|  |  |  |
| --- | --- | --- |
| ITU logo | INTERNATIONAL TELECOMMUNICATION UNION**TELECOMMUNICATION STANDARDIZATION SECTOR**STUDY PERIOD 2017-2020 | TSAG-TD756 |
| **TSAG** |
| **Original: English** |
| **Question(s):** | N/A | Geneva, 10-14 February 2020 |
| **TD** |
| **Source:** | Rapporteur, RG-WP |
| **Title:** | Draft LS/r on creation of new Question 23/16 (Digital culture-related systems and services) (SG16‑LS166) [to ITU-T SG16] |
| **Purpose:** | Discussion |
| **LIAISON STATEMENT** |
| **For action to:** | ITU-T SG16 |
| **For comment to:** | - |
| **For information to:** | ITU-T SGs 2, 3, 5, 9, 11, 12, 13, 15, 17, 20 |
| **Approval:** | TSAG meeting (Geneva, 14 February 2020) |
| **Deadline:** | 29 March 2019 |
| **Contact:** | Bruce GracieTSAG Chairman | Tel: +1 613 592-3180E-mail: bruce.gracie@ericsson.com |
| **Contact:** | Reiner LieblerRapporteur TSAG RG-WP | Tel: +49 228 14-3000E-mail: reiner.liebler@bnetza.de  |

|  |  |
| --- | --- |
| **Keywords:** | New Questions; Multimedia; Digital Culture; |
| **Abstract:** | TSAG endorses the creation by SG16 of Q23/16 (Digital culture-related systems and services) and invites SG16 to proceed with the approval of both Questions as per Resolution 1 clause 7 procedure, taking into account the need to coordinate work with UNESCO and other institutions working on the digital culture field, and to work in close liaison with a number of JTC1 SCs. TSAG also requests SG16 to review the text of the Question as appropriate to take into account comments in Annex A of this LS. |

TSAG thanks ITU-T SG16 for its LS on the creation of new Questions 23/16, *Digital culture-related systems and services* (our TSAG-TD699, your [SG16-LS166](http://handle.itu.int/11.1002/ls/sp16-sg16-oLS-00166.docx)).

TSAG has reviewed the text of the proposed Question as well as comments provided by the ITU/ISO/IEC Standardization Programme Coordination Group (SPCG) in TSAG-TD741.

After discussions, TSAG agreed to **endorse the text of the new Question 23/16** and requests SG16 to **promote coordination** with UNESCO and other institutions working on the digital culture field and to **promote a close liaison** of the new Question with ISO/IEC/JTC1 SC 2 (Coded character sets), SC 7 (Systems development), SC 24 (Computer graphics, image processing and environmental data representation), SC 29 (Coding Audio picture, multimedia and Hypermedia information), SC 27 (Security), SC 36 (Information technology for Learning, education and training), SC 41 (Internet-of-Things), and SC 42 (Artificial Intelligence). SG16 is also requested to take into account the SPCG recommendations (see Annex A), and if appropriate modify the text of the new Question.

TSAG kindly invites SG16 to proceed with the final approval of the Question in line with the applicable WTSA-16 Res.1 clause 7 procedures, with particular attention to addressing the issues identified above.

# Annex A:Attachment 1 to TSAG-TD741Standardization Programme Coordination Group (SPCG) recommendation

ITU-T/TSAG proposal for a new Question Q23/16 Digital culture-related systems and services

As we understand this Question, it addresses the domain of preservation and dissemination of cultural assets. In our understanding, what is being proposed in Q23/16 is an application of the existing technologies – and by extension the existing standards – to a specific domain.

SPCG offers the following recommendations:

1. Some of the proposed items appear to be in the business domain of cultural resources (e.g. cultural resources classification). SPCG recommends that the scope be revised concerning the cultural resource aspect to ensure it draws on the best possible expertise, which may reside in other standards committees (see below).
2. A range of standards exist or are being developed in the area of systems development (ISO/IEC/JTC 1/SC 7), Security (ISO/IEC/JTC1/SC 27), Information technology for Learning, education and training (ISO/IEC/JTC 1/SC 36), Artificial Intelligence (ISO/IEC/JTC 1/SC 42), Internet-of-Things (ISO/IEC/JTC1/SC 41), Coding Audio picture, multimedia and Hypermedia information (ISO/IEC/JTC 1/SC 29), Coded character sets (ISO/IEC/JTC 1/SC 2), Computer graphics, image processing and environmental data representation (ISO/IEC/JTC 1/SC 24). It is recommended that ITU-T Q23/16 considers and builds upon these existing standards, and focus on specifying how they can be used together for digital culture related systems and services, also identifying possible standardization gaps in that process.
3. It is recommended that ITU-T SG 16 Q23 coordinate with Q6 to develop any needed codec or file system related standards jointly with JTC1/SC 29/WG 11 to avoid duplication of work or to refer to existing codecs some of them being only developed in JTC1/‌SC 29/‌WG 11.
4. ISO/IEC/JTC 1/SC 36 has always acted as a strong advocate of supporting cultural and linguistic neutrality in the use of date element identifiers, to support diversity of cultures and languages. The ISO/IEC19788 series (developed in SC 36) indicates that, when they are intended to be used globally, entities (data element specification, resource class, predefined rule set, data element group specification, application profile, vocabulary, or vocabulary term) should be persistent, linguistic and location independent IRIs. This in turn allows localization of ontologies for any language, so that when working in the context of a given cultural or natural language (English, French, Russian, Chinese...) it is possible (and more human and culturally friendly) to work with linguistic versions of the persistent non-linguistic canonical HTTP URI. In that case, canonical HTTP URI denoting a conceptual MLR entity is composed of two parts: A first part concerning the identification of the standard involved and a second part concerning a global linguistic identifier of the entity (in the context of a given language).
5. Whilst it is unlikely that there will be a duplication of work with ISO/IEC/JTC 1/SC 36, it is recommended that the ISO/IEC 19788 series be considered during the work of Q23/16.
6. Q23/16 should build on the established liaison with ISO/TC 46, Information and documentation and take into account the work done by this TC.

**SPCG recommendation to ITU-T/TSAG**: ITU-T/TSAG is invited to request SG16 to take into account the above recommendations, modify the proposal if appropriate and promote a close liaison of the new Question with the above mentioned JTC/1 Sub-Committees in order to ensure that the standards collection provided by ISO, IEC and ITU in this field is coherent and comprehensive.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_