INTERNATIONAL STANDARD ISO/IEC 14496-12:2012
TECHNICAL CORRIGENDUM 2

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Information technology — Coding of audio-visual objects —

Part 12:
ISO base media file format

TECHNICAL CORRIGENDUM 2

Technologies de l'information — Codage des objets audiovisuels —

Partie 12: Format ISO de base pour les fichiers médias

RECTIFICATIF TECHNIQUE 2

Technical Corrigendum 2 to ISO/IEC 14496-12:2012 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

In 8.5.2.1 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.

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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 ('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
}
```