**From:** Cristiano Pierry
**Sent:** Wednesday, August 05, 1998 6:44 PM
**To:** Jim Allchin (Exchange)
**Cc:** Eric Engstrom; Kevin Larkin
**Subject:** RE: QuickTime assistance

Of course.

We are investigating how they can do this. Right now my thinking is that they must write an ActiveX control. The problem is that they are trying to replace functionality that is built into IE (DirectShow and its media player). IE gives preference to ActiveX controls because they are better integrated with the browser. Since DirectShow is part of IE, the only way for Apple to take over our files is to provide its own ActiveX control.

The reason that they can play MOV, QT, AIFF, AIFC in IE with their plug-in is that we went out of our way with DirectShow and provided an overwrite method to enable NetScape Plug-ins to take precedence over ActiveX controls for these media types only.

I really do not want to provide a similar mechanism to enable them to do this to file types that we own (AVI, RMI, WAV, ASF).

So my response to Apple right now, is - sorry, but support for the Windows files types are build into IE itself. The only way to take them over, and we discourage you from doing so, is to write your own active x control.

It turns out that they can probably just delete our MIME types from the registry, then IE would have to use the plug-in. But this would be a very wrong thing for them to do and it would cause app compatibility problems for them.

Thanks,

Cris.

-----Original Message-----
**From:** **Jim Allchin (Exchange)**
**Sent:** Wednesday, August 05, 1998 6:06 PM
**To:** Cristiano Pierry
**Cc:** Eric Engstrom
**Subject:** RE: QuickTime assistance

I would like to see your proposed response before it goes out.

thanks,
jim

-----Original Message-----
**From:** Cristiano Pierry
**Sent:** Wednesday, August 05, 1998 4:53 PM
**To:** Cristiano Pierry; Jim Allchin (Exchange); Eric Engstrom; Paul Maritz; Greg Maffei
**Cc:** David Heiner (LCA)
**Subject:** RE: QuickTime assistance

Here is Apple's response to the email I sent them today.

We will be responding to Tim's email tomorrow.

Cris
-----Original Message-----

**From:** **Tim Schaaff [mailto:tims@apple.com] <mailto:[mailto:tims@apple.com]>**
**Sent:** Wednesday, August 05, 1998 3:19 PM
**To:** Cristiano Pierry
**Cc:** Eric Engstrom; Tim Schaaff
**Subject:** RE: QuickTime, Win 98, and Media Player

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Cristiano,

Thanks for the response.

Short of rewriting everything as an ActiveX control, I would like to understand how to achieve the

desired effect with our current plug-in. You didn't address that issue at all.

>As you are aware, Internet Explorer prefers the use of ActiveX controls.

It didn't use to. What if I just want my existing QuickTime Plug-in work properly? I would have at least expected you to maintain good compatibility with the existing, widely adopted standards, such as the Netscape Plug-in API. Besides, ActiveX is only supported on Windows and only with Internet Explorer. That's a bit narrow, don't you think?

>Why would you take over WAV, AVI and MIDI? These are Microsoft Windows formats.

Why would you take over QuickTime movies? These are Apple formats. The fact is that many of these file formats have become defacto Internet standard formats. As such, Apple wants to be able to bring some of the unique benefits of QuickTime to these formats. By the way, MIDI isn't a Microsoft format at all. MIDI was created by the MIDI Manufacturer's Assocation (MMA). The MMA a industry consortium of which both our companies are members. The MIDI format is an industry standard like MPEG.

Tim

-----Original Message-----
**From:** **Cristiano Pierry**
**Sent:** Tuesday, August 04, 1998 6:23 PM
**To:** Jim Allchin (Exchange); Eric Engstrom; Paul Maritz; Greg Maffei
**Cc:** David Heiner (LCA)
**Subject:** RE: QuickTime assistance

We were asked to not reply to Apple's email due to a newly developed legal complication. We were told that we could reply yesterday. In the mean time the team was double checking our test, and we were investigating Real Network (overlapping) issues.

Thanks,

Cris

-----Original Message-----
**From:** **Jim Allchin (Exchange)**
**Sent:** Tuesday, August 04, 1998 5:55 PM
**To:** Eric Engstrom; Paul Maritz; Greg Maffei
**Cc:** David Heiner (LCA); Cristiano Pierry
**Subject:** RE: QuickTime assistance

Why did it take so long to answer this mail message?

thanks,
jim

-----Original Message-----
**From:** Eric Engstrom
**Sent:** Tuesday, August 04, 1998 5:40 PM
**To:** Paul Maritz; Jim Allchin (Exchange); Greg Maffei
**Cc:** David Heiner (LCA); Cristiano Pierry
**Subject:** RE: QuickTime assistance

Here is the email that Cristiano is waiting for legal approval on to send to apple regarding this issue. The answers Steve needs are in the IE SDK, they just haven't looked. We have offered numerous times to show them how to do this (without referring to their inability to read at all :-)
<< Message: RE: QuickTime, Win 98, and Media Player >>

In addition to this we prompted Tim Schaaf many times for feedback on the WMP beta we provided before we shipped it. He responded only after we shipped it.

Their fundamental problem is they are a Netscape Plug-In not an ActiveX control and so they get overruled by ActiveX controls.

Note also that they are taking over our file extensions even after we are installed. We specifically do not take over their extensions unless they are not installed.

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**From:** Greg Maffei
**Sent:** Tuesday, August 04, 1998 5:29 PM

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CONFIDENTIAL

**To:** Paul Maritz; Jim Allchin (Exchange); Eric Engstrom
**Cc:** David Heiner (LCA)
**Subject:** FW: QuickTime assistance

-----Original Message-----
**From:** Steve Jobs [mailto:sj@pixar.com]
**Sent:** Tuesday, August 04, 1998 2:05 PM
**To:** Greg Maffei
**Cc:** sj@pixar.com
**Subject:** QuickTime assistance

Greg,

Here's a more specific description of the help we need from Microsoft to

make QuickTime work in Microsoft's IE browser:

We need to know how to associate the following QuickTime-supported file

types/extensions with the QuickTime Player inside of IE:

File Types File Extensions

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QuickTime Movies .MOV, .QT

Apple Audio Files .AIF, .AIFF, .AIFC

MPEG Movies .MPG, .MP2, .M1V, .M1A

DV-Format Video .DIF, .DV

Sun Audio Files .AU

MIDI Music Files .MID, .KAR

Autocad Animations .FLC, .FLI

Windows Audio Files .WAV

Video for Windows .AVI, .VfW

The mechanism needs to work for any type of HTML tag that might be used

(e.g., EMBED or HREF), current or future. It also needs to work whether

the files are local or coming over the net (FTP or HTTP). We would like

to know what the general mechanism is for making such associations so

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that we do not need to ask for additional information as we add support

for new data types in the future.

Let me know if I can provide further clarification about what we're asking for.

Thanks,

Steve