SLOVENSKI STANDARD
SIST EN 29069:1997

01-december-1997

Information processing - SGML support facilities - SGML Document Interchange Format (SDIF) (ISO 9069:1988)

Information processing - SGML support facilities - SGML Document Interchange Format (SDIF) (ISO 9069:1988, ed. 1)

Informationsverarbeitung - SGML-Unterstützungsmöglichkeiten - SGML-Austauschformat (SDIF) (ISO 9069:1988, Ausg. 1)

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Traitement de l'information - Bureautique - Format d'échange de document SGML (SDIF) (ISO 9069:1988, éd. 1)

Ta slovenski standard je istoveten z: EN 29069:1990

ICS:

35.240.30	Uporabniške rešitve IT v informatiki, dokumentiranju in založništvu	IT applications in information, documentation and publishing

SIST EN 29069:1997   **en**

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EUROPEAN STANDARD

NORME EUROPEENNE

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EN 29 069

CEN/CS F12

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Key words: Data processing, information interchange, documents, formats SGML

English version

Information processing - SGML support facilities -
-SGML Document Interchange Format (SDIF)

Traitement de l'information - Bureautique - Format d'échange de document SGML (SDIF)	Informationsverarbeitung - SGML-Unterstützungsmöglichkeiten - SGML-Austauschformat (SDIF)

This European Standard was accepted by CEN on 1990-03-09 and is identical to the ISO standard as referred to.
CEN members are bound to comply with the requirements of the CEN/CENELEC Common Rules which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to CEN Central Secretariat has the same status as the official versions.

CEN members are the national standards organizations of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue Bréderode 2, B-1000 Brussels

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REPUBLIKA SLOVENIJA
MINISTRSTVO ZA ZNANOST IN TEHNOLOGIJO
Urad RS za standardizacijo in meroslovje
LJUBLJANA
SIST...... EN 29069 ....
PREVZET PO METODI RAZGLASITVE

-12- 1997

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BRIEF HISTORY

The Technical Board has decided to submit the International Standard

Information processing - SGML   support   facilities - SGML   Document
Interchange Format (SDIF)

to the Formal Vote.

For the time being, this document exists only in the English version.

According to the CEN/CENELEC Common Rules, the following countries
are bound to implement this standard:

Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland,
Ireland, Italy, Luxemburg, Netherlands, Norway, Portugal, Spain,
Sweden, Switzerland, United Kingdom.

STATEMENT

The text of the International Standard ISO 9069, 1st edition, 1988,
was approved by CEN as a European Standard without any modification.

INTERNATIONAL STANDARD

**ISO
9069**

First edition
1988-09-15

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION
ORGANISATION INTERNATIONALE DE NORMALISATION
МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ

Information Processing — SGML Support Facilities — SGML Document Interchange Format (SDIF)

Traitement de l'information — Bureautique — Format d'échange de document SGML (SDIF)

Reference number
ISO 9069 : 1988 (E)

ISO 9069:1988(E)

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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75% approval by the member bodies voting.

International Standard ISO 9069 was prepared by Technical Committee ISO/TC97, *Information processing systems.*

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

Annex A is for information only.

ISO 9069:1988(E)

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INTERNATIONAL STANDARD   ISO 9069 : 1988 (E)

Information Processing — SGML Support Facilities — SGML Document Interchange Format (SDIF)

1 Scope

This International Standard specifies a data structure known as the SGML Document Interchange Format (SDIF). SDIF enables a document conforming to ISO 8879, which might be stored in several entities, to be packed into a data stream for interchange in a manner that will permit the recipient to reconstitute the separate entities.

SDIF also allows related documents to be included in the data stream, such as covering letters, transmittal forms, catalog cards, formatting procedures, or the "document profile" required by a document architecture.

2 Field of application

The SGML Document Interchange Format shall be used solely for the interchange of SGML documents, as defined in ISO 8879, among SGML systems.

Interchange can be by means of data communications in Open Systems Interconnection or other environments, or by the exchange of storage media.

3 References

ISO 2022, *Information processing — ISO 7-bit and 8-bit coded character sets — Code extension techniques*.

ISO 8879, *Information processing -- Text and office systems — Standard Generalized Markup Language (SGML)*.

This International Standard uses formal syntax productions to define SDIF precisely. These are expressed in ASN.1, which is defined in the following International Standards:

ISO 8824, *Information processing systems — Open Systems Interconnection — Specification of Abstract Syntax Notation One (ASN.1)*.

ISO 8825, *Information processing systems — Open Systems Interconnection — Specification of basic encoding rules for Abstract Syntax Notation One (ASN.1)*.

4 Definitions

For the purposes of this International Standard, the definitions used in ISO 8879, and the following definitions, apply.

4.1   data stream character set: The character set used for all document markup in an SDIF data stream, and for all SDIF names and SDIF identifiers.

4.2   document descriptor: A component of an SDIF data stream that contains an SGML document entity and entity descriptors for all external entities that are directly or indirectly referenced from it.

4.3   document profile: A transmittal form, defined by a document architecture or application, that describes the characteristics of a conforming document that are relevant to its management or interchange.