Requirements for the SCF Module SRTXML2SRT

Contents

Disclaimer

Structure of the requirements

The structure of the requirements is as follows:

- **Title:** a short title, prepended with the internal ID of the requirement
- **Description:** the requirement text. The specified text will be used to test the implementation.
- **Area:** Apart from more general requirements the requirements are categorized by modules (e.g. `STLXML2EBU-TT` or `EBU-TT2EBU-TT-D`)
- **Requirement Review Status:** This is the internal review status of the requirement itself (especially of the requirement text).
- **Status Implementation:** This status indicates if the requirement is already met by the implementation. The possible status codes are:

  - *outstanding* - the corresponding code has not yet been written, or the requirement has been implemented but there are no test files for it
  - *waitingReview* - the code to implement the requirement has been written but nobody (except the developer) has reviewed the code yet
  - *underReview* - the corresponding code is under review and has not yet been accepted by the first reviewer
  - *reviewed* - the corresponding code has been reviewed and accepted by the first reviewer
  - *accepted* - the corresponding code has been accepted by the developer team and is ready to be published
- **Priority according to MoSCoW:** the priority that is the base to decide when the feature will be implemented. The possible values are:

  - *M* - must
  - *S* - should
  - *C* - could
  - *W* - won't

  For more information see: https://en.wikipedia.org/wiki/MoSCoW_method

Requirements for Sub-module SRTXML2SRT

requirement-800: SRT XML to SRT

Description

There is an option to transform an SRT XML file in an SRT file. It is important to note that the SRT format is not based on a common official standard, but is a community driven format.

Area

SRTXML2SRT

Requirement Review Status

accepted

Status Implementation

accepted

Priority according to MoSCoW

m

requirement-801: subtitle mapping

Description

Each "subtitle" element in the SRTXML file is mapped to a block of consecutive lines without any empty lines in between. Any adjacent subtitle blocks are separated by a single empty line.

Area

SRTXML2SRT

Requirement Review Status

accepted

Status Implementation

accepted

Priority according to MoSCoW

m

requirement-802: ID mapping

Description

The "id" element in the SRTXML file is mapped to the numeric ID line (first line of a subtitle block).

Area

SRTXML2SRT

Requirement Review Status

accepted

Status Implementation

accepted

Priority according to MoSCoW

m

requirement-803: begin/end mapping

Description

The "begin" and "end" elements in the SRTXML file are mapped to the timing line (second line of a subtitle block). Hereby the "-->" token is added between the begin and the end timecode, plus an additional space character between the token and a value.

Area

SRTXML2SRT

Requirement Review Status

accepted

Status Implementation

accepted

Priority according to MoSCoW

m

requirement-804: line mapping

Description

Any "line" element in the SRTXML file is mapped to a text line (third and later lines of a subtitle block, if present), derived from all descendant text nodes. Possible whitespace is replaced by a single space and leading/trailing whitespace is stripped. The text is output as UTF-8.

Area

SRTXML2SRT

Requirement Review Status

accepted

Status Implementation

accepted

Priority according to MoSCoW

m