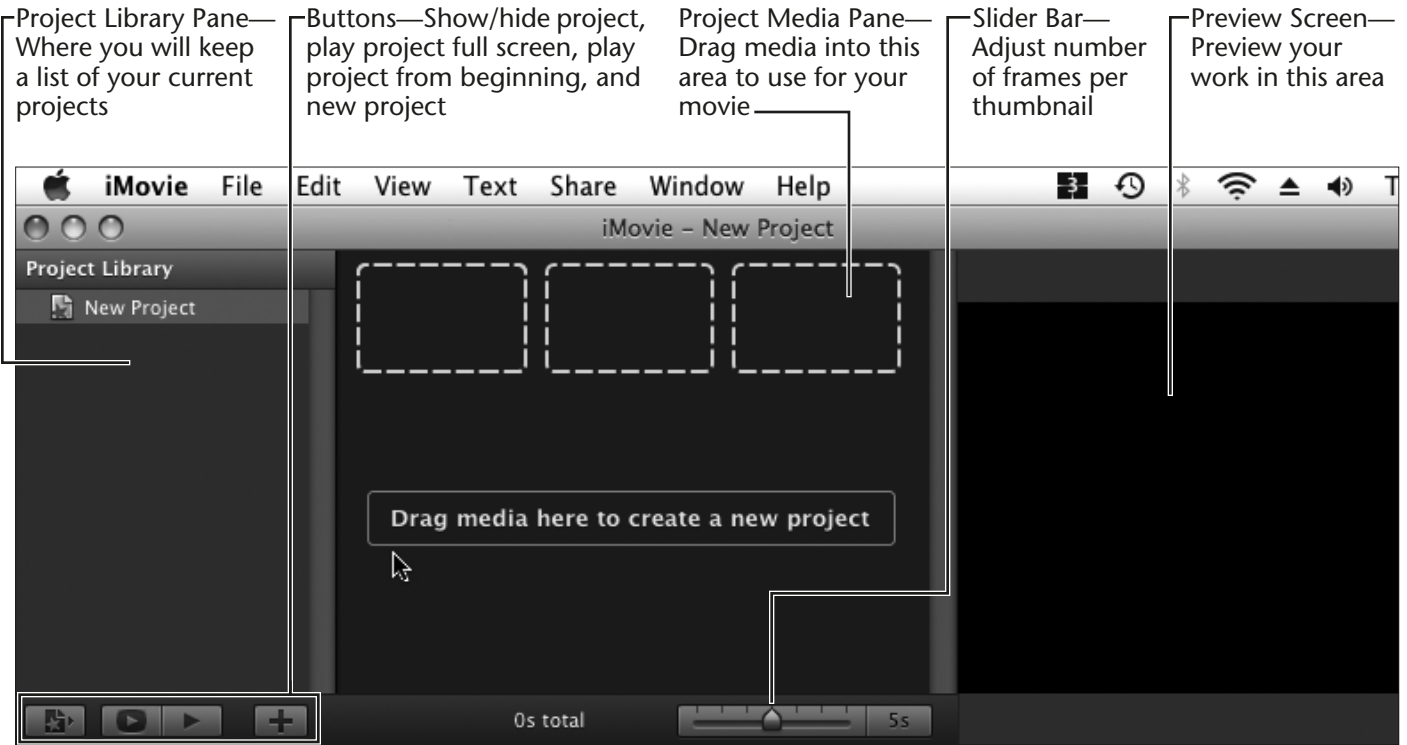
- Double-click your movie file. QuickTime is the default player and will open when you click movie files. Click the QuickTime play button.



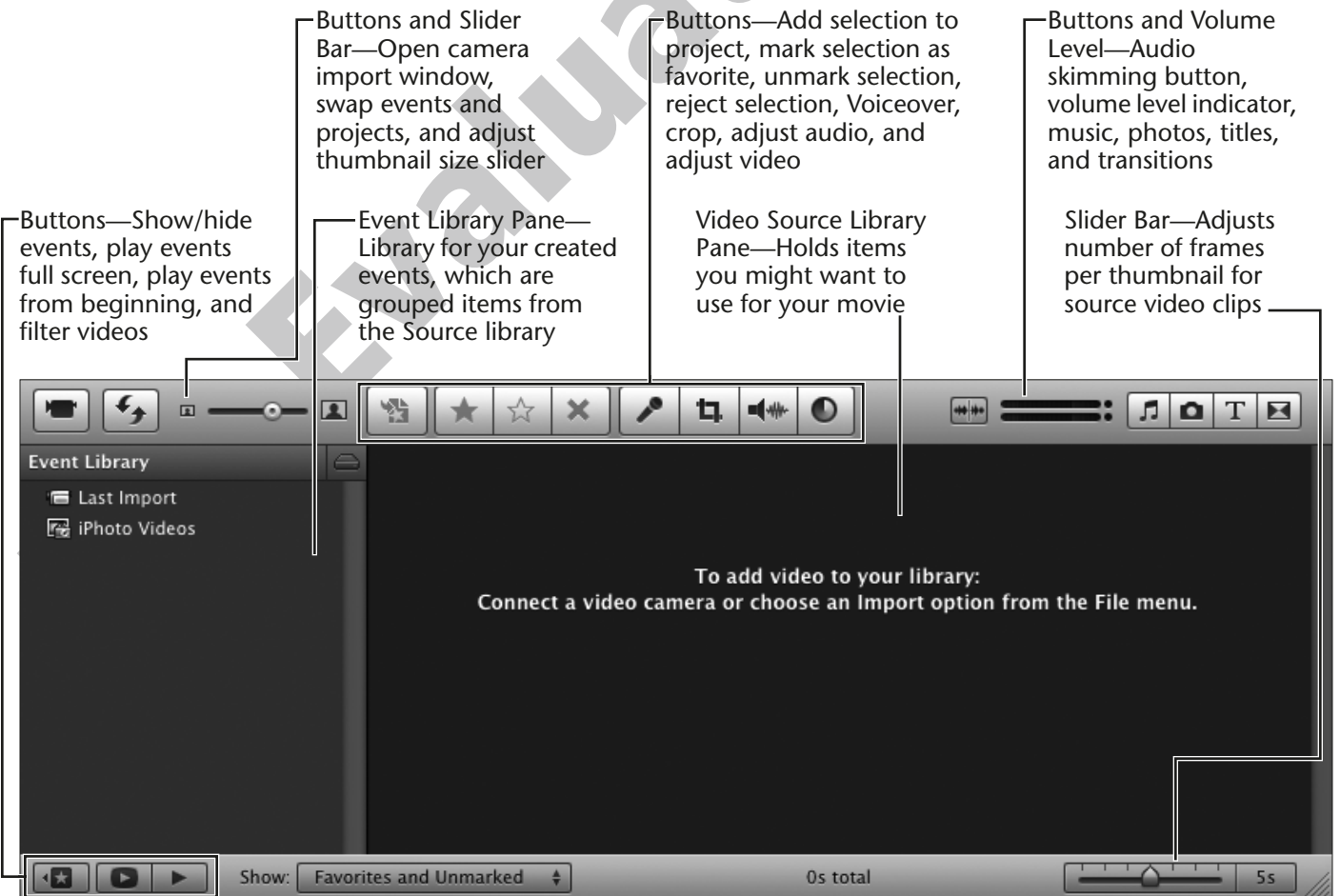
- When your slideshow movie finishes, you can close QuickTime Player.

Exploring iMovie

Another way of creating a movie with Leopard is to use iMovie. Where iPhoto will let you create a movie by using pictures, iMovie will let you also use movie clips like the clip you made of your slideshow. You can use a combination of pictures from iPhoto, video from your video camera, title slides, and audio to create a professional-looking movie. You can also include transitions and special effects to capture your audience's attention. Using iMovie to create movies will give you the confidence to create more movies, and you will be very proud of every movie you make.

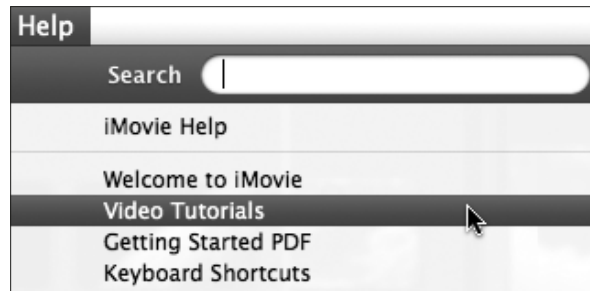


Top portion of iMovie window with menus



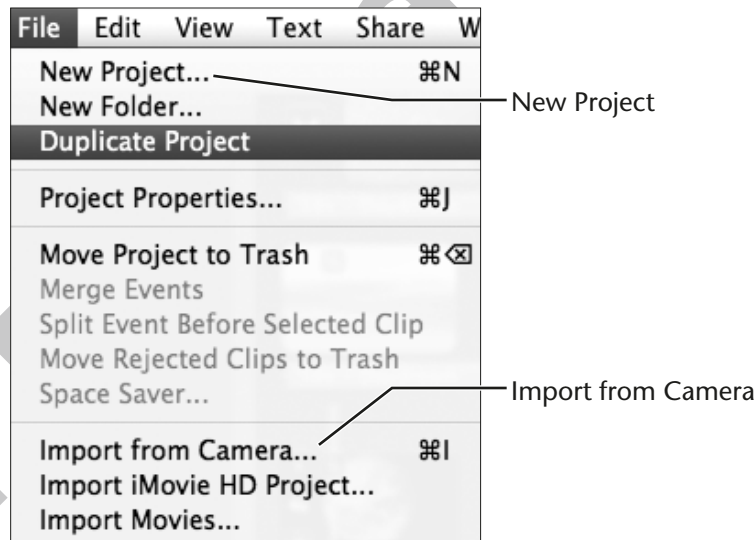
Bottom portion of iMovie window

You can launch iMovie from the Dock. The best way to start using iMovie is to view the tutorials.



When you select Video Tutorials from the iMovie Help menu, it will take you to Apple's website, where you can view the tutorials. You can also view the Welcome to iMovie or the Getting Started PDF.

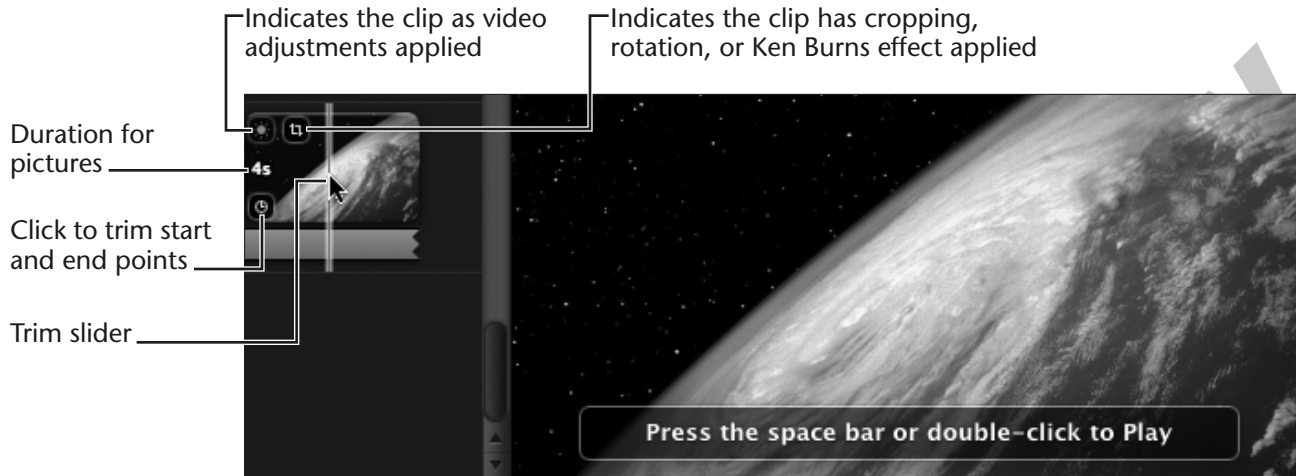
When iMovie opens, you are already set to work on a project. You can give your project a name by double-clicking the New Project field. If you already have projects that you are working on, the last project will be the one selected. If this were the case, to create a new project would require you to click the plus sign or use the File menu.



You will need to get some video into your project source library. You can do that by importing from your video camera, iMovie HD project, or your Movies folder.

You can also add pictures and music to your movie. The music comes from iTunes and the photos from iPhoto.

After you have imported a video into your source library, you can hover your mouse over it to get a preview of the video. You can name your video clips, and they will then become events that you can add to any movie. Editing video can be done after you drag your clips into the project media area.



To export your Movie, you can use the Share menu. Just remember that you have not really created a movie until you have exported it. You do not have a Save command, but if you make changes to your project after exporting it, you will get a message asking you to allow any changes.



HANDS-ON 6.4 Use iMovie for Your Videos

In this exercise, you will create a movie using photos from iPhoto and music from iLife Sound effects.

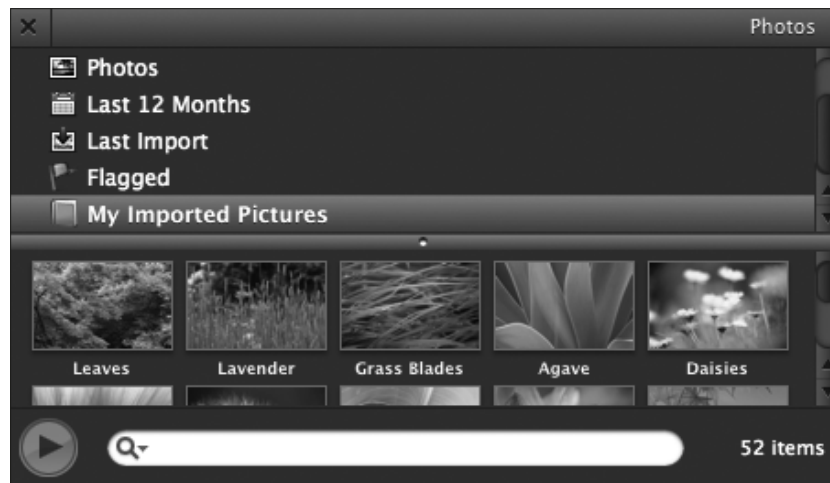
1. Click iMovie on the Dock.
2. Click the New Project field and then type **My First Movie**.



3. Click the Photo Browser button.



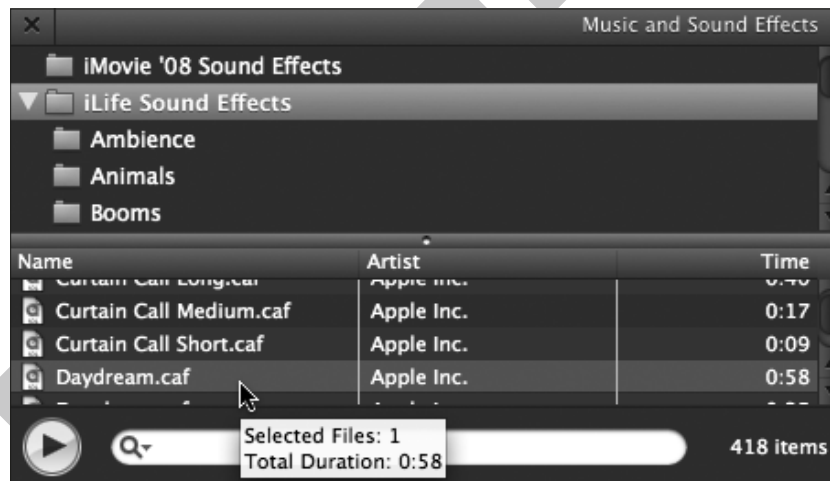
4. Drag in to the project media area about 30 pictures from the My Imported Pictures album.



5. Click the Music browser button.



6. Click iLife Sound Effects.

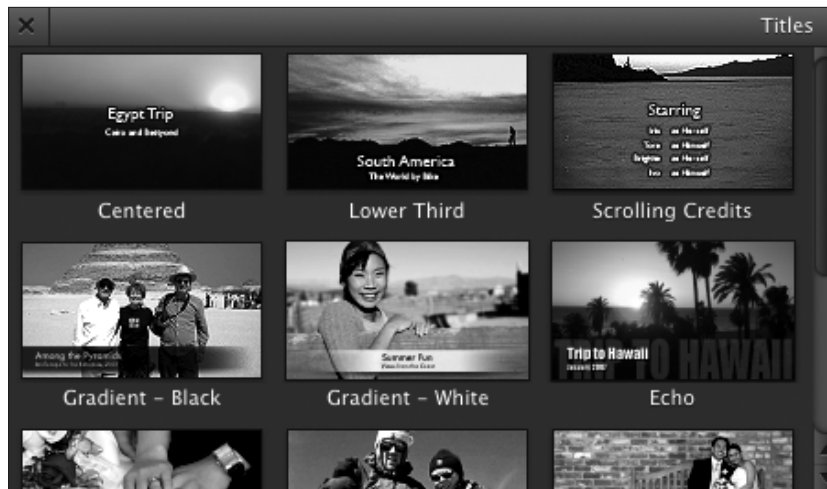


7. Scroll down until you find the Daydream.caf file and drag it into your project media area just before the first photo.

You may need to drag a second Daydream.caf file in at the point where the first one stops if you do not have enough music to complete your movie. In the Planet Earth sample video, approximately 45 photos were added, and Daydream.caf was used three times to fill in for the time of the movie.

Add Title Frames

8. Click the Title browser button.



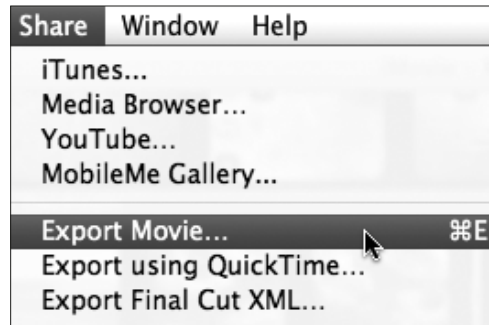
9. Drag the Centered Title into the project media area, just before your first photo.



In the Preview area, you will see the figure above.

10. Click the Title Text Here field and type **My First Movie**.
11. Type a subtitle of **Having Fun with Pictures** and then click the Done button to finish.

12. Choose Share→Export Movie.



There are several sizes based on what your situation may be. Keep in mind that the larger the video, the more space that it takes on your hard drive, and you may not be able to email it.

13. Navigate to the Movies folder by using Finder and then double-click your movie to play it.



Concepts Review

True/False Questions

- | | | | Page
number |
|---|-------------|--------------|----------------|
| 1. Gadgets are small programs that help you find things using Dashboard. | true | false | _____ |
| 2. Some Dashboard programs are helper applets for other Leopard programs. | true | false | _____ |
| 3. iTunes is Leopard's preferred music and video player. | true | false | _____ |
| 4. A movie cannot be created with iPhoto. | true | false | _____ |
| 5. Widget Organizer will keep track of installed Widgets. | true | false | _____ |
| 6. You can add your favorite music to your iPhoto slideshow. | true | false | _____ |

Multiple Choice Questions

- | | |
|--|---|
| <p>7. Which small programs are used in Dashboard?
Page number: _____</p> <ul style="list-style-type: none"> a. Gadgets b. Fidgets c. Widgets d. Smart Apps | <p>9. What would you do to get pictures into iPhoto?
Page number: _____</p> <ul style="list-style-type: none"> a. Export b. Play c. Create d. Import |
| <p>8. Which program would you use to create a slideshow of your favorite photos?
Page number: _____</p> <ul style="list-style-type: none"> a. iDVD b. iPhoto c. iCal d. iTunes | <p>10. What would you do to preview your slideshow?
Page number: _____</p> <ul style="list-style-type: none"> a. Create it b. Import it c. Play it d. Export it |



Skill Builders

SKILL BUILDER 6.1 Add and Configure Widgets

In this exercise, you will practice adding and configuring Widgets in Dashboard.

1. Click the Dashboard icon on the Dock.
2. Click the Manage Widgets button.



3. Click the Movies Widget.



4. Click the Desktop and then re-enter Dashboard.

If you are connected to the Internet, you can see what is playing or will be playing at the movie theaters.





Try This at Home

TRY THIS AT HOME 6.1 Burn Audio CDs

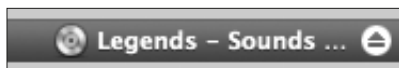
In this exercise, you will import some tracks off your personal audio CDs. You will create a playlist for your music tracks and then burn a backup copy of your music CD.

1. Click iTunes on the Dock.



2. Insert a music CD.

3. Click the CD icon.



4. Click the Add playlist button.



5. In the playlist field, type the name for your playlist. In this case, it's the name of your music CD.



6. Select all the tracks by holding down the $\text{⌘} \text{⌘}$ key and then tapping the ⌘ key.

	▶ ▲	Name	Time	Artist	Album
1	<input checked="" type="checkbox"/>	For A Few Dollars More	3:07	Various Artists	Legends -
2	<input checked="" type="checkbox"/>	Tree Of My Life	5:18	Various Artists	Legends -
3	<input checked="" type="checkbox"/>	Night Songs	4:42	Various Artists	Legends -
4	<input checked="" type="checkbox"/>	The Caller	4:43	Various Artists	Legends -
5	<input checked="" type="checkbox"/>	Flying Eagle	4:12	Various Artists	Legends -
6	<input checked="" type="checkbox"/>	Like A Snake	4:03	Various Artists	Legends -
7	<input checked="" type="checkbox"/>	The Last Of Mohicans	4:00	Various Artists	Legends -
8	<input checked="" type="checkbox"/>	Dawa "The Cradlesong"	4:32	Various Artists	Legends -
9	<input checked="" type="checkbox"/>	Ly-O-Lay Ale Loya	5:27	Various Artists	Legends -
10	<input checked="" type="checkbox"/>	Wishes Of Happiness	4:28	Various Artists	Legends -
11	<input checked="" type="checkbox"/>	Love Mountain	5:32	Various Artists	Legends -
12	<input checked="" type="checkbox"/>	Ananau	5:09	Various Artists	Legends -
13	<input checked="" type="checkbox"/>	Raindance	3:56	Various Artists	Legends -
14	<input checked="" type="checkbox"/>	Flying Condor	5:14	Various Artists	Legends -
15	<input checked="" type="checkbox"/>	Un Beso Y Una Flor	4:29	Various Artists	Legends -

7. Drag the tracks to the playlist and release.

Burn a Music CD

8. Insert a blank CD.
9. Click the playlist to select it.
10. Click the Burn Disc button to start burning your music CD.

Burn Disc



You may notice that you can adjust the gap between songs, and 2 seconds is the default. You could also have burned an MP3 CD or made a Data CD. After a few minutes, iTunes will let you know your music CD is complete.

For Evaluation Only