



eResearch, Fedora Repositories and Scholarly Communications

La Trobe University Library invites you to a series of presentations by Thornton Staples about Fedora Commons and managing various types of digital content in a Fedora based environments such as the Library's ARROW repository. Attendance at any session is open to all who are interested.

Venue: Library Seminar Room, Level 1, Borchardt Library, Bundoora, with Video conferencing to Bendigo and Albury-Wodonga Campuses

Thornton Staples,
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Strategy and Outreach,
Fedora Commons

RSVP

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Please include the session
number(s) you would like
to attend.

1. Tuesday 12 Feb, 2:30 pm – 4:30 pm
Fedora Commons
 - Fedora Commons, Inc. Goals and Philosophy
 - Fedora architecture basics and software framework
2. Wednesday 13 Feb 13, 9:30 am – 12:30 pm
eResearch and scholarly communications discussion with examples from
 - digital humanities project
 - American School archeology
 - University of Virginia digital library functionality
 - Discussion of academic information space, community repository, collecting to a digital library
3. Wednesday Feb 13, 2:30 pm – 4:30 pm
Cultural heritage image collection discussion and presentation of examples from
 - UVA art and architecture collections
 - Cataloging work rather than image
4. Thursday 14 Feb, 9:30 am – 12:30 pm
Text and Time based Media
 - Texts with page image and marked-up transcription
 - Texts with page image only
 - University of Virginia video oral history example
 - UVA audio oral history example
 - UVA public broadcasting TV show example
5. Thursday 14 Feb, 2:30 pm – 4:30 pm
Management of Quantitative/tabular datasets
 - University of Virginia population census example
 - University of Virginia astronomic plate stack example

About Thornton Staples

Thornton Staples has over 20 years of experience solving problems with information technology for libraries, museums, archives and numerous scholarly projects. He has extensive experience designing and implementing information architectures and their attendant workflow processes for applications which include digital information in a wide variety of formats and content types. He has worked with internationally known scholars both in academic and museum settings to create digital scholarly works that have proven seminal in their fields. From 1999 to October 2007, he was the Director of Digital Library Research and Development at the University of Virginia Library. In that position he co-directed the Fedora Project that has created a digital object repository management system now in use by academic, cultural, governmental and business organizations around the world. Utilizing Fedora, he has designed and implemented a digital library architecture for the University of Virginia Library.

Previously he was the CIO at the National Museum of American Art, Smithsonian Institution, and the founding Project Director at the Institute for Advanced Technology in the Humanities at the University of Virginia. He has recently served as a consultant with the American School for Classical Studies in Athens, the Arts and Humanities Data Service in the UK, the Royal Danish Library, the Harris Corporation and the Library of Congress. He is also a sculptor, with his works represented in 25 private collections.

About Fedora Commons

Fedora Commons is a non-profit organization providing sustainable technologies to create, manage, publish, share and preserve digital content as a basis for intellectual, organizational, scientific and cultural heritage by bringing two communities together.

Communities of practice that include scholars, artists, educators, Web innovators, publishers, scientists, librarians, archivists, publishers, records managers, museum curators or anyone who presents, accesses, or preserves digital content.

Software developers who work on the cutting edge of open source Web and enterprise content technologies to ensure that collaboratively created knowledge is available now and in the future.

Fedora Commons is the home of the unique Fedora open source software, a robust integrated repository-centered platform that enables the storage, access and management of virtually any kind of digital content.

Scholarly collaboration and communication

Computer networks, both within organizations, and globally with the Internet, combined with the World Wide Web, have become a primary conduit for accessing our collective intellectual works. With the emergence of Web 2.0, these networks are rapidly becoming a primary means for authoring and collaborating on new works. What happens, however, if information is locked up in systems that are not built to facilitate sharing across boundaries, and are not attentive to the long-term sustainability of social and intellectual knowledge accumulated within them?

This is where Fedora Commons plays a critical role. New interoperable systems designed to facilitate collaboration for the communities they serve should be easy to use to repurpose information from any source the user is authorized to access. Systems should also facilitate preservation. Information within - papers, data, annotations and commentary - is part of a scholarly and cultural record that should be well-managed to persist over time. Fedora Commons embraces the dual focus of enabling the creation of innovative, collaborative information spaces, while attending to the longevity and integrity of information that results from collaboration, ensuring that change is both evolutionary and sustainable.

Fedora at La Trobe University

La Trobe University's ARROW repository utilises the Fedora software platform and the VITAL web based interface. To date the repository has been used primarily to gather materials for the Research Quality Framework process. The Library is now planning for the management of other digital information in the ARROW repository.

About Fedora

Fedora has been adopted by hundreds of institutions for an array of innovative applications including open-access publishing, scholarly communication, e-science, digital libraries, archives, education, and more. Among its notable installations are National Science Digital Library (NSDL), the Public Library of Science's open access journal system, the Max Planck Society's e-scholarship system, the Chicago Historical Society's multimedia encyclopedia, the University of Virginia's digital collections, the Australian national institutional repository initiative (ARROW), Oxford University's digital archive, the Perseus digital humanities project, and numerous applications in national libraries, companies, universities, and cultural institutions.

The Fedora platform is logically divided into four major functional areas that reflect its first principles, repository services, preservation services, semantic services and enterprise services.

For more information visit www.fedora-commons.org