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Information technology — Learning, education and training — Metadata for learning resources —

Part 8:
Data elements for MLR records

Technologie de l'information — Apprentissage, éducation et formation — Métadonnées pour ressources d'apprentissage —

Partie 8: Éléments de données pour les enregistrements MLR

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/IEC JTC 1, *Information technology*, Subcommittee SC 36, *Information technology for learning, education and training.*

ISO/IEC 19788 consists of the following parts, under the general title *Information technology — Learning, education and training — Metadata for learning resources:*

— *Part 1: Framework*

— *Part 2: Dublin Core elements*

— *Part 3: Basic application profile*

— *Part 4: Technical elements*

— *Part 5: Educational elements*

— *Part 7: Bindings*

— *Part 8: Data elements for MLR records*

— *Part 9: Data elements for Persons*

The following part is under preparation:

— *Part 11: Migration from the LOM to MLR*

Introduction

The primary purpose of this part of ISO/IEC 19788 is to facilitate (1) the description of a learning resource by providing a standards-based approach to the identification and specification of the metadata elements required to describe a learning resource, e.g. as a metadata learning resource (MLR) record, and (2) the search, discovery, acquisition, evaluation, and use of learning resources, for example, by learners, instructors, or automated software processes.

This International Standard is modularly structured with all its parts corresponding to a specified set of user requirements for the identification and specification of metadata elements having a particular focus and intended use in the description of a learning resource. This includes categories of metadata elements focused on technical perspectives, pedagogical aspects, availability and intellectual property aspects, bindings, etc.

This part of ISO/IEC 19788 uses the data element specification (DES) model and framework provided in ISO/IEC 19788-1 to specify data elements for the description of MLR records.

An MLR record is defined as a "specified set of data elements describing a learning resource and resources directly related to that learning resource" (see ISO/IEC 19788-1:2011, 3.24).