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Information Technology — Multimedia Framework — Part 5: Rights Expression Language — Working Draft

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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.

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International Standard ISO/IEC 15938-5 was prepared by Joint Technical Committee ISO/IEC JTC 1, *JTC*, Subcommittee SC 29.

This second/third/... edition cancels and replaces the first/second/... edition (), [clause(s) / subclause(s) / table(s) / figure(s) / annex(es)] of which [has / have] been technically revised.

ISO/IEC 21000 consists of the following parts, under the general title *Information Technology — Multimedia Framework*:

Part 1: Proposed Draft Technical Report - Vision, Technologies and Strategy

Part 2: Digital Item Declaration

Part 3: Digital Item Identification & Description

Part 4: IPMP

Part 5: Rights Expression Language

Part 6: Rights Data Dictionary

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Introduction

This standard, also known as "Multimedia Framework," standardizes …

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Information Technology — Multimedia Framework — Part 5: Rights Expression Language — Working Draft (WD)

1 Scope

1.1 Organization of the document

Editor's Note: This section needs to be developed.

2 Normative references

Editor's Note: This section needs to be developed.

3 Terms and definitions

3.1 Terminology

Editor's Note: This section needs to be developed.

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4 Rights Expression Language (REL)

This working draft has been produced following the 58th Meeting in Pattaya, December 2001.

During this meeting submissions to the CfP (N4335) and Requirements (N4336) where evaluated.

This evaluation process included review and comment by three independent MPEG experts. As a result of the comments from these experts one submission for the REL was selected as the working model for further work. The submission selected was M7640 from ContentGuard.

The process of review during the Pattaya meeting determined that while M7640 was best suited as the model to go forward the experts express concerns that elements of M7640 needed to be further evaluated to identify modification and additions to this REL to fully meet MPEG's requirements.

A series of Core Experiments will be undertaken between the 58th and 59th meeting to facilitate this process of modification and addition.

Editors Note : This document is provided in skeletal form for further addition and modification.

4.1 Architecture of the REL

The working assumption for the architecture of the REL is that this architecture will be based on the specification of m7640. The architecture will be modified and extended as a result of the ongoing development process of this standard.

- What does the architecture mean?
- The formal semantics
- Variables, quantifiers scope
- RDD Mapping
- Extensibility

4.2 Semantics of the REL

The working assumption for the semantics of the REL is that these semantics will be based on the specification of M7640. The semantics will be modified and added to as a result of the ongoing development process of this standard.

4.3 Syntax of the REL

The working assumption for the architecture of the REL is that this architecture will be based on the specification of M7640. The architecture will be modified and extended as a result of the ongoing development process of this standard.

Editor's Note: Concerns to be addressed. These include but are not limited to,
- Default interpretation of the element implicitly specified by the context
- 1 to 1 relationship between Semantic entities and syntactic elements
- Expression of UID
- Expression of roles
- Sequencing
- Inheritance of rights and permissions

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Annex A

(informative)

Patent Statements

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