Tech Info Library

QuickTime 1.5

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Revised:        10/19/92
Security:       Everyone
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QuickTime 1.5

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Article Created: October 19, 1992

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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Tech Info Library Article Number:10864