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

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

Withdrawing

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.

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Contents

1	Scope	1
2	Field of application	1
3	References	1
4	Definitions	1
5	Description of the data stream	2
5.1	Organization of the data stream	2
5.2	Data stream character set	2
5.3	SDIF name	3
5.4	Document descriptor	3
5.4.1	Included entities	3
5.4.2	Document character set	3
5.5	SDIF identifier	3
5.6	Entity descriptor	4
6	Abstract data stream format	4
7	Encoding rules	5
Annex		
A	Relation to other standards	6
A.1	Message-handling standards	6
A.2	Office Document Architecture (ODA)	6
A.3	OSI Presentation Services	6
A.3.1	Object identifiers	6
A.3.1.1	Abstract syntax	6
A.3.1.2	Transfer syntax	6
A.3.2	OSI Document Type Definition	7
A.3.2.1	Identifier	7
A.3.2.2	Descriptor value	7
A.3.2.3	Parameter syntax	7
A.3.2.4	Scope and field of application	7
A.3.2.5	References	7
A.3.2.6	Abbreviations	7
A.3.2.7	Document semantics	8
A.3.2.8	Abstract syntactic structure	8
A.3.2.9	Definition of transfer	8
A.3.2.10	ASE-specific operations	8

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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.

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)*.

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)*.

4 Definitions