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Adoption of IEEE Std 1484.13.3(TM)-2014



Adoption of an  
IEEE Standard

STANDARDS  
Australia



# **Recommended practice for learning technology – ISO 21000-2:2005 Information technology – Multimedia framework (MPEG-21), Part 2: Digital Item Declaration mapping to the conceptual model for resource aggregation**

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**Recommended practice for  
learning technology – ISO  
21000-2:2005 Information  
technology – Multimedia  
framework (MPEG-21),  
Part 2: Digital Item  
Declaration mapping to the  
conceptual model for  
resource aggregation**

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## Preface

This Standard was prepared by the Australian member of the Joint Standards Australia/Standards New Zealand Committee IT-019, Information and Documentation, Information Technology - Learning, Education, Training and Research.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this document is to specify how the elements and attributes defined in ISO/IEC 21000-2, *Information technology — Multimedia framework (MPEG-21) — Part 2: Digital Item Declaration* relate to the components of the conceptual model for resource aggregation defined in AS IEEE 1484.13.1.

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# IEEE Recommended Practice for Learning Technology—ISO 21000-2:2005 Information Technology—Multimedia Framework (MPEG-21)—Part 2: Digital Item Declaration Mapping to the Conceptual Model for Resource Aggregation

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# **IEEE Recommended Practice for Learning Technology—ISO 21000-2:2005 Information Technology—Multimedia Framework (MPEG-21)—Part 2: Digital Item Declaration Mapping to the Conceptual Model for Resource Aggregation**

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Approved 27 March 2014

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**Grateful acknowledgement** is made to Revelytix, Inc. for making available the Knoodl<sup>®</sup> ontology tools that were used to aid in the development and maintenance of the ontology files.

**Abstract:** This recommended practice specifies how the elements and attributes defined in Multimedia Framework (MPEG-21)—Part 2: Digital Item Declaration relate to the components of the conceptual model for resource aggregation defined in IEEE Std 1484.13.1<sup>™</sup>-2012.

**Keywords:** aggregation format, conceptual model, content aggregation, digital aggregation, digital resource, IEEE 1484.13.3<sup>™</sup>, Moving Pictures Experts Group, MPEG-21, Multimedia Framework, RAMLET, resource aggregation, resource aggregation format

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## Introduction

This introduction is not part of IEEE Std 1484.13.3-2014, IEEE Recommended Practice for Learning Technology—ISO 21000-2:2005 Information Technology—Multimedia Framework (MPEG-21)—Part 2: Digital Item Declaration Mapping to the Conceptual Model for Resource Aggregation.

This recommended practice specifies the how the elements and attributes defined in ISO 21000-2:2005 Multimedia Framework—Part 2: Digital Item Declaration (MPEG-21 DID) relate to the components of the conceptual model for resource aggregation defined in IEEE Std 1484.13.1™-2012.

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## 1. Overview

### 1.1 Scope

This recommended practice specifies how the elements and attributes defined in ISO 21000-2:2005 Multimedia Framework—Part 2: Digital Item Declaration (MPEG-21 DID) relate to the components of the conceptual model for resource aggregation defined in IEEE Std 1484.13.1<sup>TM</sup>-2012.