
**Information technology — Multimedia
framework (MPEG-21) —**

**Part 14:
Conformance Testing**

*Technologies de l'information — Cadre multimédia (MPEG-21) —
Partie 14: Essais de conformité*

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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. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

ISO/IEC 21000-14 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

ISO/IEC 21000 consists of the following parts, under the general title *Information technology — Multimedia framework (MPEG-21)*:

- *Part 1: Vision, Technologies and Strategy* [Technical Report]
- *Part 2: Digital Item Declaration*
- *Part 3: Digital Item Identification*
- *Part 4: Intellectual Property Management and Protection Components*
- *Part 5: Rights Expression Language*
- *Part 6: Rights Data Dictionary*
- *Part 7: Digital Item Adaptation*
- *Part 8: Reference Software*
- *Part 9: File Format*
- *Part 10: Digital Item Processing*
- *Part 11: Evaluation Tools for Persistent Association Technologies* [Technical Report]
- *Part 12: Test Bed for MPEG-21 Resource Delivery* [Technical Report]
- *Part 14: Conformance Testing*
- *Part 15: Event Reporting*
- *Part 16: Binary Format*
- *Part 17: Fragment Identification of MPEG Resources*
- *Part 18: Digital Item Streaming*

Information technology — Multimedia framework (MPEG-21) —

Part 14: Conformance Testing

1 Scope

This International Standard specifies conformance points and conformance tests for different parts of ISO/IEC 21000. Based on the various conformance points, it is identified which requirements defined in ISO/IEC 21000 apply to those conformance points. The tests are developed to ascertain whether a particular artifact (such as a piece of software or hardware or a document) meets all the requirements for a specific conformance point or not.

ISO/IEC 21000-14:2007 specifies conformance points and tests for ISO/IEC 21000-2:2005, ISO/IEC 21000-3:2003, ISO/IEC 21000-4:2006, ISO/IEC 21000-4:2006/Amd.1:2007, ISO/IEC 21000-5:2004, ISO/IEC 21000-5:2004/Amd.1:2007, ISO/IEC 21000-5:2004/Amd.2:2007, ISO/IEC 21000-7:2004, ISO/IEC 21000-7:2004/Amd.1:2006, ISO/IEC 21000-7:2004/Amd.2:2007, ISO/IEC 21000-9:2005, ISO/IEC 21000-10:2006, ISO/IEC 21000-10:2006/Amd.1:2006, ISO/IEC 21000-15:2006, ISO/IEC 21000-16:2005, and ISO/IEC 21000-17:2006.

2 Normative references

The following referenced documents are indispensable for the application 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 21000 (all parts), *Information technology – Multimedia framework (MPEG-21)*

Namespaces in XML, W3C Recommendation, 14 January 1999

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XML Information Set, W3C Recommendation, 24 October 2001

XML Base, W3C Recommendation, 27 June 2001

Canonical XML, Version 1.0, W3C Recommendation, 15 March 2001