Resources

Selected ORE Implementations, Demonstrations, and Tools

Australian Partnership for Sustainable Repositories
A demonstration of ORE utilizing Resource Maps to integrate the Open Journal System with a DSpace repository for the submission and subsequent rendering of Aggregations to end-users.

Using OAI-ORE in an e-Journal-to-Repository Workflow
http://www.apsr.edu.au/ore

Ben O’Steen, David Tarrant, Tim Brody
A powerful demonstration at the Open Repositories 2008 conference where a group of repository developers used ORE to transfer the entire contents of an e-Prints repository into a Fedora repository and back again.

The CRIG Repository Developer Challenge
http://www.ariadne.ac.uk/issue57/rumsey-osteen

Data Archiving and Networked Services (DANS)
Demonstrations of “enhanced” publications that are constructed using ORE and displayed as webpages using client-side (DRIVER-II) and server-side (JALC) XSLT transformations. DRIVER-II also provides Java applet for visualizing the relationships between the resources.

Enhanced Publications
http://driver2.dans.knaw.nl
http://develop01.dans.knaw.nl/jalc

European Commission
A portal, API, and collection of materials from cultural institutions all over Europe that uses ORE as a modeling tool to present complex digital objects.

Europeana
http://www.europeana.eu

German National Library of Economics (ZBW)
A collection of more than six million digitized newspaper clippings between the 19th century and 2005 that are exposed as ORE Aggregations with Resource Maps serialized using RDPa.

20th Century Newspaper Archives
http://zbw.eu/pm20

Ghent University
A custom-made institutional repository and faculty citation management system that includes support for ORE.

Biblio
http://biblio.ugent.be

Japanese Digital Mathematics Library
Utilizes ORE for aggregating resources that relate to mathematics from distributed digital libraries, serializing Resource Maps as Atom XML.

Japanese Digital Mathematics Library
http://dmljp.math.sci.hokudai.ac.jp
### Jewish American Archive
A module for the Drupal content management system that allows you to build and present media presentations based on OAI-ORE.

**Nodequeue OAI-ORE**  
http://drupal.org/project/nodequeue_oaiore

### Johns Hopkins University
Librarians collaborating with astronomers to publish, archive, and cross-link documents and research data sets.

**National Virtual Observatory**  
http://www.us-vo.org

### Library of Congress and National Endowment for the Humanities
A long-term program to digitize a selection of newspapers published in the United States between 1836 and 1922 to preserve and improve access to them.

**National Digital Newspaper Program**  
http://www.loc.gov/ndnp

### Los Alamos National Labs, Old Dominion University
A project that utilizes HTTP content negotiation and ORE concepts to retrieve archived versions of Web resources from the past.

**Memento**  
http://www.mementoweb.org

### Michael Giarlo
A plug-in for the Wordpress blog platform that generates Resource Maps for blog pages and posts that are exposed using Atom.

**Wordpress Plug-in for ORE**  
http://lackoftalent.org/michael/blog/ore-wordpress-plug-in

### Microsoft External Research
A word processor plug-in for Microsoft Word 2007 that adds support for SWORD and the generation and embedding of Resource Maps into .docx files.

**Article Authoring Add-in for Microsoft Word**  
http://research.microsoft.com/authoring

### An institutional repository built on top of Microsoft SQL Server and the .Net framework that supports ORE natively.

**Zentity**  

### Mellon Foundation
A broad collaboration to facilitate standards and implementations for leveraging annotations across clients, servers, and collections.

**Open Annotation Collaboration**  
http://www.openannotation.org

### oreChem
A broad collaboration sponsored by Microsoft that builds on the work of ORE by defining a core model, ontology, and extensions for chemical entities, populating and exposing data sources using the model, and developing a set of demonstration applications in scholarly communication and research in chemistry.

**oreChem**  
http://www.openarchives.org/oreChem

### Oskar Grenholm, National Library of Sweden
An open-source ORE implementation for the Fedora repository.

**oreProvider**  
http://oreprovider.sourceforge.net

### University of Cambridge
A JavaScript application that presents a quick way to view and navigate through the resources in Aggregations in a pop-up pane that uses preloading and ORE autodiscovery.

**peekORE**  
http://blip.tv/file/1157218

### University of Liverpool
A project that has produced code libraries for implementing ORE in Java and Python as well as an extension for Mozilla Firefox called explORE that can visually characterize Aggregations, which was originally developed for JSTOR and with support from HP Labs.

**Foresite**  
http://foresite.cheshire3.org
The winner of the “ORE Challenge” at RepoCamp 2008 that provides a visual interface for navigating nested aggregations.

OREsome
http://www.vimeo.com/1413467

University of Queensland
A Mozilla Firefox extension that enable researchers to create and publish ORE-compliant literary objects that encapsulate their digital resources and bibliographic metadata and view them as Aggregations.

LORE

A scientific authoring, publishing, and editing environment that generates ORE-compliant digital objects.

SCOPE: A Scientific Compound Object Publishing and Editing System
http://www.ijdc.net/index.php/ijdc/article/view/84

University of Southampton, University of Manchester
A social networking platform for sharing formalized scientific workflows that can be exposed as ORE Aggregations.

MyExperiment.org
http://myexperiment.org

University of Southern Queensland, University of Cambridge
A demonstration of ORE in various applications in a production environment including integrating repositories and the production of electronic theses and dissertations.

ICE Theorem

Texas Digital Library
An implementation of ORE for the DSpace repository platform that supports a digital library of electronic theses and dissertations.

Vireo
http://etd.tdl.org

Official ORE Documentation
- Primer, http://www.openarchives.org/ore/1.0/primer.html

Specification
- Abstract Data Model, http://www.openarchives.org/ore/1.0/datamodel.html
- Vocabulary, http://www.openarchives.org/ore/1.0/vocabulary.html

User Guides
- HTTP Implementation, http://www.openarchives.org/ore/1.0/http.html

Selected References
- Cool URIs for the Semantic Web, http://www.w3.org/TR/cooluris
- RDF Semantics, http://www.w3.org/TR/rdf-mt
• RDF Vocabulary Description Language 1.0: RDF Schema, http://www.w3.org/TR/rdf-schema

**OAI-ORE Community**

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**OAI-ORE Community on Google Groups**
http://groups.google.com/group/oai-ore