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

Part 2: Dublin Core properties

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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 or www.iec.ch/members_experts/refdocs).

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This document was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 36, *Information technology for learning, education and training*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 353, *Technologies supporting education and learning processes*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO/IEC 19788-2:2011), which has been technically revised. It also incorporates the Amendment (ISO/IEC 19788-2:2011/Amd 1:2016).

The main changes are as follows:

— application of the ISO/IEC 19788-1:2024 framework, namely the use of the term ”property” (P) is used instead of “data element specification” (DES) which becomes deprecated;

— new domain and property attributes, such as Label and Canonical Identifier, are introduced.

A list of all parts in the ISO 19788 series can be found on the ISO and IEC websites.

Any feedback or questions on this document should be directed to the user’s national standards body. A complete listing of these bodies can be found at www.iso.org/members.html and www.iec.ch/national-committees.

Introduction

The ISO/IEC 19788 series specifies, in a rule-based manner, properties and their attributes for the description of learning resources. This includes the rules governing the identification of properties and the specification of their attributes. These properties may be used to form the description of a learning resource, i.e. as a metadata learning resource (MLR) record described in ISO/IEC 19788-8:2015 *Data elements for MLR records*.

This document uses the property specification model and framework provided in ISO/IEC 19788-1:2024 to describe the properties of Dublin Core ISO 15836-1:2017 *Core elements*[1] and ISO 15836-2:2019 *Properties and classes*[2] so that they can be used with other properties of ISO/IEC 19788 series, addressing specific user communities' needs for extensions, modularization or refinement.

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

Part 2: Dublin Core properties

1 Scope

This document provides a set of properties for the description of learning resources from ISO 15836-1 and ISO 15836-2 using the framework provided in ISO/IEC 19788-1. This document specifies properties whose codomain is "literal" (as considered in early Dublin Core) and properties whose codomain is a resource class; the ISO 15836 series implicitly allowing both. This provides full interoperability at the time of expressing existing Dublin Core records with MLR, while allowing a linked data approach for the description of learning resources.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC 19788-1:2024, *Information technology for learning, education and training — Metadata for learning resources — Part 1: Framework*

3 Terms and definitions

For the purposes of this document, the terms and definitions ISO/IEC 19788-1 apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

4 Symbols and abbreviated terms

BCP	Best Current Practice
DC	Dublin Core
DCMI	Dublin Core Metadata Initiative
DOI	Digital Object Identifier
ISAN	International Standard Audiovisual Number
ISBN	International Standard Book Number
ISIN	International Securities Identification Number