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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 25100.2-2025

**Information and documentation - The Dublin Core metadata
element set - Part 2: DCMI properties and classes**

信息与文献 都柏林核心元数据元素集 第2部分：DCMI属性和类

(English Translation)

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents".

Drafting.

This document is Part 2 of GB/T 25100 "Information and Documentation Dublin Core Metadata Elements". GB/T 25100 has been...

The following sections were published.

---Part 1: Core Elements;

---Part 2: DCMI Attributes and Classes.

This document is modified to adopt ISO 15836-2:2019 "Information and Documentation - Dublin Core Metadata Elements - Part 2: DCMI".

Sex and class.

This document has undergone the following structural adjustments compared to ISO 15836-2:2019.

---Chapter 3 corresponds to section 3.1 of ISO 15836-2:2019;

---Chapter 4 corresponds to section 3.4 of ISO 15836-2:2019;

---Chapter 5 corresponds to section 3.2 of ISO 15836-2:2019;

---Chapter 6 corresponds to 3.3 in ISO 15836-2:2019;

---Chapter 7 corresponds to Chapter 4 in ISO 15836-2:2019.

The technical differences between this document and ISO 15836-1:2017, and the reasons therefor, are as follows.

---The normative reference ISO 15836-1 (see Chapters 3 and 7) has been replaced by GB/T 25100.1 for use in my country;

---The terms and definitions of "parent class" and "parent attribute" have been added (see 3.12, 3.14) to clearly define "subclass" and "sub attribute";

---Clauses not included in the scope have been removed, as their content was not highly relevant to this document;

The following editorial changes have been made to this document.

---Notes and footnotes in the scope, and Examples 1 and 5 in the language attribute have been removed;

---The URLs for the ISO and IEC terminology databases have been removed from the terminology and definitions section;

---Added detailed source information for sources in 3.1, 3.7, 3.11, 3.12, 3.13, and 3.14;

---Some examples in versions 5.11, 5.12, 5.14, 5.21, and 5.35 have been modified;

---Some notes in sections 5.12, 5.15, 5.21, 5.26, 5.35, and 5.50 have been revised;

---The Getty Geographical Dictionary [TGN] has been replaced with GB/T 2260-2007 and GB/T 10114-2003;

---The informative reference ISO 8601 has been replaced by GB/T 7408, and GB/T 4880.2-2000 or GB/T 4880.3-2009 have been used.

The informative references to ISO 639-2 and ISO 639-3 have been replaced.

---References in Appendix A that are not closely related to the content of this document have been removed.

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed and is under the jurisdiction of the National Technical Committee on Information and Documentation Standardization (SAC/TC4).

Introduction

GB/T 25100, "Information and Documentation. Dublin Core Metadata Element Set," aims to construct a universal metadata set covering various types of resources.

This specification aims to standardize the description methods and metadata elements of digital information, thereby achieving a unified description of resources nationwide and promoting the development of digital resources.

The process of standardizing and regulating the source.

GB/T 25100 is proposed to consist of two parts.

---Part 1: Core Elements. The aim is to establish a set of core metadata elements suitable for describing cross-domain resources.

---Part 2: DCMI Attributes and Classes. The aim is to establish a complete cross-domain resource description vocabulary, including DCMI meta-elements.

According to the terminology, all attributes and classes in the main namespace.

The attributes and classes described in this document are intended to be used in conjunction with metadata terms in other compatible vocabularies within the context of the specified application outline.

Used. These attributes and classes are represented in the form of an RDF vocabulary and applied to related data. Each attribute and class has a global identifier.

The symbol is used for RDF data. It is also the creator of non-RDF metadata, in non-RDF scenarios such as XML, JSON, UML, and relational databases.

This thesaurus is used by ignoring global identifiers and term definitions in RDF form. Such users are interested in definitions, usage notes, and examples.

For natural language text, domain, range, sub-attributes, and subclass relationships are considered as usage suggestions.

Information and Documents Dublin Core Metadata Element Set Part 2: DCMI Attributes and Classes

1 Scope

This document constructs a thesaurus of Dublin Core Metadata Terminology (hereinafter referred to as "DCMI Metadata Terminology") to enable cross-domain resource description.

Description. It includes all attributes and classes in the DCMI metadata terminology main namespace (hereinafter referred to as "namespace terms/"), and related information.

See the 2012 DCMI recommended document "DCMI Metadata Terminology"

(DCMI-TERMS and Appendix A). These attributes and classes...

The URI identifier (see Appendix B) is applied to the associated data.

This document is applicable to the description of various resources in the context of information resource organization.

This document does not provide implementation guidelines; these elements are typically defined or specified by the application framework based on local or community needs and policies.

use.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included.

For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies.

This document.

GB/T 25100.1 Information and Documents - Dublin Core Metadata Elements Set - Part 1: Core Elements (GB/T 25100.1-2025, ISO 15836-1:2017, MOD)

3 Terms and Definitions

The terms and definitions defined in GB/T 25100.1 and the following terms and definitions apply to this document.

class

A collection of resources.

Note: Members of a class are called instances of the class. Classes themselves are resources, typically identified by a URI and described using RDF attributes. The `rdf.type` attribute is used for...

The resource is declared to be an instance of a class.

domain

The class to which the resource (3.10) instance described by the term belongs.

[Source. DCMI Metadata Terms] 3.3 domain scope domain includes the attribute (3.7) is a suggested class for the object to which it applies.