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IEEE Standard

STANDARDS  
Australia



# Recommended practice for learning technology — Open archives initiative object reuse and exchange abstract model (OAI- ORE) — Mapping to the conceptual model for resource aggregation

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# **Recommended practice for learning technology — Open archives initiative object reuse and exchange abstract model (OAI-ORE) — 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 Open Archives Initiative Object Reuse and Exchange (OAI-ORE) Abstract Model and expressed in the OAI-ORE Resource Map Implementation in RDF/XML 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—Open Archives Initiative Object Reuse and Exchange Abstract Model (OAI–ORE)—Mapping to the Conceptual Model for Resource Aggregation

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# **IEEE Recommended Practice for Learning Technology—Open Archives Initiative Object Reuse and Exchange Abstract Model (OAI-ORE)—Mapping to the Conceptual Model for Resource Aggregation**

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Approved 16 February 2015

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## Grateful acknowledgments

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.

**Abstract:** Specified in this recommended practice are how the elements and attributes defined in the Open Archives Initiative Object Reuse and Exchange (OAI-ORE) Abstract Model and expressed in the OAI-ORE Resource Map Implementation in RDF/XML relate to the components of the conceptual model for resource aggregation defined in IEEE Std 1484.13.1™-2012.

**Keywords:** aggregation format, conceptual model, content aggregation, digital aggregation, digital resource, IEEE 1484.13.6, OAI-ORE, Open Archives Initiative Object Reuse and Exchange Abstract Model, RAMLET, resource aggregation, resource aggregation format

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## Introduction

This introduction is not part of IEEE Std 1484.13.6™-2015, IEEE Recommended Practice for Learning Technology—Open Archives Initiative Object Reuse and Exchange Abstract Model (OAI-ORE)—Mapping to the Conceptual Model for Resource Aggregation.

This recommended practice specifies how the elements and attributes defined in the Open Archives Initiative Object Reuse and Exchange (OAI-ORE) Abstract Model and expressed in the OAI-ORE Resource Map Implementation in RDF/XML 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 the Open Archives Initiative Object Reuse and Exchange (OAI–ORE) Abstract Model<sup>1</sup> and expressed in the OAI–ORE Resource Map Implementation in RDF/XML relate to the components of the conceptual model for resource aggregation defined in IEEE Std 1484.13.1<sup>TM</sup>-2012.

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<sup>1</sup> Information on references can be found in Clause 2.