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

Part 3: Basic application profile

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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 ISO 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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This document was prepared by Technical Committee [or Project Committee] , , [name of committee], Subcommittee SC .

This edition cancels and replaces the edition (ISO :), which has been technically revised.

The main changes are as follows:

A list of all parts in the ISO series can be found on the ISO website.

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.

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Introduction

This document uses the property specification model and framework provided in ISO/IEC 19788-1:2024 to describe a basic application profile as a recommended approach to enhance interoperability among learning resource repositories. Processing a query for learning resources in a given format requires that format information be available in all descriptions being searched. Likewise, searching or sorting based on a date can only be done when a common format such as ISO 8601-2:2019/Amd 1:2025is used in all sets.

This application profile is intended as an example and a best practice guide that can be developed by communities adding properties from other authorities or communities, including the *IEEE Standard for Learning Object Metadata* (LOM) [1]for extensions, modularization or refinement purposes.

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

Part 3:
Basic application profile

1 Scope

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 record*.

This document is intended to help implementers with a starting point for adopting the ISO/IEC 19788-1:2024framework by defining an application profile that lists properties and rules, mostly taken from ISO/IEC 19788-2:2011/Amd 1:2016. In addition, it adds, as examples, three locally defined properties and one vocabulary.

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 8601-2:2019/Amd 1:2025, *Date and time — Representations for information interchange — Part 2: Extensions — Amendment 1: Canonical expressions, extensions to time scale components and date time arithmetic*

ISO 15836-1:2017, *Information and documentation — The Dublin Core metadata element set — Part 1: Core elements*

ISO 15836-2:2019, *Information and documentation — The Dublin Core metadata element set — Part 2: DCMI Properties and classes*

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

ISO/IEC 19788-2:2011/Amd 1:2016, *Information technology — Learning, education and training — Metadata for learning resources — Part 2: Dublin Core elements — Amendment 1: Non-literal content value data elements*

ISO/IEC 19788-8:2015, *Information technology — Learning, education and training — Metadata for learning resources — Part 8: Data elements for MLR records*

3 Terms and definitions

For the purposes of this document, the *following terms and definitions given in ISO/IEC 19788-1:2024*.

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

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

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

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