XLIFF OMOS TC Charter

Section 1: TC Charter

(1)(a) TC Name

XLIFF Object Model and Other Serializations (XLIFF OMOS) Technical Committee

(1)(b) Statement of Purpose

This committee’s high level purpose is to further advance standards based payload and metadata interoperability in the Globalization, Internationalization, Localization and Translation (GILT) industries. This TC will be describing and defining standard serialization independent interchange objects based predominantly on state of the art and legacy XML standards that have been successfully used in the GILT industries ever since inception of XML. Defining specific serializations, transaction models, standard interfaces and web services based on the defined objects and object models is also in scope as far as it facilitates the high level purpose set out here.

(1)(c) Scope

The following items belong to the Scope of Work and are expected to be refined as the TC gains additional insights into evolving GILT industry use cases. Members will gather insights and requirements from consultations with the wider community of industry stakeholders, annual Symposia, questionnaires, etc. and use these insights to produce concrete technical deliverables.

In particular, in case that XLIFF TC identifies the need for a major new version of the XLIFF standard and starts moving away from the XLIFF 2 family of standards, this TC will work in concert with those developments and develop a serialization independent Object Model for the major new version, non-XML serializations etc. exactly as it now works on these items for the XLIFF 2 family of standards, TMX etc.

i) Define and maintain a serialization independent Object Model for the XLIFF 2 family of standards that is being developed by the OASIS XLIFF TC.

ii) Define and maintain non-XML serializations of the said XLIFF Object Model, prominently a JSON serialization, but also any other serializations that could not be developed by the XLIFF TC for scope restriction reasons, as industry needs arise.

iii) Define specific standard Application Interfaces (API) and abstract service architectures for various XLIFF serializations and other related standards (such as TMX, TBX, ITS, SRX etc.) and their various serializations used in concert for GILT payload and metadata interchange.

iv) Host and maintain TMX 1.4b (1.4.2), develop and maintain any successor versions of the TMX standard including its serialization independent Object Model and various serializations as the need arises.

v) Define and describe lossless or nearly lossless mappings between XLIFF and related GILT standards, define those mappings in an abstract way and for specific serializations as the need arises.

vi) Define and describe informative best practices and abstract services architecture recommendations with regards to usage of the XLIFF 2 family of standards and related standards including but not limited to current and successor versions of TMX, TBX, SRX, ITS and other related standards used for data and metadata interchange in the GILT industries.

(1)(d) Deliverables

The following are high priority technical deliverables that should be developed and published in the OASIS standards track within 24 months from TC initiation:

i) Serialization independent Object Model for the XLIFF 2 family of standards

ii) JSON serialization of XLIFF 2.1

Work on the following may start during the work on the above high priority deliverables or later on given the general sense of urgency for those within the GILT industries

iii) Republishing of TMX 1.4b (1.4.2) under OASIS IPR

iv) Major new version of TMX, compatible with XLIFF 2 family of standards

(1)(e) IPR Mode

Non-Assertion

(1)(f) Audience

The expected audience for the work of the XLIFF OMOS TC includes but is not limited to:

- Multilingual content and software architects and strategists, multilingual content publishers

- GILT services architects and developers

- Content owners and managers that seek to publish their content in multiple localized versions

- Software providers for internationalization, localization, and translation tools and processes, including language technology components

- Technical communicators employing localization tools and processes for multilingual publishing of their content

- Localization service providers who need to interact seamlessly with localizable and localized content of their customers

(1)(g) Language

English (US spelling)

Section 2: Additional Information

(2)(a) Identification of Similar Work

This TC is intended as the sister committee to OASIS XLIFF TC. The Scope of Work of this TC is designed so that it complements the Scope of Work of the XLIFF TC that could not work on this TCs work items because of legacy scope restrictions. Strong and close liaison will be maintained with XLIFF TC, membership is expected to overlap to large extent.

Other related standards, standards bodies and groups are currently the following:

W3C ITS 2.0 and the W3C ITS Interest Group

ULI TC at Unicode Consortium, their contributions to CLDR (for instance natural languages segmentation behavior), hosting and maintenance work on SRX, word counting and match similarity related standards and best practices

ISO TC 37 TBX and LTAC work on TBX

This TC is also ready to receive Localization related work items from ETSI on behalf of the disbanded ETSI ISG LIS, as long as those fall under XLIFF OMOS Scope of Work and were not transferred to other more closely related standardization body or group

Other standardization work items at other groups may arise that are relevant for this TCs

This TC will also strive to work in concert with other OASIS committees, prominently CMIS, UBL, DITA, DocBook, and ARIP.

(2)(b) First TC Meeting

08 December 2015

(2)(c) Ongoing Meeting Schedule

The ongoing meetings will be held on 2nd and 4th Tuesdays each month, at 4pm GMT (Western European time with or w/o DST depending on the season). The meetings will be initially sponsored by Trinity College Dublin (ADAPT). TC members can agree to skip a regular Tuesday meeting from time to time if quorum will not likely be achieved due to holiday seasons, or a majority of voters otherwise unavailable.

(2)(d) TC Proposers

David Filip, [filipd@tcd.ie](mailto:filipd@tcd.ie), Trinity College Dublin (ADAPT)

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(2)(e) Primary Representatives' Support

I, David Lewis, [dave.lewis@cs.tcd.ie](mailto:dave.lewis@cs.tcd.ie), as OASIS primary representative for Trinity College Dublin (ADAPT), confirm our support for this proposed Charter and endorse our participants listed above as named co-proposers and convener.

I, Nuno Linhares, [nlinhares@sdl.com](mailto:nlinhares@sdl.com), as OASIS primary representative for SDL, confirm our support for this proposed Charter and endorse our participants listed above as named co-proposers.

(2)(f) TC Convener

David Filip, [filipd@tcd.ie](mailto:filipd@tcd.ie), Trinity College Dublin (ADAPT)

(2)(g) OASIS Member Section

Decision to be deferred.

(2)(h) Anticipated Contributions

TMX 1.4.2 (1.4b) from ETSI

<http://www.etsi.org/deliver/etsi_gs/lis/001_099/002/01.04.02_60/gs_lis002v010402p.pdf>

(2)(i) FAQ Document

Q1 [IPR Mode]: "Why did you choose the Non-Assertion mode?"

A1 [IPR Mode] "Under the Non-Assertion mode, all parties agree not to seek to enforce any patent or other intellectual property rights they may have in case usage of those is essential to implement the standards produced by that committee. This precludes the need for licensing terms altogether and makes it easier for open-source developers in particular to participate. The majority of new OASIS Technical Committees choose to work under the Non-Assertion mode."

Q2 [Join OASIS] "How do I get involved in XLIFF OMOS TC?"

A2 [Join OASIS] "All interested parties are welcome to participate in the XLIFF OMOS TC as long as they are or are willing to become OASIS members; contact [join@oasis-open.org](mailto:join@oasis-open.org) for details."

(2)(j) Work Product Titles and Acronyms

TBD