JTC1

INTERNATIONAL STANDARDIZED PROFILE

ISO/IEC ISP 10607-5

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AMENDMENT 1
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Information technology — International Standardized Profiles AFTnn — File Transfer, Access and Management —

Part 5:
AFT22 — Positional File Access Service (flat)

AMENDMENT 1: Additional specifications for COBOL document types

Technologies de l'information — Profil normalisé international AFTnn — Transfert, accès et gestion de fichier —

Partie 5: AFT22 — Service d'accès au fichier positionnel (plat)

AMENDEMENT 1: Spécifications additionnelles relatives aux types de documents COBOL

Reference number
ISO/IEC ISP 10607-5:1991/Amd.1:1994(E)

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 or 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 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 10607-5/Amd.1 was prepared with the collaboration of

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

ISO/IEC ISP 10607 consists of the following parts, under the general title *Information technology – International Standardized Profiles AFTnn – File Transfer, Access and Management*:

- *Part 1: Specification of ACSE, Presentation and Session Protocols for the use by FTAM*

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- *Part 2: Definition of document types, constraint sets and syntaxes*
- *Part 2: Definition of document types, constraint sets and syntaxes – Amendment 1: Additional definitions*
- *Part 3: AFT11 – Simple File Transfer Service (unstructured)*
- *Part 4: AFT12 – Positional File Transfer Service (flat)*
- *Part 5: AFT22 – Positional File Access Service (flat)*
- *Part 6: AFT3 – File Management Service*

Introduction

This amendment specifies additional specifications of AFT22 – Positional File Access Service (flat).

Information technology — International Standardized Profiles AFTnn — File Transfer, Access and Management —

Part 5:

AFT22 — Positional File Access Service (flat)

AMENDMENT 1: Additional specifications for COBOL document types

1 Scope

This amendment makes no changes to clause 1.

2 Normative references

Add the following references at the end of clause 2.

ISO/IEC ISP 10607-1:1990/Amd.1:1994, *Information technology – International Standardized Profiles AFTnn – File Transfer, Access and Management – Part 1: Specification of ACSE, Presentation and Session Protocols for the use by FTAM – Amendment 1: Additional specifications for COBOL document types.*

ISO/IEC ISP 10607-2:1990/Amd.2:1994, *Information technology – International Standardized Profiles AFTnn – File Transfer, Access and Management – Part 2: Definition of document types, constraint sets and syntaxes – Amendment 2: Additional definitions for COBOL document types.*

ISO/IEC ISP 10607-4:1991/Amd.1:1994, *Information technology – International Standardized Profiles AFTnn – File Transfer, Access and Management – Part 4: AFT12 – Positional File Transfer Service (flat) – Amendment 1: Additional specifications for COBOL document types.*

3 Definitions

This amendment makes no changes to clause 3.

4 Abbreviations

This amendment makes no changes to clause 4.

5 Conformance

This amendment makes no changes to clause 5.

6 Virtual filestore

This amendment makes no changes to clause 6.

7 File protocol

Append the following to table 8, page 8.

Table 8 - FADU identities for document types

FADU Identity / Constraint Set	Begin	End	First	Last	Current	Next	Previous	Node Seq	Node Number
FTAM ordered flat constraint set	o	o	o	o	o	o	o	o	o
INTAP-4	m	i	i	i	m	m	i	m	i
FTAM ordered flat constraint set with unique names	o	o	–	–	o	o	o	o	i
INTAP-3	m	m	–	–	m	m	m	m	i
INTAP-5	m	i	–	–	m	m	i	m	i
INTAP sequential flat constraint set	o	o	o	o	o	o	o	–	o
INTAP-2	m	m	m	i	m	m	i	–	i

Annex A
(normative)

ISPICS Requirements List for ISO/IEC ISP 10607-5(AFT22)

A.9 Abstract syntaxes

Append to table A.9, page 11.

	Object Descriptor	Object Identifier	D	I	R
12	INTAP abstract syntax AS2	{iso member-body 392 ftam(10) abstract-syntax(3) intap-as2(2)}	–	c	c
13	INTAP node name abstract syntax (INTAP-AS3)	{iso member-body 392 ftam(10) abstract-syntax(3) intap-node-name(3)}	–	c	c

A.10 Virtual filestore

Append to table A.10.3.1, page 14.

CONSTRAINT SET NAME	D	I	R	DEPTH
INTAP sequential flat	–	o	o	–

Append to table A.10.3.2.2, page 14.

	ACTION	INTAP sequential flat D	R
1	Locate	–	m
2	Read	–	m
3	Insert	–	o
4	Replace	–	o
5	Extend	———	
6	Erase	–	m

Append to table A.10.3.2.3, page 14.

	ACCESS CONTEXT	INTAP sequential flat D	R
1	US	———	
2	UA	–	m
3	FS	———	
4	FL	———	
5	FA	–	m
6	HN	———	
7	HA	–	o

A.13 Document types

Append to table A.13, page 34.

	Entry number	INTAP-2	D	I	R
13	Object descriptor Object identifier	INTAP-2 sequential file {iso member-body 392 ftam(10) document-type(2) sequential-file(2)}	–	o	o

	Entry number	INTAP-3	D	I	R
14	Object descriptor Object identifier	INTAP-3 relative file {iso member-body 392 ftam(10) document-type(2) relative-file(3)}	–	o	o

	Entry number	INTAP-4	D	I	R
15	Object descriptor Object identifier	INTAP-4 indexed file {iso member-body 392 ftam(10) document-type(2) indexed-file(4)}	–	o	o

	Entry number	INTAP-5	D	I	R
16	Object descriptor Object identifier	INTAP-5 indexed file with unique keys {iso member-body 392 ftam(10) document-type(2) indexed-file-with-unique-keys(5)}	–	o	o

Append to A.13, after A.13.10.4, page 42.

A.13.11 INTAP-2

A.13.11.1 Record significance parameter

		D	I	R
1	Record significance parameter supported	–	m	m
2	Variable length records supported	–	o	o
3	Fixed length records supported	–	m	m

A.13.11.2 Parameter1

			D	I	R
1	Parameter1 supported		–	m	m
2	Integer	– Universal class 2	–	m	m
3	IA5String	– Universal class 22	–	m	m
4	GraphicString	– Universal class 25	–	m	m
5	GeneralString	– Universal class 27	–	m	m
6	OctetString	– Universal class 4	–	m	m

A.13.11.3 Parameter2

		D	I	R
1	Parameter2 supported	–	m	m

A.13.12 INTAP-3

A.13.12.1 Record significance parameter

		D	I	R
1	Record significance parameter supported	–	m	m
2	Variable length records supported	–	o	o
3	Fixed length records supported	–	m	m