About This File

This Help file contains context-sensitive help topics.

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Edit Settings

Click to edit the encoding settings for saving QuickTime files. For more information about creating QuickTime files, please refer to Apple's Web site: http://www.apple.com/quicktime/authoring/.

Include Video

Select this check box to include a video stream in the .mov file. If this check box is cleared, the remainder of this dialog is unavailable.

Frame Size

Choose a video frame size from the drop-down list, or choose **Custom** and enter dimensions in the **Height** and **Width** boxes.

Width

Enter a value in the box to specify the width of the encoded video.

Height

Enter a value in the box to specify the height of the encoded video.

Frame Rate

Specifies the frame rate of the video stream. The frame rate determines the speed at which individual images are displayed during playback. Higher frame rates result in smoother motion.

Field Order

Choose a setting from the drop-down list to determine the field order of the frames when drawn on the screen. Users may specify **Progressive**, **Upper field first**, or **Lower field first**. Progressive should be specified when the video will be viewed on a computer. Upper field first and Lower field first interlacing methods are used when the video will be viewed on a television. Consult the hardware's documentation for the proper interlacing method.

Pixel Aspect Ratio

Choose a setting from the drop-down list to determine whether the pixels are square (1.0), as used on computers, or rectangular (settings other than 1.000), as used on televisions. The pixel aspect ratio is unrelated to the frame's aspect ratio.

Video Format

Choose a setting from the drop-down list to specify the video format of your file before encoding.

Quality

Drag the slider to specify the quality of your video file before encoding.

Data Rate

Choose a setting from the drop-down list to specify how the data rate should be determined during encoding.

Target Rate

Specify the data rate the encoder should try to maintain while saving your file.

Peak Rate

Select the check box and enter a value in the box if you want to keep the data rate of your file under a specified value.

Keyframe every

Select the check box and enter a value in the box to specify how frequently keyframes should be inserted in your .mov file.

Certain compression formats are based on keyframes (sometimes called temporal compression). Keyframes contain all information required to display an image. Frames located between key frames are called delta frames and they contain only the information used to display change.

Increasing the value increases video quality, but decreases compression. However, if a file contains few keyframes, decompression will be time consuming when drawing video or moving randomly through the file.

Render Alpha Channel

If the format supports it, selecting this check box results in the transparent data of the video stream or image being rendered with the .mov file.

Include Audio

Select this check box to include an audio stream in the .mov file. If this check box is cleared, the remainder of this dialog is unavailable.

Audio Format

Specifies the format in which the audio data will be saved. Audio files are most often saved in the PCM format. However, other formats may be used for compression purposes. If you have the Microsoft Audio Compression Manager (ACM) installed, you can save files in a variety of compressed formats including the Microsoft ADPCM format.

Sample Rate

Specifies the sample rate of the audio data. The sample rate value indicates the number of times a sound waveform is checked for position each second. Higher sampling rates provide more information about a sound's changing amplitude and therefore, higher fidelity. However, higher sample rates require additional storage space.

Bit Depth

Specifies the bit depth (or sample size) of the audio data. The bit depth value indicates the number of bits used to store each sample. Higher bit depths produce higher fidelity audio, but also require additional storage space. Lower bit depths require less storage space, but tend to reveal quantization noise.

Channels

Specifies whether the audio will be saved as a stereo or mono file.

Note: When a mono audio file is saved in stereo, the mono data is copied to both channels. When a stereo file is saved as mono, data from both channels is mixed equally in the mono channel.

Prepare for Streaming

Select this check box if you want to stream your .mov file over the Internet or an intranet.
 If this check box is cleared, the remainder of this dialog is unavailable.

Optimization

Choose a setting from the drop-down list to specify how the encoder should optimize your file for streaming.

These settings will save a header at the beginning of the file to permit more efficient streaming.

Optimize Hints for Streaming

Select this check box to improve streaming on non-Quick Time servers.

Note: Selecting this check box will create a larger file.