

ICS 01.140.20

CCS A 14



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

GB/T 19688-2022

Replacing GB/T 19688.1-2005, GB/T 19688.2-2005, GB/T 19688.3-2005, GB/T 19688.4-2005, GB/T 19688.5-2009

**Information and documentation - Bibliographic data element
directory for use in data exchange and enquiry**

Issued on: December 30, 2022

Implemented on: July 1, 2023

**Issued by: State Administration for Market Regulation, China National
Standardization Administration**

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foreword

This document follows the rules of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1. Structure and Drafting Rules for Standardization Documents"

drafting.

This document replaces GB/T 19688.1-2005 "Information and Bibliography Data Metadata Part 1. Inter-loan Application",

GB/T 19688.2-2005 "Information and bibliography data metadata part 2. interview application", GB/T 19688.3-2005

"Information and Bibliography Data Metacatalog Part 3. Information Retrieval", GB/T 19688.4-2005 "Information and Bibliography Data

Metacatalogue Part 4. Circulation Applications" and GB/T 19688.5-2009 "Information and Bibliography Data Metacatalog Part 5. Compilation

Compared with the above-mentioned series of standards, except for structural adjustment and editorial changes, the main technical changes of "Data Element for Metadata Interchange" are as follows.

- a) Added and changed data elements to adapt to the development of new technologies;
- b) Integrate multiple business links such as mutual loan, acquisition, information retrieval, circulation and cataloging of library and information institutions;
- c) describes, in the form of a catalog, the resources applicable to end users or institutions for resource acquisition, resource description, cataloging, retrieval, borrowing or reproduction

Data elements in the process.

This document is equivalent to ISO 8459.2009 "Information and Document Data Exchange and Query Object Data Meta Catalog".

This document adds a chapter "Normative References".

Please note that some contents of this document may refer to patents. The issuing agency of this document assumes no responsibility for identifying patents.

Introduction

This document describes the information required for data exchange between target systems (i.e. terminal or browser to computer, or computer to computer).

data element. The purpose of data exchange is to start or support a process, in order to meet the requirements of transferring information in it, exchange various

Data elements must be fully understood by the relevant processes.

This document is a resource tool for interoperability between standards in the object and library domains. It serves to coordinate the various

Standards, including content schemas, protocols, profiles, and models. To this end, data elements are defined at different levels according to different protocols and modes.

The focus of this document is to provide common definitions for the data elements exchanged in intersystem protocol messages.

System developers often adopt multiple standards so that they can implement in their database design through defined interrelationships and definitions

Dynamic interoperability.

This document will also be used as the basis for the new standard. Link directly to existing standards in the domain by inheriting data element names and definitions

Together, the new standard can be effectively realized.

This file contains several examples and synonyms intended to facilitate its translation into other languages.

This document carries out the necessary checks, updates, and then merges the data elements in the previous version of GB/T 19688 (all parts) into a single

A set of elements that supersedes the preceding sections.

This document has no normative references, and the resources referenced and used in the preparation of this document have been specified in the references.

This document contains old data elements that are still valid today as well as new data elements related to new resources. It is divided into two basic parts.

- a) a data element catalog (clause 4), in which data elements are grouped in different classes and subclasses, each data element has a serial number, and give data element descriptions, examples and synonyms;
- b) Alphabetical table (Chapter 5), which lists data elements, synonyms, Chinese and English names of examples, data element names, and categories in Chinese pinyin order. and subclass name.

The standards listed in the references are examples of data elements in this document.

The references also include protocols and schemas for validating data elements and concepts in this document.

Information and Documentation Data Exchange and Query
metadata directory

1 Scope

This document describes metadata in the form of a catalog, and these data elements are suitable for resource acquisition, resource description, cataloging,

The process of retrieving, borrowing, or copying.

This document includes data elements that are exchanged or potentially exchanged in the target system, and excludes data elements that are not exchanged or cannot be exchanged, nor

The data elements processed by the transport protocol only include data elements related to the application-level protocol.

As part of the integration phase, this document generally divides data elements into classes and subclasses and presents them in two orders, one according to

Classes and subclasses, and the other in alphabetical order. Alphabetical order includes those determined during the integration phase, in the relevant exchange agreements and examples and synonyms found in patterns.

Since the grouping of data elements may vary between different protocols and recording modes, the data elements are basically classified into groups, but not

No further frames were created. Likewise, the order of the data elements, whether one of the data elements is required, and how it is formed and verified, are

may vary according to its specific application, and thus such data element attributes are outside the scope of this document.

With the development of new interoperability methods, some new data elements will

continue to be generated, but the biggest changes usually exist in existing data element divisions.

in a group way. For example, regardless of whether a procurement transaction is conducted manually or electronically, the basic data elements of the transaction --- requester, supplier

The objects of vendor and procurement remain the same, and in fact most of the data elements in this document originated decades ago. In order to accommodate the potential of data element grouping

In terms of variation, this document attempts to identify common concepts across processes. For example, focusing on end-user delivery services, grouping various delivery methods into one group,

In this way, purchase, borrowing, and interlibrary loan are offered as alternative processes. Therefore, identifying common concepts across all these processes

concept, is necessary for the development of seamless user interfaces.

2 Normative references

This document has no normative references.

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1

interview

The work or service of adding to or updating a library or documentation center's collections in accordance with institutional collection policies.

3.2

address address

A data tuple of the address or location of a geographic or numerical resource associated with a person or institution.

3.3

attribute attribute

A characteristic or characteristic of a subject or a collection.