

INTERNATIONAL STANDARDIZED PROFILE

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Information technology — International Standardized Profiles ADFnn — Document Filing and Retrieval (DFR) —

Part 1:

Introduction to the DFR ISP

*Technologies de l'information — Profils normalisés internationaux ADFnn
— Classement et recherche documentaire (DFR) —*

Partie 1: Introduction aux ISP DFR



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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1. In addition to developing International Standards, ISO/IEC JTC 1 has created a Special Group on Functional Standardization for the elaboration of International Standardized Profiles.

An International Standardized Profile is an internationally agreed, harmonized document which identifies a standard or group of standards, together with options and parameters, necessary to accomplish a function or a set of functions.

Draft International Standardized Profiles are circulated to national bodies for voting. Publication as an International Standardized Profile requires approval by at least 75 % of the national bodies casting a vote.

International Standardized Profile ISO/IEC ISP 12069-1 was prepared with the collaboration of

- Asia-Oceania Workshop (AOW);
- European Workshop for Open Systems (EWOS);
- Open Systems Environment Implementors' Workshop (OIW).

ISO/IEC ISP 12069 consists of the following parts, under the general title *Information technology — International Standardized Profiles ADFnn — Document Filing and Retrieval (DFR)*:

- *Part 1: Introduction to the DFR ISP*
- *Part 2: Specification of ROSE, RTSE, ACSE, Presentation and Session protocols for use by DFR*
- *Part 3: ADF11 — Common Document Filing and Retrieval — Read Only Profile*

Annex A forms an integral part of this part of ISO/IEC ISP 12069.

Introduction

This International Standardized Profile is defined within the context of functional standardization, in accordance with the principles specified by ISO/IEC TR 10000, "Framework and Taxonomy of International Standardized Profiles." The context of functional standardization is one part of the overall field of Information Technology (IT) standardization activities, covering base standards, profiles, and registration mechanisms. A profile defines a combination of base standards that collectively perform a specific well-defined IT function. Profiles standardize the use of options and other variations in the base standards, and provide a basis for the development of uniform, internationally recognized system tests.

One of the most important roles for an ISP is to provide the basis for the development (by organizations other than ISO and IEC) of internationally recognized tests. ISPs are produced not simply to "legitimize" a particular choice of base standards and options, but to promote real system interoperability. The development and widespread acceptance of tests based on this and other ISPs is crucial to the successful realization of this goal.

This ISP was harmonized among three international Workshops; the North American OSE Implementors' Workshop (OIW), the European Workshop for Open Systems (EWOS) (jointly with the corresponding expert group for the European Telecommunications Standards Institute - ETSI) and the Asia - Oceania Workshop (AOW).

Information technology - International Standardized Profiles ADFnn - Document Filing and Retrieval (DFR) -

Part 1:

Introduction to the DFR ISP

1 Scope

1.1 General

ISO/IEC ISP 12069 defines a series of International Standardized Profiles for ISO/IEC 10166:1991 Document Filing and Retrieval (DFR).

This part of ISO/IEC ISP 12069 contains the overall specifications of the DFR functionality which are generally not appropriate for consideration only from the perspective of a single DFR profile. Detailed specifications which vary according to each DFR application functions are described in Part 3 and the following parts of ISO/IEC ISP 12069.

In addition, this part of ISO/IEC ISP 12069 includes the specification of BASIC REQUIREMENTS, which are required to be supported by all DFR implementations, and a number of optional FUNCTION GROUPS, which cover significant discrete areas of related functionality which are not required to be supported by all implementations.

1.2 Document structure of ISO/IEC ISP 12069

This part is the first part, as common text, of a multipart ISP.

ISO/IEC ISP 12069 consists of the following parts:

- Part 1 : Introduction to the DFR ISP
- Part 2 : Specification of ROSE, RTSE, ACSE, Presentation, and Session Protocols for use by DFR
- Part 3 : ADF11 - Common Filing and Retrieval - Read Only Profile
- Part 4 : ADF12 - Common Filing and Retrieval - Archiving Profile
- Part 5 : ADF13 - Common Filing and Retrieval - Document Store Manipulation

Profile

- Part 6 : ADF21 - Remote Store Management - Simple Management Profile
- Part 7 : ADF22 - Remote Store Management - Full Management Profile

2 Normative References

The following documents contain provisions which, through reference in this text, constitute provisions of this part of ISO/IEC ISP 12069. At the time of publication, the editions indicated were valid. All documents are subject to revision, and parties to agreements based on this part of ISO/IEC ISP 12069 are warned against any automatically applying more recent editions of the documents listed below, since the nature of references made by ISPs to such documents is that they may be specific to a particular edition. Members of IEC and ISO maintain registers of currently valid International Standards, and ISPs, and ITU maintains published editions of its current Recommendations.

ISO/IEC TR 10000-1:1995,	<i>Information technology - Framework and taxonomy of International Standardized Profiles - Part 1: General principles and documentation framework.</i>
ISO/IEC TR 10000-2:1995,	<i>Information technology - Framework and taxonomy of International Standardized Profiles - Part 2: Principles and Taxonomy of ISO profiles..</i>
ISO/IEC 10166-1:1991,	<i>Information technology - Text and office systems - Document Filing and Retrieval(DFR) - Part 1: Abstract service definition and procedures.</i>
ISO/IEC 10166-1:1991/Amd.1:1995,	<i>Information technology - Text and office systems - Document Filing and Retrieval(DFR) - Part 1: Abstract service definition and procedures - Amendment 1: Minor Enhancements.</i>
ISO/IEC 10166-1:1991/Amd.2:1996,	<i>Information technology - Text and office systems - Document Filing and Retrieval(DFR) - Part 1: Abstract service definition and procedures - Amendment 2: Combined usage of DFR and DTAM.</i>
ISO/IEC 10166-1:1991/Cor.1:1994,	<i>Information technology - Text and office systems - Document Filing and Retrieval(DFR) - Part 1: Abstract service definition and procedures -</i>