INTERNATIONAL STANDARD ISO/IEC 14496-27:2009/Amd.2:2011
TECHNICAL CORRIGENDUM 1

Published 2015-04-01

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION
INTERNATIONAL ELECTROTECHNICAL COMMISSION • МЕЖДУНАРОДНАЯ ЭЛЕКТРОТЕХНИЧЕСКАЯ КОМИССИЯ • COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

Information technology — Coding of audio-visual objects

Part 27:
3D Graphics conformance

AMENDMENT 2: Scalable complexity 3D mesh coding conformance

TECHNICAL CORRIGENDUM 1

Technologies de l'information — Codage des objets audiovisuels

Partie 27: Conformité aux graphiques 3D

AMENDEMENT 2: Conformité pour encodage de maille en 3D de complexité atteignable

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO/IEC 14496-27:2009 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

Replace 4.2.2.5.2.2 Test Bitstream

With the following

4.2.2.5.2.2 Test Bitstreams

ICS 35.040 **Ref. No. ISO/IEC 14496-27:2009/Amd.2:2011/Cor.1:2015(E)**

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Published in Switzerland

Files:

Model's properties: each model has coordinate, coordinate index, color, color index, normal, normal index, texCoord and texCoordIndex per vertex.

In the test name, the prefix *XX* indicates the input file name. In the files attached to this Part of ISO/IEC 14496, 3 Models are considered, cow, dance and eagle.

If a input file, cow.wrl, is tested under SVA mode, circular prediction and Bit precision coding

- Test Name: cow_S_Ci_BP
- Bitstream: cow_S_Ci_BP.s3d (some bitstreams contain *.mp4 files)
- Decoded file: Decoded_cow_S_Ci_BP.wrl

Test Name	Parameters	Bitstream (.s3d or .mp4)	Decoded file (.wrl)
XX_Q_No_FL	QBCR, no prediction, fixed length coding	XX_Q_No_FL	DECODED_XX_Q_No_FL
XX_Q_CD_EG	QBCR, circular prediction, Exponential Golomb entropy coding	XX _Q_CD_EG	DECODED_XX _Q_CD_EG
XX_Q_CD_AC	QBCR, circular prediction, Arithmetic coding	XX _Q_Cd_AC	DECODED_XX _Q_CD_AC
XX_Q_CD_BP	QBCR, circular prediction, Bit precision entropy coding	XX _Q_CD_BP	DECODED_XX _Q_CD_BP
XX_Q_CD_4C	QBCR, circular prediction, 4-bit entropy coding	XX _Q_Cd_4C	DECODED_XX _Q_CD_4C
XX_Q_Ad_EG	QBCR, adaptive prediction, Exponential Golomb entropy coding	XX _Q_Ad_EG	DECODED_XX _Q_Ad_EG
XX_Q_Ad_AC	QBCR, adaptive prediction, Arithmetic coding	XX _Q_Ad_AC	DECODED_XX _Q_Ad_AC
XX_Q_Ad_BP	QBCR, adaptive prediction, Bit precision entropy coding	XX _Q_Ad_BP	DECODED_XX _Q_Ad_BP
XX_Q_Ad_4C	QBCR, adaptive prediction, 4-bit entropy coding	XX _Q_Ad_4C	DECODED_XX _Q_Ad_4C
XX_Q_Xo_EG	QBCR, XOR prediction, Exponential Golomb entropy coding	XX _Q_ Xo _EG	DECODED_XX_Q_Xo _EG
XX_Q_ Xo _AC	QBCR, XOR prediction, Arithmetic coding	XX _Q_ Xo _AC	DECODED_XX _Q_Xo_AC
XX_Q_ Xo _BP	QBCR, XOR prediction, Bit precision entropy coding	XX _Q_ Xo _BP	DECODED_XX _Q_Xo_BP
XX_Q_ Xo _4C	QBCR, XOR prediction, 4-bit entropy coding	XX _Q_ Xo _4C	DECODED_XX _Q_Xo_4C
XX_Q_Di_EG	QBCR, differential prediction, Exponential Golomb entropy coding	XX _Q_ Di _EG	DECODED_XX _Q_ Di_EG
XX_Q_ Di _AC	QBCR, differential prediction, Arithmetic coding	XX _Q_ Di _AC	DECODED_XX _Q_ Di _AC
XX_Q_ Di _BP	QBCR, differential prediction, Bit precision entropy coding	XX _Q_ Di _BP	DECODED_XX _Q_ Di _BP
XX_Q_ Di _4C	QBCR, differential prediction, 4-bit entropy coding	XX _Q_ Di _4C	DECODED_XX _Q_ Di _4C
XX_S_CD_EG	SVA, circular prediction, Exponential Golomb entropy coding	XX _S_CD_EG	DECODED_XX _S_CD_EG

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