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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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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.

This Standard is identical with, and has been reproduced from, IEEE Std 1484.13.6-2017, *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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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.

Contents

1. Overview	1
1.1 Scope	1
1.2 Purpose	2
2. Normative references.....	2
3. Definitions, acronyms, and abbreviations	2
3.1 Definitions	2
3.2 Acronyms and abbreviations	5
4. Special terms	6
5. Class and property prefix definitions.....	6
6. Conformance	6
6.1 Conforming aggregation instances	6
6.2 Conforming bindings.....	7
6.3 Conforming extensions of the OAI–ORE mapping ontology.....	7
6.4 Conforming transforming implementations.....	7
7. OAI–ORE mapping ontology classes.....	7
7.1 oai-ore:aggregation.....	8
7.2 oai-ore:aggregatedResource	8
7.3 oai-ore:proxy	8
7.4 oai-ore:resourceMap.....	9
8. OAI–ORE mapping ontology—object properties	9
8.1 dcterms:hasPart.....	10
8.2 dcterms:isPartOf.....	10
8.3 oai-ore:aggregates.....	10
8.4 oai-ore:describes.....	11
8.5 oai-ore:isAggregatedBy.....	11
8.6 oai-ore:isDescribedBy	11
8.7 oai-ore:lineage	12
8.8 oai-ore:proxyFor.....	12
8.9 oai-ore:proxyIn	13
8.10 oai-ore:similarTo	13
9. Additional classes.....	13
9.1 dctype:collection.....	14
9.2 rdfg:graph	14
Annex A (informative) Bibliography	15
Annex B (informative) Conceptual overview.....	16
Annex C (informative) The binding of the core and OAI–ORE mapping ontologies	17
Annex D (normative) Internet availability and use of the Turtle representation of the conceptual model and OAI–ORE mapping.....	18
Annex E (informative) Internet availability and use of the RDF/XML representations of the conceptual model and OAI–ORE mapping	19

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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 Model¹ 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 1484.13.1TM-2012.

¹ Information on references can be found in Clause 2.