

Technote 1183

QuickTime 4.0.3

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QuickTime 4.0.3 can be described as a minimal-changes release that provides a number of miscellaneous bug fixes.

This Technote describes the changes made between the final release of QuickTime 4 and the update release of QuickTime 4.0.3.

QuickTime 4.0.3 Changes

Listed below are all the changes included in the QuickTime 4.0.3 release:

Mac & Windows Changes

- Fast-start chapter tracks now enabled in QuickTime Player.
- The QuickTime plug-in now shows the “Get QuickTime Pro” movie only once—the first time the plug-in is launched on a particular machine.
- Incorporated QuickTime for Java 3.0.1 into the product.
- New content providers added to the QuickTime Player favorites drawer.
- The updater now correctly detects the need to update the installed software from version 4.0.1. Previously, a customer would have to run the installer in order to update their software, rather than simply running the updater to get the new pieces.
- Corrected a problem where the streaming client would get out of synchronization immediately during live events, particularly when using QDesign packetizing.
- Fixed a bug where the streaming client would crash under certain circumstances.

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Mac-only Changes

- Fixed a bug in the Mac installer where the **Cancel** button would not work properly if there was no dialog currently showing.
- Un-installing QuickTime 4 on a Mac now correctly removes the QuickTime web browser plug-in.

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Windows-only Changes

- In QuickTime 3, the `NativePathNameToFSSpec` function always returned `noErr`, even if the specified file did not exist. In QuickTime 4, we “fixed” this API to work as documented—i.e., to return the `fnfErr` error (“File not found”) in that case. Once we realized that this made some products behave unpredictably, we decided to return `NativePathNameToFSSpec` to its previous behavior (and we’ll change the documentation instead).

- The full install was made the default for all **.ini** settings in the QuickTime for Windows installer.
- Fixed a Windows bug which prevented opening movie files in a folder with a name ending in a particular two-byte character.
- Fixed a bug having to do with handling of QuickTime VR for Windows media during calls to the `PreRollMovie` function.
- Fixed a text encoding bug in the QuickTime music and effects areas where characters were being mapped incorrectly for some European languages.

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Determining Installed Version

As always, the way to determine which version of QuickTime is installed is to call the Macintosh Toolbox `Gestalt` function. Listing 1 shows a code snippet demonstrating how to check the version of QuickTime.

```
{
    /* check the version of QuickTime installed */
    long version;
    OSErr result;
    result = Gestalt(gestaltQuickTime,&version);
    if ((result == noErr) && (version >= 0x04038000))
    {
        /* we have version 4.0.3! */
    }
}
```

Listing 1

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Further References

- [Inside Macintosh: QuickTime](#)

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