

ICS 35.040
CCS A 14



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

GB/T 35433-2017

**Information and documentation -- Registry services for libraries
and related organizations**

信息与文献 图书馆及相关组织的注册服务
(English Translation)

Issued on: December 29, 2017

Implemented on: April 1, 2018

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China, Standardization
Administration of the People's Republic of China**

Table of Contents

Preface	
Introduction	
1 Scope	
2 Normative references	
3 Terms and Definitions	
4 Description	
5 Registered object registryobject	
6 Actors Party	
7 Resource Collection Colection	
8 Activity	
9 Service	
10 Access policy	
11 Service Description	
12 Protocol information	
13 Global data elements globalelements	
14 Record details	
Appendix A (Normative) Data Elements Sorted by Chinese Pinyin	
Appendix B (Informative) General Principles for the Construction of Registries	
Appendix C (Informative) Case 1. Registers of Libraries and Related Organizations	
Appendix D (Informative) Case 2. Resource Set Service Registration	
Appendix E (Informative Appendix) Case 3. Institutional Knowledge Base Registration Service of the Documentation and Information Center of the Chinese Academy of Sciences	
Appendix F (Informative) Dublin Core Resource Set Application Outline	
Appendix G (Informative) Related Standards	
Appendix H (Informative) Data Element English Index Table	
Reference	

Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the redrafted law to amend the use of ISO 2146:2010 "Registration Services for Information and Documentation Libraries and Related Organizations." with

regard to normative references, this standard has made adjustments with technical differences to adapt to the technical conditions in China and adjust the situation set.

This is reflected in Chapter 2, "Normative References," and is specifically adjusted as follows.

--- Replace ISO 3166-1:1997 with GB/T 2659-2000 modified to adopt international standards (see 7.3.10.3 and 13.1.4.3);

--- Instead of ISO 639-2:1998 (see 13.9), GB/T 4880.2-2000 is modified by adopting international standards.

This standard has made some editorial changes.

--- Modify the term ordering in Chapter 3;

--- In accordance with a simple and complex form of the 4.6 data types in the order of adjustment, the basic data types on the front;

--- Data type added sub-class (see 4.6.8);

--- Added a description of the 5.4.3 unstructured name attribute;

--- In order to enhance legibility, while retaining the original standard outside China example, some domestic examples have been added;

--- In accordance with the Chinese text to modify the normative Appendix A;

--- Increased dataability Appendix E, Cases of Institutional Knowledge Base Registration Service of the Documentation and Information Center of the Chinese Academy of Sciences;

--- Added informative Appendix H, data element English index table, to facilitate the use of search.

This standard is proposed and managed by the National Information and Documentation Standardization Technical Committee (SAC/TC4).

Introduction

The purpose of this standard is to provide the library and its related organizations with a standardized description of the registered objects in the network environment. Regulatory registration object four the rules for the registration of derivative types (behaviors, resource sets, activities, and services) so that libraries and related organizations can to register related resources and services, and other libraries and related organizations can use standard protocols to invoke and share related resource sets and services.

Interoperability between heterogeneous systems now promotes the embedding and mutual invocation of resource sets and services, and supports the collection of resources for

libraries and related organizations in China.

Register, publish, manage, query, share, and integrate services.

The data element directories defined in this standard are object-oriented, machine-readable, and support the extension of the registered object framework, allowing self-definition New data elements and description specifications. In addition, this standard also provides a series of examples and demonstration applications to encourage libraries and related organizations to Standards apply to specific service and registration scenarios.

Information and literature Registration services for libraries and related organizations

1 Scope

This standard specifies a list of data metafiles, data types, data attributes, frequency of occurrences, and dates for a number of libraries and related organization registrations.

Beam conditions. Established rules for a registry running in a network environment for the cross-application and cross-domain management of libraries and related organizations its resource set, publication information, and documentation services provide the required actors, resource sets, activities, and service information.

This standard proposes a data element directory. As a framework, this data element catalog can be used to collect relevant data, and other registrations Service sharing data. When you need to be part of an automated business process, you can access the registration data, publish it electronically, or print it using standard protocols Version of the registration information, and archived only the electronic version of the registration data.

This standard applies to national and regional level registrations.

This standard can be used for the following library and related organization business needs.

- Resource management system and digital storage;
- retrieval services, including directory or index, joint metadata repository and metadata search portal;
- Provide services, including the management of permanent identifiers, access control, and interlibrary loan;
- Reference services, including reference management systems and virtual reference services;
- Registration of resource management systems and digital storage.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article. For undated references, the latest version (including all amendments) applies to this document.

GB/T 2659-2000 Name codes of countries and regions in the world (eqvISO 3166-1:1997)
GB/T 4880.2-2000 Language Name Code Part 2. 3-letter Code (eqvISO 639-2:1998) GB/T 7408-2005 Information Element and Exchange Format Information Exchange Date and Time Representation (ISO 8601:2000, IDT) GB/T 12406-2008 Code for Currency and Funds (ISO 4217:2001, IDT)

3 Terms and Definitions

The following terms and definitions apply to this document.

Code

Another form of expression such as letters, words or phrases is usually more concise than the original form.

Word

A meaningful language unit consisting of one or more characters.

Interlibrary loan;ILL Lending or copying services between two libraries representing end users.