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Information technology — Coded representation of immersive media —

Part 24: Conformance and reference software for scene description

Technologies de l'information — Représentation codée de média immersifs —

Partie 24: Conformité et logiciel de référence pour la description de scènes

Reference number
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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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Foreword

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

A list of all parts in the ISO/IEC 23090 series can be found on the ISO and IEC websites.

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Introduction

The conformance and reference software of ISO/IEC 23090-14 serves following main purposes:

— Validation of the written specification of the parts of ISO/IEC 23090-14;

— Clarification of the written specification of the parts of ISO/IEC 23090-14;

— Conformance testing for checking interoperability for the various applications against the reference software which aims to be compliant with ISO/IEC 23090-14.

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Information technology — Coded representation of immersive media —

Part 24:
Conformance and reference software for scene description

1 Scope

This document specifies the conformance and reference software for ISO/IEC 23090-14.

2 Normative references

The following documents are referred to in the 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 23090-14:2023, *Information technology — Coded representation of immersive media — Part 14: Scene description*

ISO/IEC 12113, *Information technology — Runtime 3D asset delivery format — Khronos glTF™ 2.0*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO/IEC 23090-14 apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at https://www.electropedia.org/

3.1
glTF file
file conforming to ISO/IEC 12113

4 Reference software for ISO/IEC-23090-14 MPEG-I scene description

4.1 General

The reference software is available at: https://standards.iso.org/iso-iec/23090/-24/ed-1/en/.

An architectural diagram for the reference software is shown in Figure 1.

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