

QuickTime Playback Compatibility Chart

Updated Mon, Jan 21, 2008 - [Terms of use...](#)

Flash Support Dropped

With the release of QT 7.3.1 and later QT's Flash media handler has been disabled except for a limited number of existing QuickTime movies that are known to be safe, see [Apple KB article](#). Apple had done that once before ([QT 7.1.3](#)) giving users the option to [re-enable Flash](#). This option does not exist in the latest release.

Audio Codecs for QuickTime Media

Release dates are listed below the version no.: = read-only, = read&write

QT 3 March 30, 1998	QT 4 June 8, 1999	QT 4.1 Dec. 17, 1999	QT 5 Apr. 23, 2001	QT 6 July 15, 2002	QT 6.3/6.4 June 3, 2003/ Oct. 16, 2003	QT 6.5 Dec. 18, 2003	QT 7 April 30, 2005	Audio Codec	read-only/ read&write
					(improved)			AAC	
								ADPCM	
								aLaw 2:1	
					(download, included since QT 6.4)			AMR ("ARM")	
						since QT 6.5.1 (March 28, 2004)		Apple Lossless	
								GSM	
								IMA 4:1	
								MACE 3:1	
								MACE 6:1	
								MP3 CBR	
								MP3 VBR	
								MPEG-1 ¹	
				(commercial add-on)				MPEG-2	
								MPEG-4 (AAC)	
								Qdesign Music 1	
								Qdesign Music 2	
								Qualcomm PureVoice	
								µLaw 2:1	

Video Codecs for QuickTime Media

Release dates are listed below the version no.: = read-only, = read&write

QT 3 March 30, 1998	QT 4 June 8, 1999	QT 4.1 Dec. 17, 1999	QT 5 Apr. 23, 2001	QT 6 July 15, 2002	QT 6.3/6.4 June 3, 2003/ Oct. 16, 2003	QT 6.5 Dec. 18, 2003	QT 7 April 30, 2005	Video Codec	read-only/ read&write
								Animation	
								BMP (Apple BMP)	
								Cinepak	
								Component Video	
								DV PAL/NTSC	
								DVCPRO PAL/NTSC	
								Graphics	
								H.261	
								H.263	
								H.264	
	(download for Mac & Win)				(Win-only)	(Win-only)	(Win-only)	Intel Indeo 5 (Win & pre-OSX only!)	
								Intel Raw	
								Microsoft RLE	
								Microsoft OLE	
								Microsoft Video 1	
								JPEG 2000 (OSX only)	
								Motion-JPEG A	
								Motion-JPEG B	
								MPEG-1 ¹	
				(commercial add-on)				MPEG-2	
								MPEG-4	
								Photo-JPEG	
						(OSX 10.3 and later only)		Pixlet	
								Planar RGB	
								PNG	
								Sorensen Video	
								Sorensen Video (rev. 2) ²	
			(5.0.2)					Sorensen Video 3	
								TGA	
								TIFF	
								Video (Apple Video)	

1) For further information on MPEG-1 media see KB doc [61608](#).

2) QT4 came with a revised version of the Sorensen codec that is backwards-compatible with QT3.

QuickTime can playback the following formats as long as they use a supported codec.

Release dates are listed below the version no.

QT 3 March 30, 1998	QT 4 June 8, 1999	QT 4.1 Dec. 17, 1999	QT 5 Apr. 23, 2001	QT 6 July 15, 2002	QT 6.3/6.4 June 3, 2003/ Oct. 16, 2003	QT 6.5 Dec. 18, 2003	QT 7 April 30, 2005	Format	Ext. ³
					(download, included since QT 6.4)			3GPP	.3gp
								3GPP2	.3g2
								AIFF	.aiff, .aif
								AU	.au, .snd
								AVI	.avi
								BMP	.bmp
								DV	.dv
	3	3	4	5	5	5	5 (see note), no Flash support since QT 7.3.1	Flash (vers. #)	.swf
								GIF	.gif
								JPEG	.jpg
								MacPaint	.pnt
								MIDI	.mid
								MP3	.mp3, .mpu
								MPEG-1 (audio/video)	.mpeg, .mpg
				(commercial add-on)				MPEG-2 (audio/video)	.mpeg, .mpg
								MPEG-4 (audio/video)	.mp4, .m4a
								PICT	.pct
								Photoshop	.psd
								PNG	.png
							(OSX 10.4 and QT 7 only)	Quartz Composer Composition	.qtz
								QuickTime Image	.qtif, .qif, .qti
								SGI Image	.sgi
		1	1	1	1	1	1	SMIL (vers. #)	.smil
								TGA	.tga
								TIFF	.tiff, .tif
								WAV	.wav
						(download Flip4Mac)	(download Flip4Mac)	Windows Media	.wmv

3) Only the most common file extensions are listed.

QuickTime Proprietary Technologies' Support

- QuickTime VR for *cylindrical* panoramas/object movies are supported since QT 2.
- QuickTime VR for *cube (spherical)* panoramas are supported since QT 5.
- QuickTime Vectors (Curve codec) are supported since QT 3.
- QuickTime Sprites are supported since QT 2.1.

JavaScript Support

- QuickTime 4.1 is scriptable using Netscape 4 or 5 on Windows and Macintosh.
- QuickTime 6 is scriptable using Internet Explorer on Windows, and most or all Netscape or Mozilla-based browsers on Windows or Macintosh.
- Plug-ins are not scriptable using Internet Explorer for Macintosh.

For more details, see [ADC: JavaScript Support in QT 4.1](#) and the [JavaScript Scripting Guide for QuickTime](#).

Other resources of interest...

- Steve Gulle's book [QuickTime for the Web](#), widely recognised as the ultimate reference to QuickTime
- [Pageot](#), brilliant, little application for Win/Mac to generate "IE-friendly" object/embed markup
- More information on QuickTime and its history at [mediacoder.sourceforge.net](#)
- Apple, [QuickTime Tutorials](#)
- Apple, complete reference to [Embed Tag Attributes](#)
- Apple Developer Connection, [QuickTime Home](#)
- Apple, the [JavaScript Scripting Guide for QuickTime](#)
- Apple, [What's New in QuickTime 7](#)
- Apple, [QuickTime Revision List](#) versions 3 – 7
- Adobe, [Flash Player Penetration](#), market share of popular web players including QuickTime
- W3C [SMIL Home](#), general info, players, authoring tools and compatibility

Compiled by Martin Sammler with help from the members of the [QuickTime-Talk List](#), and QuickTime Product Marketing.

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