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## Video Podcasting with iMovie HD

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iMovie is video editing software created by Apple Computer as part of their iLife suite. iMovie allows users to import and edit their own home movies. Additionally, users can export their movies for use on the web, podcasting, CD-Rom or burning to a DVD.

### Connecting Your Camera

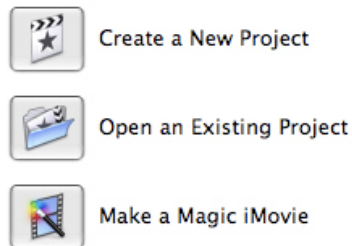
Many DV cameras include both a USB and FireWire connection. The USB connection on DV cameras is usually designed for downloading still images and not video. Use the FireWire connection when working with iMovie.



Connect your camera to your computer using a Firewire cable (also known as iLink or IEEE 1394).

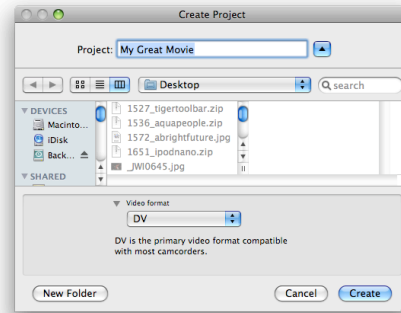
### Create a New Project

After you have connected and powered up your camera, open iMovie. When first opening iMovie you will be given three options – Create a New Project, Open an Existing Project, or Make a Magic Movie. NOTE: If you have opened and worked in iMovie already, iMovie will automatically open the last project that was worked on.



To create a new movie project:

- Click the Create a New Project icon.
- The Create Project window will appear.



- Type a name for the project in the Project text box.
- Choose a place to save the project by using the Where drop-down menu. The default saves your project in the Movies folder on your Mac.
- Choose the video format you are using from the Video Format drop-down menu. NOTE: The default is DV (Digital Video). DV is the primary video format compatible with most camcorders. However, you may have a camera that shoots video in the 16:9 widescreen aspect ratio or high definition video (HDV). If your mac has a built in iSight camera, you can record video with that as well.
- Next, click Create.

iMovie will automatically detect your camera and default to Camera (Import) Mode. You can toggle back and forth from Camera Mode to Edit Mode by clicking the little slider to the Camera Mode icon or the Edit Mode (scissors) icon.



### **Importing Video**

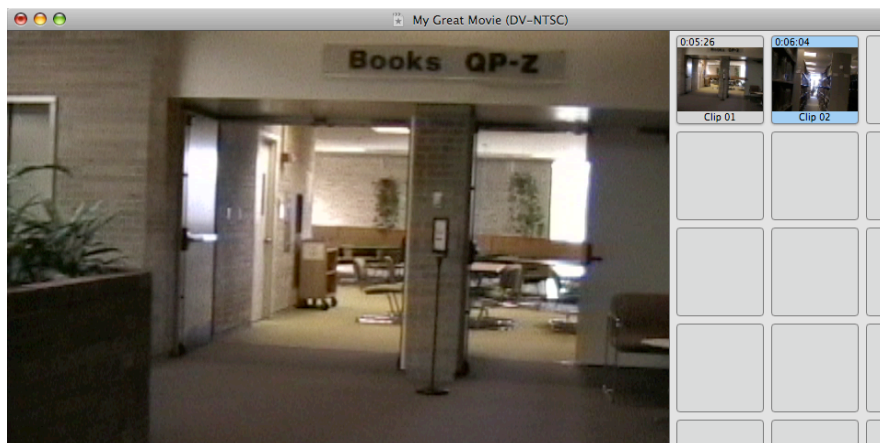
If your camera is connected properly, powered on and you are in Edit mode, you will see a blue screen in the main window. There will be a message saying Camera Connected. Below there will be an Import button. If you camera is not connected properly the message will say No Camera Attached.

To begin importing video into iMovie:

- Find the footage you would like to import and cue up your tape to the proper spot. NOTE: You can control your video camera right in iMovie by using the transport controls.



- Click the Import button.
- Your camera will automatically start playing in the main window and iMovie will import the video into the Clips pane on the right of the screen.



Every time you import video into a project, a new clip will appear in the Clips pane.

### Using a Built in iSight Camera

You can also record directly into iMovie using a built in iSight camera (or any webcam). To record using the iSight:

- First click the down arrow to the left of the Camera Mode icon and choose Built-in iSight.
- Click the Record with iSight button in the main window to begin recording.
- Click the Record with iSight button again to end recording.
- Your clip will show up in the Clips pane.

### Editing Your Video

Before you can begin editing your video clips, you will need to drag them to the Clip Viewer or the Timeline Viewer. Simply click and drag your clips from the Clips pane down to either the Clip Viewer or the Timeline Viewer.

Use the Clip Viewer and Timeline Viewer icons to toggle between the two.



To edit your video use one the menu buttons located near the bottom right of the screen.

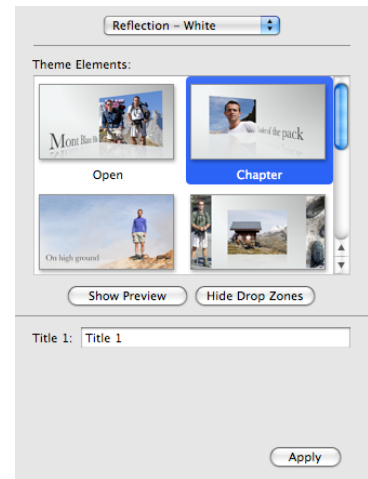


## Clips

The clips button will take you to the clips pane. This is where you will drag your video clips to the timeline.

## Themes

Think of a theme as having your own in-house motion graphics department creating interesting video segues between your scenes. Although there are only five themes included with iMovie HD 6, each is made up of between five and eight components ranging from opening title sequences to “bumpers” (transitions between scenes) to end credits.



To add a theme:

- Click the Themes button.
- Choose a theme from the drop-down menu.
- Next choose a theme component such as Open or Chapter.
- Now click on the Media button to add photos or click the Clips button to add your movie clips.
- Click the movie clip or photo you want to use and drag it onto the Drop Zone editor to populate the theme with your own content.
- After looking over the real-time preview, drag the theme into the Timeline; it's rendered as just another video clip.

## Media

The media section is where you go to add photos and audio to your movie. To add audio click the Audio button, and to add a photo click the Photos button.

## Photos

iMovie allows you to add photos from your iPhoto library to your movie. You can adjust the size of the

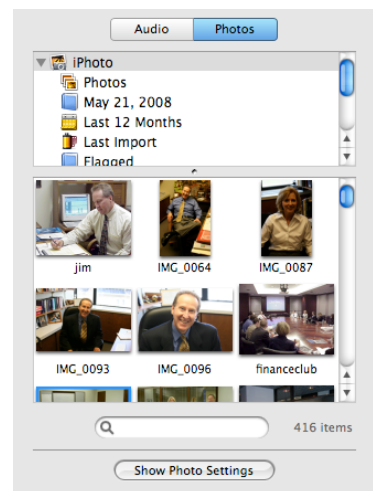


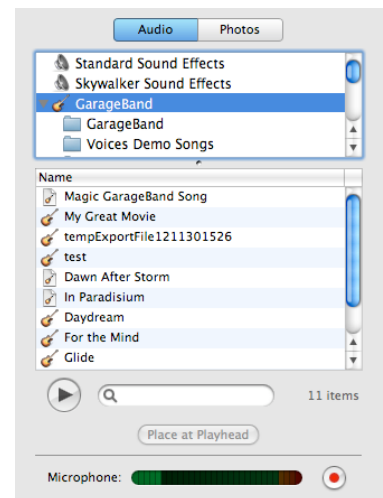
photo and the amount of time the photo is on the screen. You can also add the Ken Burns Effect to your photo. With the Ken Burns Effect you can slowly zoom in or out on subjects of interest as well as pan from one side to another. To add a photo:

- Click the Photos button in the Media section (iMovie automatically defaults to your iPhoto library).
- Click the photo you want to add. The Photo Settings window will appear.
- If you want to use the Ken Burns Effect click the check-box and adjust the sliders to to your preference.
- To add the photo to your timeline you can place the play head where you want the photo to appear in your movie and click Apply in the Photo Settings window, or simply click and drag the photo to the timeline.

## Audio


In iMovie you have two audio tracks for adding audio. You can add audio from your iTunes library as well as sound effects provided by iMovie. In order to see the audio tracks you need to be in the Timeline Viewer. To add audio:

- Click the Audio button in the media section.
- Choose a source in the top window such as iTunes or iLife sound effects.
- Next, click and drag an audio clip from the Name column to one of the two audio tracks.



## Recording Voice Over

If you would like to record some voice over audio you can use your macs built in microphone and record directly into iMovie. IMPORTANT: Before you begin, check System Preferences to make sure your microphone is selected as the sound input device and the volume level for the microphone is not set too low or too high (choose Apple menu > System Preferences, click Sound, and then click Input). To add a voice over:

- Place the play in the spot you want to begin recording.
- In the Media section click the Audio button.
- Click the Record button to begin recording. 

- Speak clearly into the microphone. While you are speaking, the input meter should be yellow. If it turns red, you are speaking too loudly.
- Click the Record button again to stop recording.

The audio clip of your voice appears in the first audio track of the timeline viewer. You can drag the audio clip left or right to align it with the appropriate video clips.

Note: Even though you only have two audio tracks you can stack audio clips on top one another.

## **Editing**

In the Editing section there are four buttons located at the top. Titles, Transitions, Video FX and Audio FX.

### **Titles**

In iMovie you can add titles, sub-titles, credits, etc. to your movies. To add titles in iMovie:

- Click the Titles button in the Editing section.
- Click the type of title you want to use from the list to select it.
- Type in your titles in the text boxes provided.
- Use the tools provided to adjust the font, speed and amount of pause time.
- Click the Over Black check box to have your title play over a black screen. Other wise you can have it play over your movie.
- To add the title, simply click and drag the title from the list. For example, if you are using the Centered Multiple title, you would click the words Centered Multiple from the list and drag it to the timeline. You can also place the playhead in the timeline where you want the title to be and click Add.
- To update a title, select it in the timeline and adjust the settings. Then click Update

Note: Sometimes it is easiest to place a title at the beginning or end of a clip. If you want to put a title in the middle of a clip, you can split the clip into two different clips. If you want to split a video clip, place the playhead at the point where you want your title and choose Edit > Split Video Clip at Playhead.

## Transitions

iMovie offers transitions for going from one clip to another. To add a transition:

- Click the Transitions button in the Editing Section.
- Select one of the transitions from the list.
- Use the Speed slider to adjust the speed of the transition.
- Drag the transition from the list to the timeline in between the two clips where you want the transition to occur. You can also select the two clips and click the Add button.
- To update a transition, select it in the timeline and adjust the speed using the slider. Then click Update

## Video FX

In iMovie you can add some special effects to your movies clips. To add an effect to your movie:

- Select the clip you want to apply the effect to.
- Next, click the Video FX button in the Editing section.
- Click one of the effects in the list to select it.
- Use the sliders to adjust the settings of the effect. Each effect has a different set of parameters.
- Click Apply.

## Audio FX

In iMovie you can add some special effects to your movies clips. To add an effect to your movie:

- Select the audio you want to apply the effect to.
- Next, click the Audio FX button in the Editing section.
- Click one of the effects in the list to select it.
- Use the sliders to adjust the settings of the effect. Each effect has a different set of parameters.
- Click Apply.

## Chapters

When you watch movies on a DVD player, in QuickTime Player, or in a video podcast, you can often select different scenes or "chapters" to view. If you plan to use your movie in an iDVD project, export it as a QuickTime movie, or share it as a video podcast, you can specify chapters for the movie.

To set chapter markers:

- Click the Chapters button.
- Move the playhead to the point at which you want to start a new chapter. **IMPORTANT:** You cannot add a chapter marker to the very beginning or end of your movie. (iMovie HD automatically adds an initial chapter marker at the beginning of a movie.) It's also a good idea not to add a chapter marker within a transition, or within one second of a transition or other chapter marker. If you do so, other applications may have trouble recognizing the chapter markers.
- Now click Add Marker. Tip: To quickly add a chapter marker, you can also choose Markers > Add Chapter Marker.
- Type a chapter title next to the thumbnail that appears in the Chapters pane.

## Sharing/Exporting

In iMovie you have several different option for sharing your movie. The options are:

- Video Camera
- QuickTime
- Email
- Bluetooth
- iDVD
- iPod
- iWeb
- GarageBand



To share your movie for podcasting:

- Go to Share > iPod in the main menu. This will save the movie in the MPEG4 video (.m4v) format.
- Click Share.
- Your movie will appear in the Movies section of your iTunes.

After you have shared your movie, you can drag it from iTunes onto your desktop. From here you can upload it to iTunes U.