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Information technology — Media context and control —

Part 7: Conformance and reference software

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by ISO/IEC Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

This third edition cancels and replaces the second edition (ISO/IEC 23005-7:2014), which has been technically revised.

A list of all parts in the ISO/IEC 23005 series can be found on the ISO website.

Introduction

This document specifies the conformance and reference software for the ISO/IEC 23005 series. The conformance and reference software serves three main purposes:

— validation of the written specification of the several parts of ISO/IEC 23005;

— clarification of the written specification of the several parts of ISO/IEC 23005;

— conformance testing for checking interoperability for the various applications against the reference software which aims to be compliant with ISO/IEC 23005.

Information technology — Media context and control —

Part 7:
Conformance and reference software

1 Scope

This document specifies the conformance and reference software implementing the normative clauses of all parts of ISO/IEC 23005. The information provided is applicable for determining the reference software modules available for the parts of ISO/IEC 23005, understanding the functionality of the available reference software modules, and utilizing the available reference software modules. The available reference software modules are specified in the form of application programming interfaces (API) according to ISO/IEC 23006-1.

Furthermore, this document provides means for conformance testing, i.e. bit-streams (XML descriptions) that conform or do not conform to the normative clauses of the other parts of ISO/IEC 23005 and informative descriptions thereof.

2 Normative references

The following documents are referred to in text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC 23005-2, *Information technology — Media context and control — Part 2: Control information*

ISO/IEC 23005-3, *Information technology — Media context and control — Part 3: Sensory information*

ISO/IEC 23005-4, *Information technology — Media context and control — Part 4: Virtual world object characteristics*

ISO/IEC 23006-1, *Information technology — Multimedia service platform technologies — Part 1: Architecture*