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AMENDMENT 18
2008-12-15

Information technology — Coding of audio-visual objects —

Part 5: Reference software

AMENDMENT 18: Reference software for new profiles for professional applications

Technologies de l'information — Codage des objets audiovisuels —

Partie 5: Logiciel de référence

AMENDEMENT 18: Logiciel de référence pour les nouveaux profils pour les applications professionnelles

Reference number
ISO/IEC 14496-5:2001/Amd.18:2008(E)

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The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

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Amendment 18 to ISO/IEC 14496-5:2001 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

This Amendment provides reference encoding and decoding software for ISO/IEC 14496-10, *Advanced video coding*. Included in this software is support for the professional profiles (including the High10 Intra, High 4:2:2 Intra, High 4:4:4 Intra, CAVLC 4:4:4 Intra, and High 4:4:4 Predictive profiles) as well as support for the previously-existing profiles of ISO/IEC 14496-10 (the Baseline, Main, Extended, High, High 10, and High 4:2:2 profiles).

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Information technology — Coding of audio-visual objects —

Part 5:
Reference software

AMENDMENT 18: Reference software for new profiles for professional applications

Replace the following lines at the end of Clause 4:

video/natural/jm_86/ldecod	AVC Joint Model (reference 8.6): visual decoder in C
video/natural/jm_10_1	AVC Joint Model (reference 10.1): visual decoder in C includes support of fidelity range extensions as well as prior AVC profiles

with:

video/natural/jm_14_1	AVC Joint Model (reference 14.1): visual decoder in C includes support of professional profiles as well as the previously-existing AVC profiles

Replace the following lines at the end of A.2:

video/natural/jm_86/lencod	AVC Joint Model (reference 8.6): visual encoder in C
video/natural/jm_10_1	AVC Joint Model (reference 10.1): visual encoder in C includes support of fidelity range extensions as well as prior AVC profiles

with:

video/natural/jm_14_1	AVC Joint Model (reference 14.1): visual encoder in C includes support of professional profiles as well as the previously-existing AVC profiles

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