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QuickTime 1.5

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TOPIC -----

This article answers questions about QuickTime 1.5

DISCUSSION -----

What is QuickTime, and How Is It Used?

QuickTime is the multimedia architecture for the Macintosh family. It allows any color-capable Macintosh to integrate dynamic data types such as video, sound, and animation into presentations, training materials, and documents. Hundreds of commercial applications support QuickTime.

QuickTime appeals to a broad range of users in numerous industries, who use QuickTime for training, entertainment, communication, and presentations.

The QuickTime architecture has four key components:

- True synchronization of streams of information in time -- video and sound, for example.
- A variety of compression schemes, to minimize storage requirements.
- A standard graphical interface for navigating, manipulating, and editing data.
- A rich, flexible file format that readily accommodates these new information types.

What's New in QuickTime 1.5?

QuickTime 1.5, which is offered as an extension to System 7, provides:

- Better performance.
- Higher compression ratios.
- Better frame rates.
- Larger movie frame sizes.
- Support for Kodak's new Photo CD technology.
- Support for full-screen/full-motion video with available add-on hardware.

QuickTime 1.5 Features

- Larger screen software-only movie playback. Up to 320 x 240 pixels at up to 15 frames per second, or four times the screen area on a Macintosh LC II. Movies on screen will now be twice as big. Alternatively, movies

of 160 x 120 pixels can be played back at up to 30 frames per second on a Macintosh LC II.

- Full support for full-screen, full-motion digital video cards from third-party developers. Hardware-assisted playback performance is also doubled. QuickTime supports third-party solutions offered by SuperMac, NuVideo, and RasterOps at video sizes up to 640 x 480 pixels at 30 frames per second.
- Integrated support for Kodak Photo CD enables users to have their photos digitized onto a CD-ROM where QuickTime can access them. Features include easily viewed "thumbnails," QuickTime overview movie of photo images, and file-format translation -- so that Photo CD images can be pasted into any Macintosh application that supports PICT files.
- Improved CD-ROM data handling for enhanced QuickTime movie playback from a CD.
- Improved network performance for better CD playback over a network.
- Faster 1-bit dithering offers enhanced and smoother viewing of QuickTime movies on PowerBooks and other monochrome computers.
- Generic media handlers allow developers to incorporate different data types into QuickTime movies to create new movie track types.
- Text Track, a new feature that allows integration of texts into QuickTime movies.
- Human Interface support for compression settings, sound input devices, and video digitizers. Developers can now easily change settings and features in their hardware.

How Do I Get QuickTime 1.5?

QuickTime 1.5 is bundled with:

- System 7.1 Update Kit
- System 7 Personal Upgrade Kit
- System 7 MultiPack.

QuickTime 1.5 will also be distributed by APDA, on the Developer CD, with many third-party products, and from bulletin boards and user groups. Apple offers developer licensing programs.

What Are the Hardware Requirements?

QuickTime works with all Macintosh computers that have at least a 68020 processor, 2MB of memory, and System 6.0.7 or any version of System 7.
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