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Request from JTC 1/SC 36 to make ISO/IEC 19778-1, 2, 3, 19780-1, and 2382-36 freely available.

In accordance with Resolution 7 and 49 adopted at the SC36 Plenary meeting held in Wellington, New Zealand March 2009, SC36 requests that JTC1 make ISO/IEC 19778-1, 2, 3, 19780-1, and 2382-36 freely available.

Resolution 7 (Wellington 2009): Request to make ISO/IEC 19778-1, 2, 3 and ISO/IEC 19780-1 freely available standards

SC36 requests that its Secretariat submit the following rationale as a contribution to JTC1 for requesting that ISO/IEC 19778-1, 2, 3 and ISO/IEC 19780-1 be designated as freely available standards.

The rationale for this is: The standards are reference models/framework standards and meet criteria (6) REFERENCE MODELS B of JTC1 N7269 Criteria for free availability.

Please refer to Annex A for the Scope of these standards containing the intent of defining reference data models as the scope of the standards.

Resolution 49 (Wellington 2009) – Making Part 36 of ISO/IEC 2382 freely available on the Web

ISO/IEC JTC1 Ottawa, 1997 Resolution 32 Release of Standards (see JTC1 N5018) identified ISO/IEC 2382 Vocabulary Standards as a multipart standard which JTC1 requested to be made available on the Web. SC36 requests the JTC1 to implement this 1997 resolution with respect to Part 36. SC36 recognizes that in 2004, ISO/IEC JTC1 changed its criteria.

At that time, all decisions on JTC1 prior to 2004 with respect to specification of freely available standards were retained. SC36 notes that some parts of ISO/IEC 2382 are currently freely available on the ISO website.

- Approved : unanimous

ANNEX A

Scope statements from ISO/IEC 19778-1, 2, 3 and ISO/IEC 19780-1

Scope of ISO/IEC 19778-1

1 Scope

1.1 Statement of scope

1.1.1 This multipart Standard

This multipart International Standard is applicable to collaborative technologies used to support communication among learners, instructors and other participants. The implementation and communicative use of these technologies entails the creation of information related to participant groups, and to the collaborative environments, functions and tools that are set up for and used by these groups. This standard – together with its subsequent parts – defines data models that enable the portability and reuse of this data in integrated form, and allow Data Model instantiations to be interchanged, stored, retrieved, reused, or analyzed by a variety of systems.

NOTE 1 A typical case of reusing a particular collaborative workplace Data Model instantiation (and its interlinked collaborative environment and collaborative group Data Model instantiations) is the automated setup of new collaborative workplaces, by using the specifications in the Data Model instantiations as templates.

NOTE 2 The reason for providing the specification for a collaborative workplace using several Data Models and their instantiations is to provide flexibility in the further development of these standards in future editions. By providing optional references to potential further specifications or standards, this approach goes far beyond the Parts of this multipart Standard and the limited number of information elements provided by them.

1.1.2 This Part 1 of this multipart Standard

This Part 1 of this International Standard specifies a table-based approach for defining Data Models. This Data Model specification is used for specifying the collaborative workplace Data Model. The same Data Model specification is also used in the Parts 2

and 3 of this multipart Standard to define the related components of the collaborative environment (19788-2) and the collaborative group (19788-3) in separate Data Models.

NOTE 1 This Data Model specification is also used in the ISO/IEC 19780 standards. The collaborative workplace Data Model specifies the Data Model Elements and their interrelationships that enable the creation of collaborative workplace Data Model instantiations.

Any conforming collaborative workplace Data Model instantiation describes or specifies a particular collaborative workplace, it is associated with.

NOTE 2 How the association of a particular collaborative workplace Data Model instantiation and a particular collaborative workplace is implemented is outside the scope of this Standard (i.e. is dependent on the implementation of the used collaboration system).

Any conforming collaborative workplace Data Model instantiation

- references Data Model instantiations for both, a particular collaborative environment and a particular collaborative group;
- provides its particular identifier that allows to reference this Data Model instantiation from other Data Model instantiations;

NOTE 3 The ISO/IEC 19778 Data Models and Data Model or Data Model Element instantiations are referenced by the ISO/IEC 19780 standards, that provide storage formats for captured communicative contributions, along with contextual data (e.g. relationship to other contributions, time sent, authorship, etc.)

- provides the life-span dates-and-times for the associated collaborative workplace;
- may provide a name and a textual description for its associated collaborative workplace, the description particularly for the purpose of full-text search for collaborative workplace Data Model instantiations.

1.2 Subjects and aspects not currently addressed in this multipart Standard

Beyond the present Parts of this multipart Standard, further Parts or future new editions of the Parts of this Standard are anticipated, including:

- Internationalization (e.g., national alternatives for the values of textual, descriptive Data Elements);
- Bindings for the Data Models of Parts1, 2, and 3 of this Standard will be provided by additional Parts of this Standard;
- Best practice guides for the use of Parts1, 2, and 3 of this Standard will be provided by additional Parts of this Standard;
- To enable the concurrent use of several international languages in Parts1, 2, and 3 of this Standard will be reflected by future editions;
- Any lessons learnt from practicing Parts1, 2, and 3 of this Standard will be reflected by future editions of these Parts.

1.3 Excluded subjects and aspects in this multipart Standard

Beyond the scope of this multipart Standard, communities of practice or standardization bodies may provide further specifications or standards which are not yet identified. These anticipated specifications or standards may either make use of this multipart Standard, or may – where this is prepared for – specify value domains for Data Elements of the Data Models of this multipart Standard, or may represent extensions of this multipart Standard by providing and referencing Data Models with supplementing information.

Subjects and aspects, not provided by this multipart Standard, however anticipated to be provided by further specifications or standards include:

- The specification of roles that collaborative group members may play, including the obligations and permissions associated with these roles;
- The specification of collaborative tools and their collaborative functions, including their technical capabilities and constraints;
- The specification of models for collaborative applications, including the modelling of tasks, activities and objectives of such activities.

1.4 Subjects and aspects addressed in related standards

This multipart Standard is closely related to ISO/IEC 19780-1. This related standard enables the recording, portability and reuse of the communicative contents, the messages or expressions generated in the course of collaborative activity. The way this communicative data is recorded and captured makes use of collaborative workplace, collaborative group, and collaborative environment Data Model Elements.

Scope of ISO/IEC 19778-2

1 Scope

1.1 Statement of scope

This document - Part 2 Collaborative environment data model - of the multipart standard ISO/IEC 19778 specifies the Data Model for a collaborative environment. The collaborative environment Data Model composes collaborative tools and declares their collaborative functions by specifying their names. These names may be used as references to collaborative tools and collaborative functions specified in detail by further specifications or standards. Where no such specifications or standards are available or identified, the provision of descriptions for human interpretation may support harmonized use of these names.

1.2 Subjects and aspects not currently addressed

In future editions of this Standard, extended support for adapting collaborative environments to preferences and needs of participants may be provided. Such support may be gained by prioritizing the collaborative effects (defining, which collaborative effects are intended to be supported) in contrast to the collaborative tools and collaborative functions (defining, by which technical provisions the intended collaborative effects are supported).

1.3 Excluded subjects and aspects

Subjects and aspects, not provided by this Standard, however anticipated to be provided by further specifications or standards include:

- the detailed specification of collaborative tools or collaborative functions (such specification is left to further specifications or standards and means service component harmonization which is excluded from this Standard);

- the detailed specification of collaborative effects (such specification is left to further specifications or standards and addresses application modeling which is excluded from this Standard).
- the specification of methods for integrating collaborative tools or collaborative functions into services (as this affects service modeling which is excluded from this Standard).

Scope of ISO/IEC 19778-3

1 Scope

1.1 Statement of scope

This document - Part 3 Collaborative group data model - of the multipart standard ISO/IEC 19778 specifies the Data Model for a collaborative group.

The collaborative group Data Model composes roles which can be played by the participants of a collaborative group, declares the intended role holders (positions for playing a particular role) for each role, and (at least during the life-span of the collaborative workplace) assigns participants to these role holders. The role names may be used as references to roles specified in detail by further specifications or standards. Where no such specifications or standards are available or identified, the provision of descriptions for human interpretation may support harmonized use of these names. Provided participant identifiers may be used as references to detailed participant information which may be specified in a provided user management system.

NOTE There is a risk of improper access and misuse of personal and private data facilitated by use of the collaborative group Data Model. It is the responsibility of the implementer to ensure proper use of any involved personal information.

1.2 Subjects and aspects not currently addressed

In future editions of this Standard, the identification of participant types referring to a harmonized or standardized participant typology may be provided. Such a provision would upgrade the value of anonymized collaborative group Data Model instantiations for being reused as templates.

Currently, the collaborative groups specified by this Data Model are static. Participants may not be online all the time; in a collaborative group, private discussions may occur; participants may leave the collaborative group during the life-state of the collaborative workplace. It is not yet clear to which degree such aspects can and should be addressed in future editions of this Standard.

1.3 Excluded subjects and aspects

Subjects and aspects, not provided by this Standard, however anticipated to be provided by further specifications or standards include:

- the detailed specification of roles or role typologies in the context of learning, education, and training (such specification is reserved to further specifications or standards; it may be specific for particular domains of applications in this field; such specifications are excluded from this Standard);
- methods for assigning collaborative tools or collaborative functions of a collaborative workplace to participants in particular roles (such methods means optimization for mapping capabilities and requirements of technical means to capabilities and preferences of participants; such methods are excluded from this Standard);
- the detailed specification of participant information (such specification is reserved to further specifications or standards and addresses and is excluded from this Standard).

Scope of ISO/IEC 19780-1

1 Scope

1.1 Statement of scope

This Part 1 - Text-based communication - of the multipart Standard ISO/IEC 19780 specifies the Data Model for text-based expressions.

The purpose of this Standard is to provide a standardized way of isolating and describing textual expressions composed and communicated by collaborative group members.

1.2 Excluded subjects and aspects in this Standard

For the purposes of simplicity, the following media and contexts have been excluded from this Standard:

- Communication involving media other than text
- Contexts and associated requirements in which one or more participants are intended to receive a given expression are identified individually, apart from the collaborative group (e.g. "whispering" or "private messaging" in chat contexts).