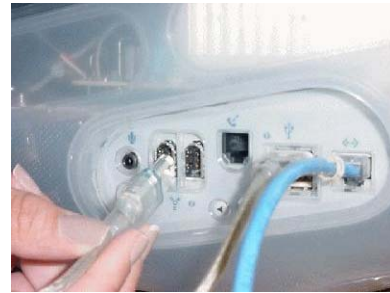


Editing Digital Video with iMovie

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Getting Clips from the Video Camera



Connect the firewire cable to the digital video camera and to the computer as illustrated in the pictures above.

Open iMovie: Look for the iMovie program under the Apple icon on the top left of desktop.



Turn video camcorder on by switching the power knob to VCR (see instructions for using the camcorder). You should get a screen that says "Camera Connected." Make sure the selector button is switched left to the camera icon.

To select a clip for downloading, preview by using the play button on the iMovie control panel. Holding down the fast forward or rewind buttons while playing will allow you to view the video.

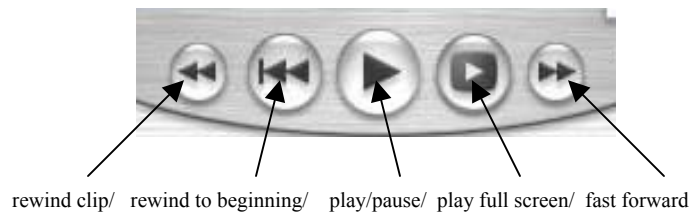


After selecting the clip for download, use the **Import** button to download. Push **Import** at the beginning of the clip you want, and push **Import** again to stop recording. If there are spaces between clips on your DV tape, iMovie will automatically import as separate clips. Your clips should begin to come into the “shelf” area.



Previewing Clips

To preview a clip, switch to Edit mode by moving the selector button to the film icon. See the circled area in the picture above. Select a clip to preview by clicking once on a clip in the shelf area. The selected clip will turn yellow. Use the play buttons underneath the Viewing window to view the clip.



rewind clip/ rewind to beginning/ play/pause/ play full screen/ fast forward

Editing Clips

You can edit your clips in either the shelf area or the Clip View area under the Viewing window. You can either delete a section from the beginning and/or end of your clip (CROP) OR you can keep the beginning and end and edit a section out of the middle (CUT). To access the editing tools, drag your mouse from left to right in the gray area under the blue bar. This will make the small selection pointers visible.



Use the large pointer above the blue line to maneuver your way through the clip by clicking and dragging it along the blue line. Use the smaller crop markers under the blue line to select the section of the clip that you'd like to cut or crop. This section will be

highlighted in yellow. **Important:** *The smaller selection pointers are not visible all of the time. You only see them if you click and drag in the gray area underneath the blue line.* If you have difficulty using the small selection pointers, a much easier way to select a portion of your clip is to position the large pointer where you want to begin selecting, hold the shift key down, and drag the pointer to where you want to stop selecting. The area will become highlighted.

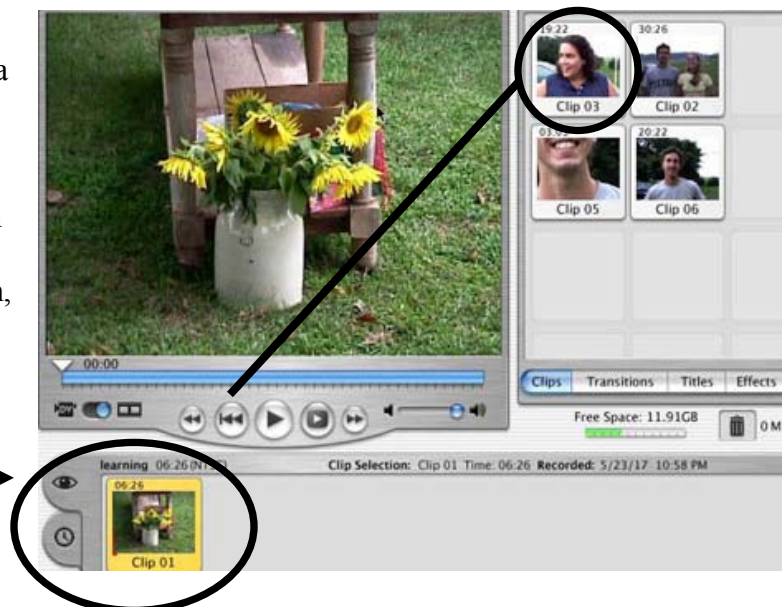
Once you have selected the area you'd like to cut or crop, you can go to the **Edit** menu and select the required option. Remember that when you cut, the yellow portion is discarded and when you crop the yellow portion is retained. Cropping is useful when you only want to keep a section that is located somewhere in the middle of the clip. If you accidentally do the wrong thing, use the **Undo** command under the Edit menu and try again.



Compiling Clips into the Movie

You place the clips into your movie by dragging them from the shelf area into the View area. In the Clip Viewer, you can play individual clips, you can move and rearrange the clips in the Viewer area, you can drag clips back into the shelf area if you decide that you don't want them, and you can edit the clips themselves. You select individual clips to view by clicking on them (just like in the shelf area).

Clip Viewer →



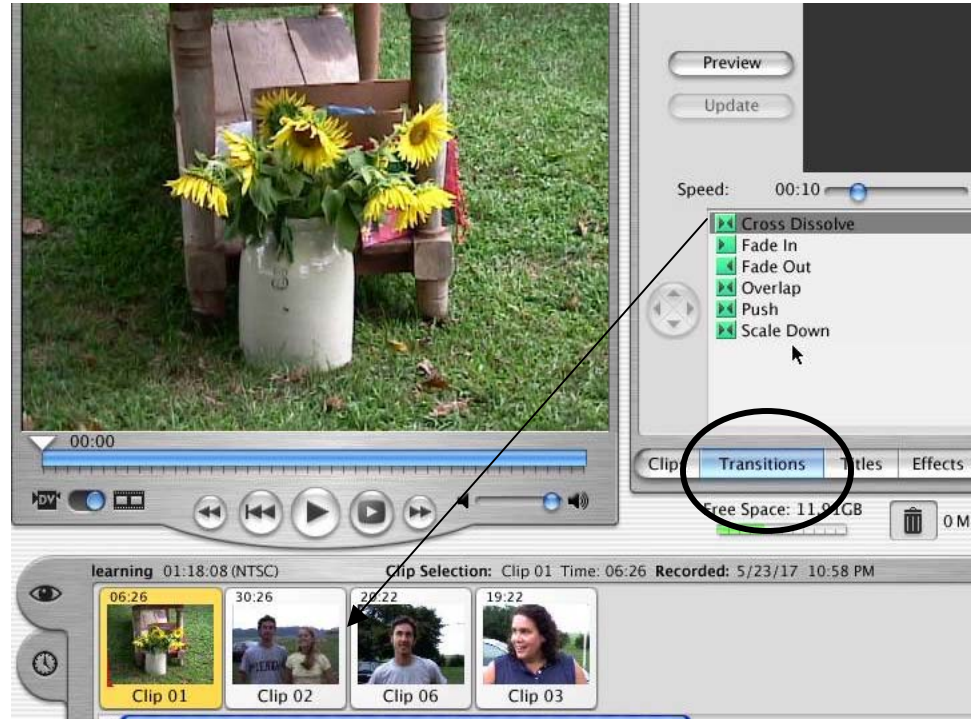
Previewing the Movie

To view all the clips in sequence, click outside the Clip Viewer area so that no clips are highlighted. Then click the play button.

Adding Transitions

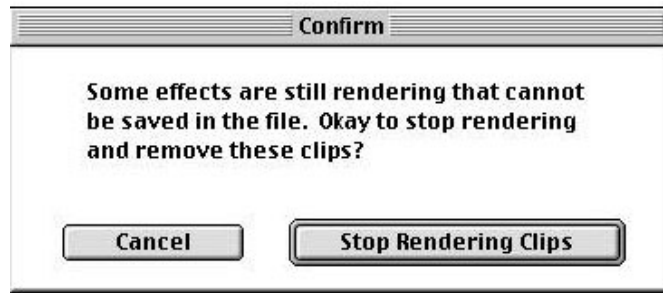
You can make your video more interesting and artistic by adding transitions between scenes.

You do this by clicking on the Transitions button, clicking on the transition you would like and dragging it into the clip viewer where you want the transition to take effect.



The red and white bars under the transition graphic indicate that the transition is rendering. You can continue to work during rendering, but you cannot save.

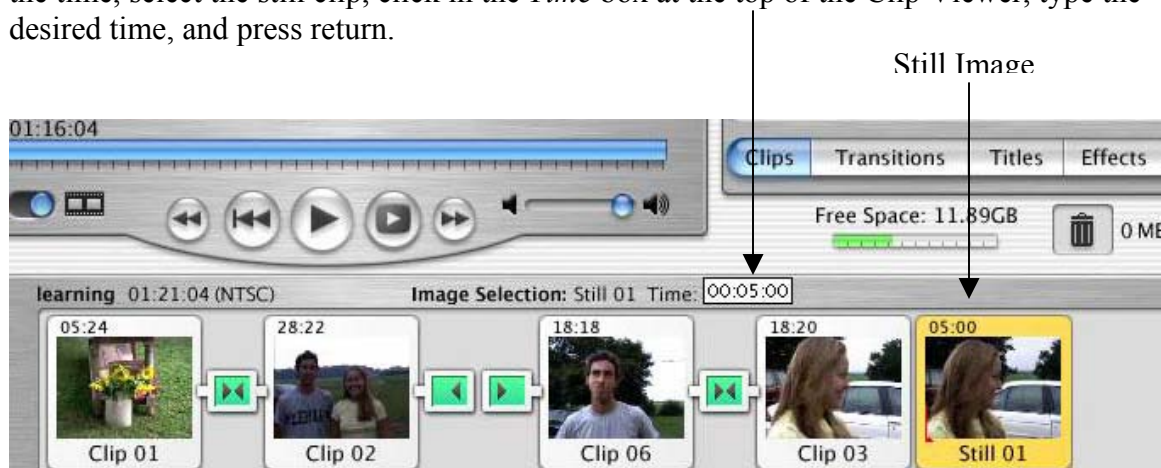
If you try to save during the rendering process, you will see the following dialog box. You should select **Cancel** until it is finished rendering.



IMPORTANT: Some transitions use parts of your video clips to create the transition effect. Sometimes it may be a good idea to leave 2-3 seconds of extra video at the beginning and end of your clips in case you need them for the transitions. You can always cut it off later if you don't need it, but some transitions need 2-3 seconds of video available for them to render correctly. If you change your mind about a transition, you can always click on it and delete it.

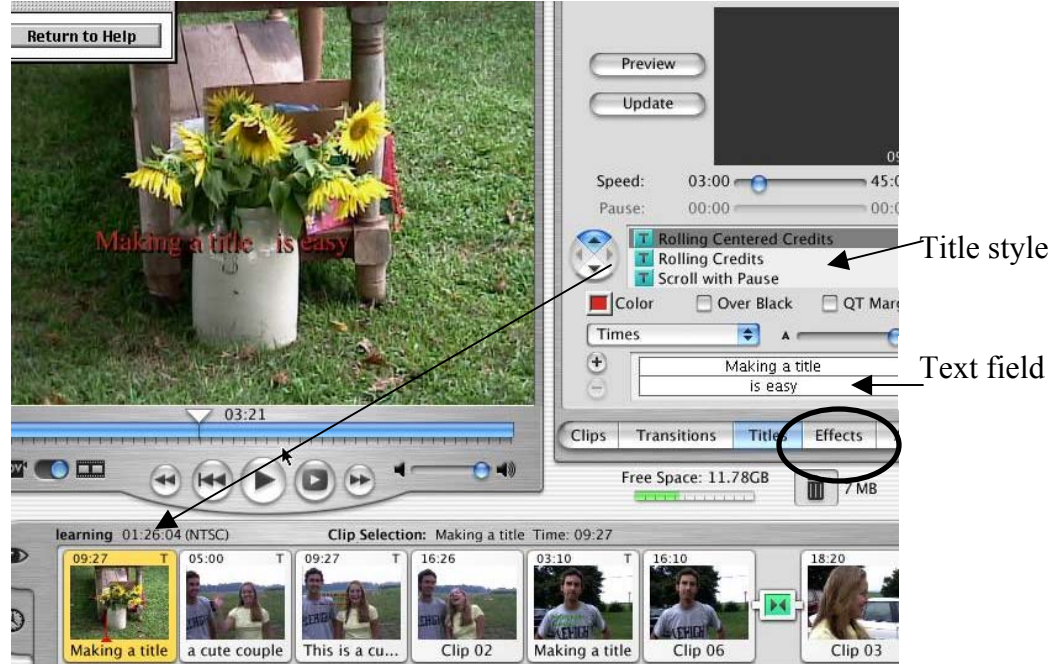
Create a Still Image

You may want to make a still image to put at the beginning or end of your movie. Select the clip from which you want to make the still image. Drag the large pointer above the blue bar to project the image within the clip that you want to capture. Choose **Create Still Clip** from the **Edit** menu. The default time for a still clip is .05 seconds. To change the time, select the still clip, click in the *Time* box at the top of the Clip Viewer, type the desired time, and press return.



Adding Titles

You can add titles to any clip in your movie. To add a title, select the clip and click on the *Titles* button. Select the title style from the list in the middle of the Title screen. Type the text for your title into the text field. If you want to add more than one line, click the + and continue



typing. To put the text over a black background, select the *Over Black* checkbox. To customize the text, select the color and adjust the font size. Drag the title from the list in the middle of the Titles panel to the clip viewer. If you want the title to appear at the beginning of the clip, place the title before the clip. A title clip will appear before the original clip. It will take a few seconds for this title clip to render. You can continue to work while the title is rendering.

Saving your Movie



When you are working on your movie, it is called a *Project*. While you are editing, you can save your Project, return to it later, and continue working. When you are finished editing your movie, you are ready to *Export* the movie. You accomplish this by going to the **File** menu and selecting **Export Movie**. A dialog box will appear. Under Export to: select *To QuickTime*. Under formats: select *Web Movie, Small*. You should save this QuickTime movie in your P drive or on a floppy drive. If you are working at an off campus location, you might consider saving the file to the desktop and then

mailing the file to your Groupwise mailbox. Open the file when you have access to your P drive.

Getting Help

If you need additional help when working on your movie, consult the iMovie tutorial. To access the tutorial, click on the **Help** menu and select iMovie Tutorial. From the iMovie Help window you can do several things:

- Type your topic of interest into the search window
- Scroll down and begin the complete tutorial
- Scroll down, click on the Table of Contents, and jump to the section of the tutorial that interests you. The tutorial explains many other features of iMovie such as adding audio and exporting a movie to video tape.

Tips:

- Only *Import* the files that you intend to use. Preview your video before you Import.
- Keep your movie file as small as possible.
- Delete all Project files when you Export your movie. There is not enough memory on the computer to store the movie project for all the education students.
- Save your work as you go.
- If you are not familiar with a MacIntosh, save your files to the desktop. They are easy to find later and easy to drag into the trash when you complete your project.