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

**Part 3:
Digital Item Identification**

AMENDMENT 1: Related identifier types

Technologies de l'information — Cadre multimédia (MPEG-21) —

Partie 3: Identification des éléments numériques

AMENDEMENT 1: Types d'identificateurs liés

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Foreword

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member 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 shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to ISO/IEC 21000-3:2006 was prepared by Technical Committee ISO/IEC/TC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

This Amendment provides the ability to express the relationship between different identifiers in the context of MPEG-21 Digital Items and contains information on how to deal with varying levels of functional granularity with respect to the identification of Digital Items.

The Amendment also updates information on ISO 15706-2 (ISAN), which has recently been approved as an International Standard.

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Part 3: Digital Item Identification

AMENDMENT 3: Related identifier types

In Clause 1, insert new bullet between the 2nd and 3rd bullet with the following text:

- How to express the relationship between the two above identifiers;
- How to deal with varying levels of functional granularity for Digital Item identifiers;

Replace the entire text of subclause 1.1 with the following text:

This specification contains five Clauses and five Annexes:

The remainder of this Clause 1 contains an overview of MPEG-21 Digital Items and the relation between parts 2 and 3 of ISO/IEC 21000. Clauses 2 and 3 contain normative references and a list of applicable terms and definitions.

Clause 4 specifies how to uniquely identify Digital Items, how to associate related identifiers with Digital Items and how to identify different types of Digital Items. Clause 5 then specifies how to associate metadata with Digital Items by using description scheme identifiers.

Annex A contains criteria that need to be fulfilled by a Registration Authority that is required for the identification of Digital Items and their parts as specified in ISO/IEC 21000-3. Annex B contains an example of how to resolve a unique identifier to appropriate metadata. Annex C contains a list of existing identification schemes that can be used by this specification. Annex D provides an approach to dealing with varying functional granularities for identifying Digital Items. Finally, Annex E contains information of patent statements relating to ISO/IEC 21000-3. While Annex A is normative, Annexes B, C, D and E are informative.

In Clause 2, insert the following reference:

ISO/IEC 21000-6, *Information technology — Multimedia framework (MPEG-21) — Rights Data Dictionary*

In subclause 3.1, insert definition for the term “Functional Granularity” as follows:

The principle of Functional Granularity states that it shall be possible to uniquely identify a Digital Item whenever it needs to be distinguished from another Digital Item. Functional Granularity of identification can differ from User to User.

In subclause 3.1, insert definition for the term “Relator” as follows:

A term that describes the relationship between two entities.

NOTE This definition is equivalent to the definition in ISO/IEC 21000-6.