INTERNATIONAL STANDARD ISO/IEC 14496-12:2008
TECHNICAL CORRIGENDUM 4

Published 2011-05-15

Information technology — Coding of audio-visual objects —

Part 12:
ISO base media file format

TECHNICAL CORRIGENDUM 4

Technologies de l'information — Codage des objets audiovisuels —
Partie 12: Format ISO de base pour les fichiers médias

RECTIFICATIF TECHNIQUE 4

Technical Corrigendum 4 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*.

ICS 35.040   **Ref. No. ISO/IEC 14496-12:2008/Cor.4:2011(E)**

Published in Switzerland

In 6.2.3, Box order, Table 1, Box types, structure, and cross-reference, remove the following line:

		tsel					8.10.3	*track selection*

In 6.2.3, Table 1, insert the following lines between 'subs' and 'mvex':

		udta					8.10.1	*user-data*
			tsel				8.10.3	*track selection*

In 8.3.3.1, replace:

This box provides a reference from the containing track to another track in the presentation. These references are typed. A `hint` reference links from the containing hint track to the media data that it hints. A content description reference `cdsc` links a descriptive or metadata track to the content which it describes.

with:

This box provides a reference from the containing track to another track in the presentation. These references are typed. A `hint` reference links from the containing hint track to the media data that it hints. A content description reference `cdsc` links a descriptive or metadata track to the content which it describes. The `hind` dependency indicates that the referenced track(s) may contain media data required for decoding of the track containing the track reference. The referenced tracks shall be hint tracks. The `hind` dependency can, for example, be used for indicating the dependencies between hint tracks documenting layered IP multicast over RTP.

In 8.7.3.1, add at the end:

NOTE   A sample size of zero is not prohibited in general, but it must be valid and defined for the coding system, as defined by the sample entry, that the sample belongs to.

In 8.8.3.1, replace:

```
bit(4)    reserved=0;
unsigned int(2) is_leading;
unsigned int(2) sample_depends_on;
unsigned int(2) sample_is_depended_on;
unsigned int(2) sample_has_redundancy;
bit(3)    sample_padding_value;
bit(1)    sample_is_difference_sample;
    // i.e. when 1 signals a non-key or non-sync sample
unsigned int(16)  sample_degradation_priority;
```
with:
```
bit(4)    reserved=0;
unsigned int(2) is_leading;
unsigned int(2) sample_depends_on;
unsigned int(2) sample_is_depended_on;
unsigned int(2) sample_has_redundancy;
bit(3)    sample_padding_value;
bit(1)    sample_is_non_sync_sample;
unsigned int(16)  sample_degradation_priority;
```

and after:

The `is_leading`, `sample_depends_on`, `sample_is_depended_on` and `sample_has_redundancy` values are defined as documented in the Independent and Disposable Samples Box.