



Information technology — Coding of audio-visual objects —

Part 12: ISO base media file format

TECHNICAL CORRIGENDUM 3

Technologies de l'information — Codage des objets audiovisuels —

Partie 12: Format ISO de base pour les fichiers médias

RECTIFICATIF TECHNIQUE 3

Technical Corrigendum 3 to ISO/IEC 14496-12:2008 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

In 8.3.2.1, replace the following text:

The width and height in the track header are measured on a notional 'square' (uniform) grid. Track video data is normalized to these dimensions (logically) before any transformation or placement caused by a layup or composition system. Track (and movie) matrices, if used, also operate in this uniformly-scaled space.

with:

Under the 'iso3' brand or brands that share its requirements, the width and height in the track header are measured on a notional 'square' (uniform) grid. Track video data is normalized to these dimensions (logically) before any transformation or placement caused by a layup or composition system. Track (and movie) matrices, if used, also operate in this uniformly-scaled space.

In 4.3, replace:

Box Type: `ftyp`
Container: File
Mandatory: Yes
Quantity: Exactly one

with:

Box Type: `ftyp`
Container: File
Mandatory: Yes
Quantity: Exactly one (but see below)

In 8.1.1.1, replace:

Box Type: `mdat`
Container: File
Mandatory: No
Quantity: Any number

with:

Box Type: `mdat`
Container: File
Mandatory: No
Quantity: Zero or more

In 8.1.1.1, replace:

Box Types: `free`, `skip`
Container: File or other box
Mandatory: No
Quantity: Any number

with:

Box Types: `free`, `skip`
Container: File or other box
Mandatory: No
Quantity: Zero or more

In 8.8.9.1, replace:

Box Type: `mfra`
Container: File
Mandatory: No
Quantity: Exactly one

with:

Box Type: `mfra`
Container: File
Mandatory: No
Quantity: Zero or one