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Title: Proposition of Test Set for the CE on Streaming Text

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This document describes a proposition of Test Set for the CE on Streaming Text. It proposes an XML syntax for the description of the Timed Text features. We provide 30 XML files using this language and suggest the Systems subgroup to take these files as a basis for the Test Set. The files have been generated from the 3gp files provided by the 3GPP consortium. The original source files can be found at http://www.3gpp.org/ftp/tsg_sa/WG4_CODEC/TSGS4_22/Docs/. We also provide an executable that allows to generate such an XML file based on a 3GP file.

Here is a short description of the XML language used to describe the text content of the 3GP files. In most cases, the XML elements and attributes names are the 3GP atoms and property names.

The top element of the XML representation is called : **TGPPTimedText**.

It contains a **header** element and a **body** element. The **header** element contains the following elements:

- **VideoTrackHeader**: this element has 3 attributes: **width**, **height** and **layer**. It is used to position the text region as stated in the 3GPP spec.
- **TextTrackHeader**: this element has 5 attributes **width**, **height**, **layer**, **tx** and **ty**. They define the text region and its position with respect to the Video.
- **tx3g**: this element corresponds to a *TextSampleEntry* atom. There can be several element of this type in the **header**. It accepts a sub element called **ftab**. The **ftab** element describes the allowed fonts. This latter accepts only **font-entry** sub-elements which have two attributes **font-ID**, which is an integer, and **font**, which is a font name. The following are the allowed attributes for a **tx3g** element:
 - o **scroll**: This attribute is a string that can take the following values: “in”, “out”, “in & out” plus the one of the following suffixes: “upwards”, “downwards”, “leftwards”, “rightwards”.
 - o **text-direction**: a string attribute equals to “vertical” or “horizontal”
 - o **karaoke**: a string attribute equals to “continuous” or “discontinuous”
 - o **horizontal-justification**: a string with the following allowed values “left”, “right”, “centered”

- **vertical-justification**: a string with the following allowed values “top”, “bottom”, “centered”
- **background-color-rgba, text-color-rgba**: four comma separated integer values between 0 and 255.
- **top, left, bottom, right**: 4 integer values for the text box.
- **font-ID**: an integer ID.
- **face-style**: a string with the following values: “bold”, “italic”, “underlined”, “plain”
- **font-size**: an integer

The **body** element gathers the description of the timed text samples. It has no attributes and an indefinite number of sub-elements of type **TextSample**.

The **TextSample** element has two attributes: **time**, a float value, and **description-index**, an integer value that refers to nth tx3g element. The allowed sub-elements are:

- the **Text** element, that contains raw text.
- The text modifiers **dlay, krok, styl, hlcr, hlit, href, tbox, blnk**.

