

## **Requirements for the SCF Module GetTTMLProfile**

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# Disclaimer

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# Structure of the requirements

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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](https://en.wikipedia.org/wiki/MoSCoW_method)

# Requirements for Sub-module GetTTMLProfile

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## requirement-2030: TTML Profile Identification

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### Description

The GetTTMLProfile module outputs the profile identifier of a TTML profile based on inspection of the content of a TTML document. It does so using the following algorithm (the first match will define the output): if the space normalized string of the last comment before the tt:tt element in the document is the string "Profile: EBU-TT-D-Basic-DE" the output is "ede1", if the ttp:profile element (as child of the tt:head element) has an attribute with the name "use" set to the value "http://www.w3.org/ns/ttml/profile/sdp-us" the output is "tt1s", if an ebuttm:conformsToStandard element as the child of the ebuttm:documentMetadata element has the values "urn:ebu:tt:distribution:2014-01" the output is "etd1", if the ttp:profile attribute on the tt:tt element is set to "http://www.w3.org/ns/ttml/profile/imsc1/text" the output is "im1t", if the ttp:profile attribute on the tt:tt element is set to "http://www.w3.org/ns/ttml/profile/imsc1/image" the output is "im1i", if the ebuttm:conformsToStandard element as child element of ebuttm:documentMetadata is set to "urn:ebu:tt:exchange:2015-09" the output is "etx2", if the ebuttm:documentEbuttVersion element as a child of the ebuttm:documentMetadata element is set to the value "v1.0" the result should be "etx1", if the ttp:profile attribute of the tt:tt element is set to "http://www.w3.org/ns/ttml/profile/dfxp-full" or the use attribute of the ttp:profile element as child of an tt:head element is set to "http://www.w3.org/ns/ttml/profile/dfxp-full" the result is "tt1f", if the ttp:profile attribute of the tt:tt element is set to "http://www.w3.org/ns/ttml/profile/dfxp-presentation" or the use attribute of the ttp:profile element as child of an tt:head element is set to "http://www.w3.org/ns/ttml/profile/dfxp-presentation" the result is "tt1p", if the ttp:profile attribute of the tt:tt element is set to "http://www.w3.org/ns/ttml/profile/dfxp-transformation" or the use attribute of the ttp:profile element as child of an tt:head element is set to "http://www.w3.org/ns/ttml/profile/dfxp-transformation" the result is "tt1t" otherwise it outputs "tt1t".

### Area

GetTTMLProfile

### Requirement Review Status

accepted

### Status Implementation

accepted

### Priority according to MoSCoW

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