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Information technology — Dynamic adaptive streaming over HTTP (DASH) —

Part 2: Conformance and reference software

Technologies de l'information — Diffusion en flux adaptatif dynamique sur HTTP (DASH) —

Partie 2: Conformité et logiciel de référence



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

This third edition cancels and replaces the second edition (ISO/IEC 23009-2:2017), which has been technically revised.

The main changes compared to the previous edition are as follows:

- a) Test vectors, conformance and reference software to cover all the features of ISO/IEC 23009-5, including:
 - SAND HTTP conformance client;
 - SAND HTTP conformance server;
 - SAND WebSocket conformance server.
- b) Test vectors, conformance and reference software to cover all the features of ISO/IEC 23009-6, including:
 - Command line tool to validate of ABNF grammars.

A list of all parts in the ISO/IEC 23009 series can be found on the ISO website.

Introduction

The conformance and reference software of the ISO/IEC 23009 series serves three main purposes:

- validation of the written specification of the Parts of the ISO/IEC 23009 series;
- clarification of the written specification of the Parts of the ISO/IEC 23009 series;
- conformance testing for checking interoperability for the various applications against the reference software which aims to be compliant with the ISO/IEC 23009 series.