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

GB/T 18391.5-2009

Replacing GB/T 18391.5-2001

**Information technology -- Metadata registries (MDR) -- Part 5:
Naming and identification principles**

信息技术 元数据注册系统(MDR) 第5部分：命名和标识原则

(English Translation)

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Foreword

GB/T 18391 "Information technology - Metadata registries (MDR)" is divided into six sections.

--- Part 1. Framework;

--- Part 2. Classification;

--- Part 3. Registry metamodel and basic attributes;

--- Part 4. data definitions is formed;

--- Part 5. Naming and identification principles;

--- Part 6. Registration.

This section GB/T 18391 Part 5, identical with ISO/IEC 11179-5:2005 "Information technology Metadata Registry (MDR) - Part 5. Naming and identification principles" (in English), only editorial changes.

This Part replaces GB/T 18391.5-2001 "Information technology - Specification and standardization of data elements - Part 5. Data element name and identification principles." this section compared with the GB/T 18391.5-2001 The main changes are as follows.

--- Name changed to. "Information technology - Metadata registries (MDR) - Part 5. Naming and identification principles";

--- Terms and Definitions section Added "key management", "Naming Conventions" and

other terms, and delete the "Registry identifier", "version logo Fu "and other terms;

--- Delete the original standard Chapter 7, "classification vocabularies Application Guide";

--- Appendix A adds a number of examples to illustrate the principles of naming and logo, the original Appendix B to the "Asian language naming convention example" Appendix C of the original is deleted.

This section of the Appendix A, Appendix B are informative appendices.

This part is proposed by the China National Institute of Standardization.

This part of the National Information Technology Standardization Technical Committee (SAC/TC28) centralized.

This section is responsible for drafting the China National Institute of Standardization.

1 Scope

GB/T 18391 in this section gives the following naming and identity management items explanatory. data element concepts, conceptual domains, data elements and range. This section describes the components and structure identification. Accurately define the purpose of these identities, in order to uniquely identify the registered Item management system. This section also describes the MDR naming, given the principles and rules formed naming conventions, and gives the name

Example agreed. In the name of the principles described herein mainly applied to data element concept, the concept of a domain name, and the range of data elements. This section "Administrative items" used herein, refers to these four. This section should establish the management items and properties, classifications, definitions and rules and registration procedures those parts used in common.

Appendix A gives an example of the English term. However, when the term is used for the name of the appropriate control, the aim is to make it

These rules of language is also effective in other countries, even those who are using the ideographic languages such as Japanese, Chinese or Korean. Appendix B to an Asian language version of the rules.

Naming rules do not include the establishment of a semantically equivalent in different languages naming rules. In establishing semantic equivalence, it must be named by the other Methods to supplement, such as ontology or controlled vocabulary.

2 Normative references

The following documents contain provisions which, through reference GB/T 18391 in this section constitute provisions of this section. For dated reference documents Member, all

subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 18391.1 Information technology - Metadata registries (MDR) - Part 1. Framework (GB/T 18391.1-2009, ISO/IEC 11179-1:2004, IDT) GB/T 18391.2 Information technology - Metadata registries (MDR) - Part 2. Classification (GB/T 18391.2-2009, ISO/IEC 11179-2:2005, IDT) GB/T 18391.3 Information technology - Metadata registries (MDR) - Part 3. Registry metamodel and basic attributes (GB/T 18391.3-2009, ISO/IEC 11179-3:2003, IDT) GB/T 18391.6 Information technology - Metadata registries (MDR) - Part 6. Registration (GB/T 18391.6-2009, ISO/IEC 11179-6:2005, IDT)

3 Terms and Definitions

The following terms and definitions apply to this part of the GB/T 18391 of.

By managing records registration records management information.

[GB/T 18391.3-2009, the definition 3.3.1] 3.2 A name or define a domain to be used.

[GB/T 18391.3-2009, the definition 3.3.30] GB/T 18391.5-2009/ISO/IEC 11179-5:2005