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Recommended practice for learning technology — IETF RFC 4287 — Atom syndication format — 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 the Atom Syndication Format (Atom) relate to the components of the conceptual model for resource aggregation defined in AS IEEE 1484.13.1.

This document is identical with, and has been reproduced from, IEEE Std 1484.13.5—2013, *IEEE Recommended Practice for Learning Technology — IETF RFC 4287 — Atom Syndication Format — Mapping to the Conceptual Model for Resource Aggregation.*

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IEEE Recommended Practice for Learning Technology—IETF RFC 4287—Atom Syndication Format—Mapping to the Conceptual Model for Resource Aggregation

IEEE Computer Society

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Learning Technology Standards Committee

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IEEE Recommended Practice for Learning Technology— IETF RFC 4287—Atom Syndication Format—Mapping to the Conceptual Model for Resource Aggregation

Sponsor

Learning Technology Standards Committee
of the
IEEE Computer Society

Approved 31 October 2013

IEEE-SA Standards Board

Abstract: This recommended practice specifies how the elements and attributes defined in the Atom Syndication Format (Atom) relate to the components of the conceptual model for resource aggregation defined in IEEE Std 1484.13.1™-2012.

Keywords: aggregation format, Atom Syndication Format, conceptual model, content aggregation, digital aggregation, digital resource, IEEE 1484.13.5™, RAMLET, resource aggregation, resource aggregation format

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Participants

At the time this IEEE recommended practice was completed, the Resource Aggregation Models for Learning, Education, and Training (RAMLET) Working Group had the following membership:

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Introduction

This introduction is not part of IEEE Std 1484.13.5-2013, IEEE Recommended Practice for Learning Technology—IETF RFC 4287—Atom Syndication Format—Mapping to the Conceptual Model for Resource Aggregation.

This Recommended Practice specifies how the elements and attributes defined in Atom Syndication Format (Atom) relate to the components of the conceptual model for resource aggregation defined in IEEE Std 1484.13.1™–2012.

The Resource Aggregation Models for Learning, Education, and Training (RAMLET) Working Group would like to thank Revelytix, Inc., for making available the Knoodl® ontology tools that were used to aid in the development and maintenance of the ontology files.[a]

[a] Knoodl is a registered trademark of Revelytix, Inc. This information is given for the convenience of users of this recommended practice and does not constitute an endorsement by the IEEE of these products. Equivalent products may be used if they can be shown to lead to the same results.

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IEEE Recommended Practice for Learning Technology—IETF RFC 4287—Atom Syndication Format—Mapping to the Conceptual Model for Resource Aggregation

1. Overview

1.1 Scope

This recommended practice specifies how the elements and attributes defined in the Atom Syndication Format (Atom)[1] relate to the components of the conceptual model for resource aggregation defined in IEEE Std 1484.13.1™-2012.

1.2 Purpose

The mapping specified in this recommended practice may be used with the mappings of other resource aggregation formats to achieve interoperability among the formats via the conceptual model defined in IEEE Std 1484.13.1-2012.

[1] Information on references can be found in Clause 2.