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INTERNATIONAL STANDARD

Multimedia systems and equipment – Multimedia E-publishing and E-books – Generic format for E-publishing

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This fourth edition cancels and replaces the third edition published in 2013. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) clarifying insufficiently clear descriptions;
b) deleting redundant statements;
c) ironing out mistakes and confusing terminologies.

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INTRODUCTION

Markets for multimedia e-book and e-publishing require standardization of formats for e-book data interchange among associated people; authors, data preparers, publishers and readers. The formats are classified into submission format, generic format and reader's format. The submission format has to support an interaction between authors and data preparers. The reader's format depends on e-publishing equipment. The generic format has to provide an interchange format for data preparers and publishers and therefore should be e-publishing equipment independent.

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MULTIMEDIA SYSTEMS AND EQUIPMENT – MULTIMEDIA E-PUBLISHING AND E-BOOKS – GENERIC FORMAT FOR E-PUBLISHING

1 Scope

This International Standard specifies a generic format for multimedia e-publishing employed for e-book data interchange among data preparers and publishers, satisfying a number of publishers requirements: revisable, extensible and heterogeneous logical structure.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 19757-2:2008, *Information technology – Document Schema Definition Language (DSDL) – Part 2: Regular-grammar-based validation – RELAX NG*

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multimedia e-book
multimedia content consisting of texts, graphics, sounds and/or videos

[SOURCE: IEC 62229:2006, 3.2]

3.2
data preparer
organization or person that prepares an e-book

Note 1 to entry: An editor is an example of a preparer.

[SOURCE: IEC 62229:2006, 3.3]

3.3
publisher
organization or person that issues and distributes an e-book