AS 1484.13.6:2020
Adoption of IEEE Std 1484.13.6(TM)-2015

Adoption of an 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

This Australian Standard is an identical adoption of IEEE Std 1484.13.6-2015(TM), Copyright IEEE, and All rights reserved, 445 Hoes Lane Piscataway, NJ, USA. Reprinted pursuant to license agreement with IEEE. No part of this publication may be reproduced, in any form, without prior written consent of IEEE.
IEEE does not take responsibility, nor does it provide any warranty whatsoever neither expressed nor implied, for any conflicts that may occur or any errors made in any country-specific changes made to the document. In all cases, the IEEE version, published in English, shall serve as the official document. IEEE is a trademark of The Institute of Electrical and Electronics Engineers, Incorporated (IEEE), New York, New York, USA, used under license.

Documents
Document Sharing Hub

Full document details: AS 1484.13.6-2020

AS 1484.13.6:2020

This Australian Standard® was prepared by IT-019, Information and Documentation, Information Technology — Learning, Education, Training and Research. It was approved on behalf of the Council of Standards Australia on 19 November 2020.

This Standard was published on 18 December 2020.

The following are represented on Committee IT-019:

Australian Computer Society
Australian Library and Information Association
Council of Australian University Librarians
CSIRO
Education Services Australia
Flinders University
Macquarie University
Northern Territory Library
NSW Department of Education
Professional Scientists Australia
University of Southern Queensland

This Standard was issued in draft form for comment as DR AS IEEE 1484.13.6:2020.

Keeping Standards up-to-date

Ensure you have the latest versions of our publications and keep up-to-date about Amendments, Rulings, Withdrawals, and new projects by visiting:
www.standards.org.au

ISBN 978 1 76113 105 9

Documents
Document Sharing Hub

Full document details: AS 1484.13.6-2020

AS 1484.13.6:2020
Adoption of IEEE Std 1484.13.6(TM)-2015

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

First published as AS 1484.13.6:2020.

COPYRIGHT

© Standards Australia Limited 2020. Copyright pursuant to license agreement with IEEE.

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher, unless otherwise permitted under the Copyright Act 1968 (Cth).

Documents
Document Sharing Hub

Full document details: AS 1484.13.6-2020

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—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.*

As this document has been reproduced from an International Standard, the following applies:

(a) In the source text "this recommended practice" should read "this Australian Standard".

(b) A full point substitutes for a comma when referring to a decimal marker.

Australian or Australian/New Zealand Standards that are identical adoptions of international normative references may be used interchangeably. Refer to the online catalogue for information on specific Standards.

The terms "normative" and "informative" are used in Standards to define the application of the appendices or annexes to which they apply. A "normative" appendix or annex is an integral part of a Standard, whereas an "informative" appendix or annex is only for information and guidance.

Documents
Document Sharing Hub

© Standards Australia Limited 2020. Copyright pursuant to license agreement with IEEE.

Full document details: AS 1484.13.6-2020

NOTES

Documents
Document Sharing Hub

IEEE STANDARDS ASSOCIATION

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

IEEE Computer Society

Sponsored by the
Learning Technology Standards Committee

IEEE
3 Park Avenue
New York, NY 10016-5997
USA

IEEE Std 1484.13.6™-2015

Documents
Document Sharing Hub

Full document details: AS 1484.13.6-2020

Documents
Document Sharing Hub

Full document details: AS 1484.13.6-2020

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

Sponsor

Learning Technology Standards Committee
of the
IEEE Computer Society

Approved 16 February 2015

IEEE-SA Standards Board

Recognized as an American National Standard

Documents
Document Sharing Hub

Full document details: AS 1484.13.6-2020

Copyrights and permissions

Definitions in scope notes in Clause 7 and Clause 8 are reprinted from ORE Specification—Vocabulary, copyright 17 October 2008 http://www.openarchives.org/ore/1.0/vocabulary.html with permission from the Open Archives Initiative.

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

The Institute of Electrical and Electronics Engineers, Inc.
3 Park Avenue, New York, NY 10016-5997, USA

Copyright © 2015 by The Institute of Electrical and Electronics Engineers, Inc.
All rights reserved. Published 31 March 2015. Printed in the United States of America.

IEEE is a registered trademark in the U.S. Patent & Trademark Office, owned by The Institute of Electrical and Electronics Engineers, Incorporated.

Dublin Core is a trademark of the Dublin Core Metadata Initiative Limited (USPTO 2519654).

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.

W3C is a trademark (registered in numerous countries) of the World Wide Web Consortium; marks of W3C are registered and held by its host institutions MIT, ERCIM, Keio, and Beihang.

XML—Extensible Markup Language; Language by W3C—claimed as a trademark or generic term by MIT, ERCIM, and/or Keio on behalf of the W3C.

PDF: ISBN 978-0-7381-9557-5 STD20122
Print: ISBN 978-0-7381-9558-2 STDPD20122

IEEE prohibits discrimination, harassment, and bullying.
For more information, visit http://www.ieee.org/web/aboutus/whatis/policies/p9-26.html.
No part of this publication may be reproduced in any form, in an electronic retrieval system or otherwise, without the prior written permission of the publisher.

Documents
Document Sharing Hub

Full document details: AS 1484.13.6-2020

Important Notices and Disclaimers Concerning IEEE Standards Documents

IEEE documents are made available for use subject to important notices and legal disclaimers. These notices and disclaimers, or a reference to this page, appear in all standards and may be found under the heading "Important Notice" or "Important Notices and Disclaimers Concerning IEEE Standards Documents."

Notice and Disclaimer of Liability Concerning the Use of IEEE Standards Documents

IEEE Standards documents (standards, recommended practices, and guides), both full-use and trial-use, are developed within IEEE Societies and the Standards Coordinating Committees of the IEEE Standards Association ("IEEE-SA") Standards Board. IEEE ("the Institute") develops its standards through a consensus development process, approved by the American National Standards Institute ("ANSI"), which brings together volunteers representing varied viewpoints and interests to achieve the final product. Volunteers are not necessarily members of the Institute and participate without compensation from IEEE. While IEEE administers the process and establishes rules to promote fairness in the consensus development process, IEEE does not independently evaluate, test, or verify the accuracy of any of the information or the soundness of any judgments contained in its standards.

IEEE does not warrant or represent the accuracy or content of the material contained in its standards, and expressly disclaims all warranties (express, implied and statutory) not included in this or any other document relating to the standard, including, but not limited to, the warranties of: merchantability; fitness for a particular purpose; non-infringement; and quality, accuracy, effectiveness, currency, or completeness of material. In addition, IEEE disclaims any and all conditions relating to: results; and workmanlike effort. IEEE standards documents are supplied "AS IS" and "WITH ALL FAULTS."

Use of an IEEE standard is wholly voluntary. The existence of an IEEE standard does not imply that there are no other ways to produce, test, measure, purchase, market, or provide other goods and services related to the scope of the IEEE standard. Furthermore, the viewpoint expressed at the time a standard is approved and issued is subject to change brought about through developments in the state of the art and comments received from users of the standard.

In publishing and making its standards available, IEEE is not suggesting or rendering professional or other services for, or on behalf of, any person or entity nor is IEEE undertaking to perform any duty owed by any other person or entity to another. Any person utilizing any IEEE Standards document, should rely upon his or her own independent judgment in the exercise of reasonable care in any given circumstances or, as appropriate, seek the advice of a competent professional in determining the appropriateness of a given IEEE standard.

IN NO EVENT SHALL IEEE BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO: PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE PUBLICATION, USE OF, OR RELIANCE UPON ANY STANDARD, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE AND REGARDLESS OF WHETHER SUCH DAMAGE WAS FORESEEABLE.

Translations

The IEEE consensus development process involves the review of documents in English only. In the event that an IEEE standard is translated, only the English version published by IEEE should be considered the approved IEEE standard.

Documents
Document Sharing Hub

Full document details: AS 1484.13.6-2020

Official statements

A statement, written or oral, that is not processed in accordance with the IEEE-SA Standards Board Operations Manual shall not be considered or inferred to be the official position of IEEE or any of its committees and shall not be considered to be, or be relied upon as, a formal position of IEEE. At lectures, symposia, seminars, or educational courses, an individual presenting information on IEEE standards shall make it clear that his or her views should be considered the personal views of that individual rather than the formal position of IEEE.

Comments on standards

Comments for revision of IEEE Standards documents are welcome from any interested party, regardless of membership affiliation with IEEE. However, IEEE does not provide consulting information or advice pertaining to IEEE Standards documents. Suggestions for changes in documents should be in the form of a proposed change of text, together with appropriate supporting comments. Since IEEE standards represent a consensus of concerned interests, it is important that any responses to comments and questions also receive the concurrence of a balance of interests. For this reason, IEEE and the members of its societies and Standards Coordinating Committees are not able to provide an instant response to comments or questions except in those cases where the matter has previously been addressed. For the same reason, IEEE does not respond to interpretation requests. Any person who would like to participate in revisions to an IEEE standard is welcome to join the relevant IEEE working group.

Comments on standards should be submitted to the following address:

Secretary, IEEE-SA Standards Board
445 Hoes Lane
Piscataway, NJ 08854 USA

Laws and regulations

Users of IEEE Standards documents should consult all applicable laws and regulations. Compliance with the provisions of any IEEE Standards document does not imply compliance to any applicable regulatory requirements. Implementers of the standard are responsible for observing or referring to the applicable regulatory requirements. IEEE does not, by the publication of its standards, intend to urge action that is not in compliance with applicable laws, and these documents may not be construed as doing so.

Copyrights

IEEE draft and approved standards are copyrighted by IEEE under U.S. and international copyright laws. They are made available by IEEE and are adopted for a wide variety of both public and private uses. These include both use, by reference, in laws and regulations, and use in private self-regulation, standardization, and the promotion of engineering practices and methods. By making these documents available for use and adoption by public authorities and private users, IEEE does not waive any rights in copyright to the documents.

Photocopies

Subject to payment of the appropriate fee, IEEE will grant users a limited, non-exclusive license to photocopy portions of any individual standard for company or organizational internal use or individual, non-commercial use only. To arrange for payment of licensing fees, please contact Copyright Clearance Center, Customer Service, 222 Rosewood Drive, Danvers, MA 01923 USA; +1 978 750 8400. Permission to photocopy portions of any individual standard for educational classroom use can also be obtained through the Copyright Clearance Center.

Documents
Document Sharing Hub

Full document details: AS 1484.13.6-2020

Updating of IEEE Standards documents

Users of IEEE Standards documents should be aware that these documents may be superseded at any time by the issuance of new editions or may be amended from time to time through the issuance of amendments, corrigenda, or errata. An official IEEE document at any point in time consists of the current edition of the document together with any amendments, corrigenda, or errata then in effect.

Every IEEE standard is subjected to review at least every ten years. When a document is more than ten years old and has not undergone a revision process, it is reasonable to conclude that its contents, although still of some value, do not wholly reflect the present state of the art. Users are cautioned to check to determine that they have the latest edition of any IEEE standard.

In order to determine whether a given document is the current edition and whether it has been amended through the issuance of amendments, corrigenda, or errata, visit the IEEE-SA Website at http://ieeexplore.ieee.org/xpl/standards.jsp or contact IEEE at the address listed previously. For more information about the IEEE-SA or IEEE's standards development process, visit the IEEE-SA Website at http://standards.ieee.org.

Errata

Errata, if any, for all IEEE standards can be accessed on the IEEE-SA Website at the following URL: http://standards.ieee.org/findstds/errata/index.html. Users are encouraged to check this URL for errata periodically.

Patents

Attention is called to the possibility that implementation of this standard may require use of subject matter covered by patent rights. By publication of this standard, no position is taken by the IEEE with respect to the existence or validity of any patent rights in connection therewith. If a patent holder or patent applicant has filed a statement of assurance via an Accepted Letter of Assurance, then the statement is listed on the IEEE-SA Website at http://standards.ieee.org/about/sasb/patcom/patents.html. Letters of Assurance may indicate whether the Submitter is willing or unwilling to grant licenses under patent rights without compensation or under reasonable rates, with reasonable terms and conditions that are demonstrably free of any unfair discrimination to applicants desiring to obtain such licenses.

Essential Patent Claims may exist for which a Letter of Assurance has not been received. The IEEE is not responsible for identifying Essential Patent Claims for which a license may be required, for conducting inquiries into the legal validity or scope of Patents Claims, or determining whether any licensing terms or conditions provided in connection with submission of a Letter of Assurance, if any, or in any licensing agreements are reasonable or non-discriminatory. Users of this standard are expressly advised that determination of the validity of any patent rights, and the risk of infringement of such rights, is entirely their own responsibility. Further information may be obtained from the IEEE Standards Association.

Documents
Document Sharing Hub

Full document details: AS 1484.13.6-2020