QuickTime

Leaf Atom

<Atom Size> Byte

Atom Header			Atom Data		
Atom Size	Atom Type	Extended Size *(optional)*	Field 1	...	Field n
4 Byte	4 Byte	8 Byte			

Container Atom

<Atom Size> Byte

Atom Header			Child Atoms		
Atom Size	Atom Type	Extended Size *(optional)*	Child Atom 1	...	Child Atom n
4 Byte	4 Byte	8 Byte			

QT Atom

<Atom Size> or <Extended Size> Byte

QT Atom Header							Atom Data
Atom Size	Atom Type	Extended Size *(optional)*	Atom ID	Reserved =00h	Child Count	Reserved =0000h	
4 Byte	4 Byte	8 Byte	4 Byte	2 Byte	2 Byte	4 Byte	

QT Atom Container

QT Atom Container				
Reserved =00000000000000000000h	Lock Count =0000h	QT Atom 1	...	QT Atom n
10 Byte	2 Byte			

QuickTime File

ftyp Atom *(optional)*	moov Atom	pnot Atom *(optional)*	mdat Atom 1 *(optional)*	...	mdat Atom n *(optional)*	free Atom n *(optional)*	skip Atom n *(optional)*

Movie Atom

<Atom Size> or <Extended Size> Byte

Movie Atom Header			Atom Data (in arbitrary order)									
Atom Size	Atom Type =moov	Extended Size *(optional)*	Profile Atom *(optional)*	Movie Header Atom	Clipping Atom *(optional)*	Track Atom 1 *(optional)*	...	Track Atom n *(optional)*	User Data Atom *(optional)*	Color Table Atom *(optional)*	Com-pressed Movie Atom *(optional)*	Refe-rence Movie Atom *(optional)*
4 Byte	4 Byte	8 Byte										

Track Atom

<Atom Size> Byte

Track Atom Header		Atom Data (in arbitrary order)									
Atom Size	Atom Type =trak	Track Profile Atom *(optional)*	Track Header Atom	Clipping Atom *(optional)*	Track Matte Atom *(optional)*	Edit Atom *(optional)*	Track Refe-rence Atom *(optional)*	Track Load Settings Atom *(optional)*	Track Input Map Atom *(optional)*	Media Atom	User Data Atom *(optional)*
4 Byte	4 Byte										