

Requirements for the SCF Module SRT2SRTXML

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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 SRT2SRTXML

requirement-701: ID mapping

Description

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

Area

SRT2SRTXML

Requirement Review Status

accepted

Status Implementation

accepted

Priority according to MoSCoW

m

requirement-702: begin mapping

Description

The begin timecode in the SRT file (part before the "-->" token in the second line of a subtitle block) is mapped to the "begin" element.

Area

SRT2SRTXML

Requirement Review Status

accepted

Status Implementation

accepted

Priority according to MoSCoW

m

requirement-703: end mapping

Description

The end timecode in the SRT file (part after the "-->" token in the second line of a subtitle block) is mapped to the "end" element.

Area

SRT2SRTXML

Requirement Review Status

accepted

Status Implementation

accepted

Priority according to MoSCoW

m

requirement-704: line mapping

Description

The text line in the SRT file (third and later lines of a subtitle block, if present) is mapped to the "line" element. It is assumed that the text is encoded in UTF-8.

Area

SRT2SRTXML

Requirement Review Status

accepted

Status Implementation

accepted

Priority according to MoSCoW

m

requirement-705: markup parameter

Description

There is a parameter, e.g. named "markup", to enable the processing of markup as part of text lines. If the parameter is not present, all text lines are treated as plain text i.e. characters will automatically be escaped, where needed. If the parameter is present, all text lines must be well-formed XML, assuming an (anonymous) enclosing root element. Thus characters as part of actual subtitle text already have to be provided in escaped form, where necessary (e.g. "&" and "<").

Area

SRT2SRTXML

Requirement Review Status

accepted

Status Implementation

accepted

Priority according to MoSCoW

m