



doc. nr.	ISO/IEC JTC1/SGFS N 925	
date	1993-05-27	total pages
item nr.		supersedes document

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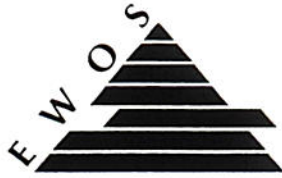
Title:	ISO/IEC JTC1/SGFS
	ISO/IEC JTC1 Special Group on Functional Standardization
Secretariat:	NNI (Netherlands)

Title : Taxonomy Substructuring Principles - The Directory

Source : EWOS

Status : For discussion during the SGFS Plenary Meeting, July 5-9, 1993,
Seoul, Korea

Note :



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From: EWOS/EG DIR
To: EWOS/TA
Date: 1993-05-04
Status: For approval before sending to SGFS

Taxonomy Substructuring Principles - The Directory



doc.nr. ISO/IEC JTC1/SGFS N	
date 1993-04-16	total pages 2
item nr.	supersedes document

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ISO/IEC JTC1/SGFS	
Title:	ISO/IEC JTC1 Special Group on Functional Standardization
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Source: EWOS
Date: April 1993
Status: For action by Editor of TR 10000-2

Taxonomy Substructuring Principles - The Directory

In response to SGFS N620, EWOS submits the following contribution for TR 10000-2 clauses 5.5.3.4.3 and 5.5.4.3.4.

5.5.3.4.3 Directory

Profiles for the Directory, based on the use of ISO/IEC 9594 and the corresponding CCITT X.500 Recommendations fall into two classes:

- Protocol and associated procedures
- Schema and contents

The first of these is represented by the ADInn series of Profiles, the second by the FDInn series (see 5.5.4.3.4)

Within the ADInn series, three classes are currently defined which relate to the protocol for accessing The Directory from Directory User Agents, the protocol for interworking between Directory System Agents within The Directory, and procedures for distributed operation of The Directory.

A fourth class is under study to handle the topic of strong authentication - for instance the use of Public Key Cryptography in The Directory.

Subcategorisation relates to support for mechanisms related to the distinct rôles of Directory User Agents and Directory System Agents, responders and initiators.

5.5.4.3.4 Directory Data Definitions

The Directory Data Definition Format (FDI) Profiles specify the properties of Object Classes, Attribute Types, and Attribute Syntaxes related to the use of the Directory Application Profiles (ADInn - see 5.5.3.4.3). Two types of usage are covered - common usage relevant to all such cases, and specific usage relevant to particular Application Profiles.

[Unchanged except for addition of cross reference to ADInn]