INTERNATIONAL ORGANISATION FOR STANDARDISATION
ORGANISATION INTERNATIONALE DE NORMALISATION
ISO/IEC JTC1/SC29/WG11
CODING OF MOVING PICTURES AND ASSOCIATED AUDIO INFORMATION

ISO/IEC/JTC1/SC29/WG11/m31431

Geneva, Switzerland, October 2013

Title: **Error(s) in 14496-12/Amd.2**

Source: **David Singer (Apple), Cyril Concolato (Telecom ParisTech)**

Status: **Contribution**

In Amendment 2, we find:

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).

and

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

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

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

It can be noted that the third does not have a four-character-code (4CC) identifier. This is an error. We suggest 'stxt', or perhaps 'stse'.

In addition, we would like discussion to happen around whether a 'config' box should be allowed in these entries, which would be pre-pended before the text of each sync sample, i.e. the sentence in the paragraph above would read:

A MIME type applies if the contents of the configuration box (if any), 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.