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**System för terminologi-, kunskaps- och innehållshantering –
Uppbyggnad, implementering, underhåll och drift av
terminologihanteringssystem (ISO 26162:2012, IDT)**

**Systems to manage terminology, knowledge and content –
Design, implementation and maintenance of terminology
management systems (ISO 26162:2012, IDT)**

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The International Standard ISO 26162:2012 has the status of a Swedish Standard. This document contains the official version of ISO 26162:2012.

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Information about the content of the standard is available from the Swedish Standards Institute (SIS), telephone +46 8 555 520 00. Standards may be ordered from SIS Förlag AB, who can also provide general information about Swedish and foreign standards.

Denna standard är framtagen av kommittén för Terminologi och språkliga resurser, SIS/TK 115.

Har du synpunkter på innehållet i den här standarden, vill du delta i ett kommande revideringsarbete eller vara med och ta fram andra standarder inom området? Gå in på www.sis.se - där hittar du mer information.

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 26162 was prepared by Technical Committee ISO/TC 37, *Terminology and other language and content resources*, Subcommittee SC 3, *Systems to manage terminology, knowledge and content*.

Introduction

Terminological data are collected, managed and stored in a wide variety of terminology management systems (TMSs). TMSs employ a variety of database management systems, ranging from personal computer applications for individual users to client server applications or Web-based applications operated by major companies and governmental agencies. Terminological data collections (TDCs) are based on various kinds of data models and consist of different sets of data categories (Data Category Selections, DCSs). To facilitate co-operation and to prevent duplication of work, it is important to develop standards and guidelines for creating and using TDCs as well as for sharing and exchanging data.

ISO/TC 37 has published the following standards in order to facilitate the exchange of terminological data and to create an integrated approach to be used in analysing an existing TDC and in designing new ones: ISO 704, ISO 12620, ISO 16642.

Having some acquaintance with these documents before reading this International Standard would be beneficial.

This International Standard gives guidance on choosing the relevant data categories, as well as designing and implementing a data model and a user interface for a TMS, taking into account the intended user group. The guidelines described in this International Standard are indispensable for the successful development of a TMS and for avoiding costly errors. This International Standard may be used for choosing the appropriate TMS for a certain purpose.

Systems to manage terminology, knowledge and content — Design, implementation and maintenance of terminology management systems

1 Scope

This International Standard specifies criteria for designing, implementing and maintaining terminology management systems (TMSs).

This International Standard provides information about the rationale for using a TMS, types of users and users' needs, steps in designing and implementing a TMS, as well as the tasks of organizing and managing a terminological data collection (TDC). It also provides guidelines for selecting and using data categories for managing terminology in various environments.

This International Standard is intended for terminologists, software developers and others who are involved in the process of developing or acquiring a TMS.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 704, *Terminology work — Principles and methods*

ISO 12620, *Terminology and other language and content resources — Specification of data categories and management of a Data Category Registry for language resources*

ISO 16642, *Computer applications in terminology — Terminology markup framework*

ISO 30042, *Systems to manage terminology, knowledge and content — TermBase eXchange (TBX)*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1 Resources

3.1.1

terminological resource

terminological data collection

TDC

text or data resource consisting of **terminological entries** (3.1.4)

NOTE Adapted from ISO 24613:2008.