



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

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