

Information technology — Coding of audio-visual objects — Part 12: ISO base media file format, TECHNICAL CORRIGENDUM 2

Élément introductif — Élément central — Partie 12: Titre de la partie

Warning

This document is not an ISO International Standard. It is distributed for review and comment. It is subject to change without notice and may not be referred to as an International Standard.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Document type: International Standard
Document subtype: Technical Corrigendum
Document stage: (30) Committee
Document language: E

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*.

Copyright notice

This ISO document is a working draft or committee draft and is copyright-protected by ISO. While the reproduction of working drafts or committee drafts in any form for use by participants in the ISO standards development process is permitted without prior permission from ISO, neither this document nor any extract from it may be reproduced, stored or transmitted in any form for any other purpose without prior written permission from ISO.

Requests for permission to reproduce this document for the purpose of selling it should be addressed as shown below or to ISO's member body in the country of the requester:

[Indicate the full address, telephone number, fax number, telex number, and electronic mail address, as appropriate, of the Copyright Manager of the ISO member body responsible for the secretariat of the TC or SC within the framework of which the working document has been prepared.]

Reproduction for sales purposes may be subject to royalty payments or a licensing agreement.

Violators may be prosecuted.

In 8.5.2.1 replace

A `TextSubtitleSampleEntry`, `TextMetaDataSampleEntry`, or `SimpleTextSampleEntry`, all of which contain a MIME type, may be used to identify the format of streams for which a MIME type applies. A MIME type applies if the contents of a set of samples, starting with a sync sample and ending at the sample immediately preceding a sync sample, are concatenated in their entirety, and the result meets the decoding requirements for documents of that MIME type. Non-sync samples should be used only if that format specifies the behaviour of 'progressive decoding', and then the sample times indicate when the results of such progressive decoding should be presented (according to the media type).

NOTE the samples in a track that is all sync samples are therefore each a valid document for that MIME type.

with

A `TextSubtitleSampleEntry`, `TextMetaDataSampleEntry`, or `SimpleTextSampleEntry`, all of which contain a MIME type, may be used to identify the format of streams for which a MIME type applies. A MIME type applies if the contents [of the string in the optional configuration box \(without its null termination\), followed by the contents](#) of a set of samples, starting with a sync sample and ending at the sample immediately preceding a sync sample, are concatenated in their entirety, and the result meets the decoding requirements for documents of that MIME type. Non-sync samples should be used only if that format specifies the behaviour of 'progressive decoding', and then the sample times indicate when the results of such progressive decoding should be presented (according to the media type).

NOTE the samples in a track that is all sync samples are therefore each a valid document for that MIME type.

In 8.5.2.2, replace:

```
class TextMetaDataSampleEntry() extends MetaDataSampleEntry ('mett') {
    string    content_encoding; // optional
    string    mime_format;
    BitRateBox (); // optional
}
```

with

```
class TextConfigBox\(\) extends Fullbox \('txtC', 0, 0\) {
    string    text\_config;
}
```

```
class TextMetaDataSampleEntry() extends MetaDataSampleEntry ('mett') {
    string    content_encoding; // optional
    string    mime_format;
    BitRateBox (); // optional
    TextConfigBox \(\); // optional
}
```

and replace

```
class SimpleTextSampleEntry(codingname) extends PlainTextSampleEntry (codingname)
{
    string    content_encoding; // optional
    string    mime_format;
    BitRateBox ();              // optional
}
```

with

```
class SimpleTextSampleEntry(codingname) extends PlainTextSampleEntry (codingname
'stxt') {
    string    content_encoding; // optional
    string    mime_format;
    BitRateBox ();              // optional
    TextConfigBox ();          // optional
}
```

and replace

```
class TextSubtitleSampleEntry() extends SubtitleSampleEntry ('sbtt') {
    string    content_encoding; // optional
    string    mime_format;
    BitRateBox ();              // optional
}
```

with

```
class TextSubtitleSampleEntry() extends SubtitleSampleEntry ('sbtt') {
    string    content_encoding; // optional
    string    mime_format;
    BitRateBox ();              // optional
    TextConfigBox ();          // optional
}
```

In 8.5.2.3, after:

`mime_format` - provides a MIME type, in null-terminated UTF-8 characters, which identifies the content format of the samples. Examples for this field include 'text/html' and 'text/plain'.

insert

`text_config` - provides the initial text of each document, in null-terminated UTF-8 characters, which is prepended before the contents of each sync sample.

In 8.11.6.1 replace

If file delivery item information is needed and a version 2 or 3 ItemInfoEntry is used, then the file delivery information is stored (a) as a separate item of type 'fdel') that is also (b) linked by an item reference from the item, to the file delivery information, of type 'fdel'. There must be exactly one such reference if file delivery information is needed.

with

If file delivery item information is needed and a version 2 or 3 ItemInfoEntry is used, then the file delivery information is stored ~~(a)~~ as a separate item of type 'fdel') that is also ~~(b)~~ linked by an item reference from the item, to the file delivery information, of type 'fdel'. There must be exactly one such reference if file delivery information is needed.

In 8.16.3.3, replace

`earliest_presentation_time` is the earliest presentation time of any access unit in the reference stream in the first subsegment, in the timescale indicated in the timescale field;

with

`earliest_presentation_time` is the earliest presentation time of any ~~access-unit~~[content](#) in the reference stream in the first subsegment, in the timescale indicated in the timescale field; [the earliest presentation time is derived from media in access units, or parts of access units, that are not omitted by an edit list \(if any\);](#)