

The diagram illustrates the structure of two types of atoms: Leaf Atom and Container Atom. Both are labeled as <Atom Size> Byte.

Leaf Atom Structure:

- Atom Header (4 Byte):** Contains Atom Size (4 Byte), Atom Type (4 Byte), and Extended Size (optional) (8 Byte).
- Atom Data:** Contains Field 1, ..., Field n.

Container Atom Structure:

- Atom Header (4 Byte):** Contains Atom Size (4 Byte), Atom Type (4 Byte), and Extended Size (optional) (8 Byte).
- Child Atoms:** Contains Child Atom 1, ..., Child Atom n.

The diagram illustrates the structure of the QT Atom Container. It is a rectangular container divided into several sections. The top section is labeled 'QT Atom Container'. Below this, the container is divided into a 'Reserved' section (10 Byte) and a 'Lock Count' section (2 Byte). The 'Reserved' section contains the hexadecimal value '=00000000000000000000h'. The 'Lock Count' section contains the hexadecimal value '=0000h'. To the right of these sections are the 'QT Atom' fields, labeled 'QT Atom 1', followed by an ellipsis '...', and then 'QT Atom n'.

Movie Atom

<Atom Size> or <Extended Size> Byte

Movie Atom Header			Atom Data (in arbitrary order)									
Atom Size	Atom Type <i>=moov</i>	Extended Size (<i>optional</i>)	Profile Atom (<i>optional</i>)	Movie Header Atom	Clipping Atom (<i>optional</i>)	Track Atom 1 (<i>optional</i>)	...	Track Atom n (<i>optional</i>)	User Data Atom (<i>optional</i>)	Color Table Atom (<i>optional</i>)	Compressed Movie Atom (<i>optional</i>)	Reference Movie Atom (<i>optional</i>)
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 <i>(optional)</i>	Track Header Atom	Clipping Atom <i>(optional)</i>	Track Matte Atom <i>(optional)</i>	Edit Atom <i>(optional)</i>	Track Reference Atom <i>(optional)</i>	Track Load Settings Atom <i>(optional)</i>	Track Input Map Atom <i>(optional)</i>	Media Atom	User Data Atom <i>(optional)</i>

4 Byte
 4 Byte