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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

*Technologies de l'information — Bureautique — Classement et récupération de
documents (DFR) —*

Partie 1: Procédures et définition de service abstrait

AMENDEMENT 2: Usage combiné de DFR et DTAM



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Foreword

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Amendment 2 to International Standard ISO/IEC 10166-1:1991 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 18, *Document processing and related communication*.

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Part 1:

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AMENDMENT 2: Combined usage of DFR and DTAM

Introduction

Add the following new paragraph as the last paragraph of the Introduction before NOTES.

Document Filing and Retrieval application can be combined with DTAM (Document Transfer And Manipulation). Both DTAM and DFR are applications that allow remote operations on any kind of document. While DFR is concerned with filing and retrieval of documents as a whole, manipulating inner parts of a document is in the scope of DTAM. When there is a need to manipulate documents and parts of documents that are kept within the Document Store, the combined use of DFR and DTAM services is applied.

Subclause 3.1.8

Add a new subclause with following text.

3.1.8 The following terms are used with the meanings defined in ITU-T Recommendation T.435.

DTAM-DM-Protocol

DTAM-DM port

DTAM-DM Server

Subclause 3.2.14 DFR/DTAM-Server and 3.2.15 DFR/DTAM-User

Add new subclauses 3.2.14 DFR/DTAM-DM-server and 3.2.15 DFR/DTAM-DM-user with following text, and renumber subsequent subclauses accordingly.

3.2.14 DFR/DTAM-DM-server: That part of the application defined in this International Standard that supplies the combined usage of DFR and DTAM-DM.

3.2.15 DFR/DTAM-DM-user: The consumer of services supplied by a *DFR/DTAM-DM-server*. At any time it is acting for a security subject and takes on the privileges of that security subject.

Clause 4 Abbreviations

Add the following abbreviation to the bottom of the abbreviation list.

DTAM	Document Transfer And Manipulation
DTAM-DM	DTAM enhanced document manipulation

Subclause 6 DFR Abstract Model

Add the following text and Figure 1.1 at the bottom of subclause 6.

The DFR/DTAM-DM environment comprises two atomic objects, the DFR/DTAM-DM-server and the DFR/DTAM-DM-user. The DFR/DTAM-DM-server acts as a provider of services to the DFR/DTAM-DM-user. The DFR/DTAM-DM-server is described using an abstract model in order to define the service provided by the DFR/DTAM-DM-server - the DFR/DTAM-DM abstract service. Figure 1.1 shows the model.

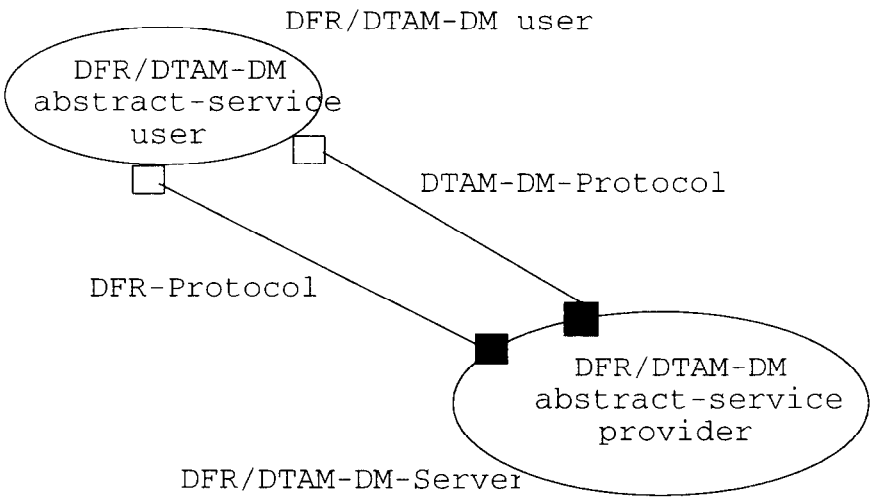


Figure 1.1 — DFR/DTAM-DM Abstract-service

Subclause 6.1 Objects in DFR Environment

Add the following new paragraphs at the bottom of subclause 6.1.

The DFR/DTAM-DM-server is modelled as an atomic object. It supplies the DFR port and the DTAM-DM port abstract-services to the DFR/DTAM-DM-user. The definition of the DFR/DTAM-DM-server object is as follows:

```
dfr-dtam-dm-server    OBJECT
                      PORTS { dfr-port [S], dtam-dm-port [S] }
                      ::= id-dfr-dtam-dm-server
```