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

GB/T 30541-2014

**Document management -- Electronic content/document
management (CDM) data interchange format**

文献管理 电子内容/文档管理 (CDM) 数据交换格式

(English Translation)

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Table of Contents

Preface
Introduction
1 Scope
2 Normative references
3 Terms and definitions
4 Symbols and abbreviations
5 XML-based data exchange format
5.1 Overview
5.2 XML for content/document management data
CDM specific DTD 5.3 for data exchange
--- One example 5.4 DTD on behalf of CDM data
Reference

Foreword

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

This standard uses the translation method identical with ISO 22938:2008 "document management Electronic content/document management (CDM) data interchange format Style "(in English).

Correspondence between the consistency of the standards of international documents and normative references of the following documents.

--- GB/T 20225-2006 Electronic imaging - Vocabulary (ISO 12651:1999, MOD) this Standard Document Imaging Technology by the National Standardization Technical Committee (SAC/TC86) and focal points.

Introduction

This standard specifies a consistent format for data exchange, data contained in the electronic content/document management (Content /DocumentManagement, CDM) systems, including document and its associated resources, and kept by the management system or the search index value. Such standards should facilitate the accurate exchange of CDM data, that is, the standard requires that the data should not be irreversibly modified or blocked not allowed to put a reconstructed original data format. Therefore, this standard does not select a particular data format and designated for CDM exchange standards.

Rather, the standard specifies a generic tag format that is based on XML (Extensible Markup Language, Extensible Markup Language), which encapsulates all forms of CDM data. DTD (DocumentTypeDefinition, text document type definition) describes the CDM used for data conversion XML tags. XML format is the W3C (World Wide Web Consortium) 1998 Month adopted standards. XML is extensible, so that can be easily updated as appropriate DTD specify more CDM format.

This standard is intended to be a way for content/document management system users and manufacturers have benefited way to define the content exchange standards. certain these potential benefits are as follows.

- 1) document information from a standards-compliant export CDM system to another follows the standard CDM system.
- 2) CDM between different systems within an enterprise (because of their own choice, substitution or merger/acquisition and other reasons) will be able to exchange or integration CDM information.

Defined in this standard in line with this goal. between too general and too bound to find a balance. This standard should be broad enough to include all common types of information, and the expected future CDM and CDM systems possible. On the other hand, this standard also should have enough Limited, so that manufacturers in the CDM follow standard does not much difficulty.

Document management - Electronic content/document management (CDM) data interchange format

1 Scope

This standard defines the content/document management (Content/DocumentManagement, CDM) as well as the exchange of relevant data Resources.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

ISO 12651 Electronic Imaging Glossary (Electronicimaging-Vocabulary)

3 Terms and Definitions

ISO 12651 define the following terms and definitions apply to this document.

Documentation document XML contains content and associated metadata stream.

Rendering rendition

Electronic code page content.

4 Symbols and Abbreviations

The following symbols and abbreviations apply to this document.

CDM Content/Document Management (Content/DocumentManagement) DTD Document Type Definition (DocumentTypeDefinition) W3C World Wide Web Consortium (WorldWideWebConsortium) WWW World Wide Web (WorldWideWeb) XML Extensible Markup Language (ExtensibleMarkupLanguage)

5.1 Overview

Document exchange format for electronic documents is an application of XML. XML is extensible, flexible, platform-independent format, has been Been adopted as a standard W3C (W3C terminology in official described as "recommended").

The main purpose of this standard is between different document management systems are not suitable exchange method for exchanging data. This standard can be seen as the development of other basic platform XML-based exchange standards, to ensure that the entire document management in the field of a common framework.