Fedora 4 Down Under

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GENERAL INFORMATION

- This is a full-day workshop.
- David Wilcox is the primary presenter.
- The workshop includes a number of hands-on sections. Attendees who intend taking part in Session 5 should bring laptops.
- Initially, it is envisaged attendance will be capped at 50. **UNSW Library will sponsor 50 attendees at $180 each.** We want to charge all attendees a fee of $50.00. This should ensure the cost of the workshop is covered.
- There are no additional technical requirements beyond AV and wireless internet.

DESCRIPTION

Fedora is a robust, modular, open source repository system for the management and dissemination of digital content, including research data. With input from the developer community, Fedora has transformed over the past 12 months from ‘old code’ to modern code, ensuring its flexibility, sustainability and relevance into the future.

This workshop is aimed at repository managers and developers. It will provide an overview of Fedora 4, the new version of the software, and provide an opportunity for attendees to engage with the project team. The workshop will also feature a discussion on migrating content to Fedora 4 from other repository systems, along with demonstrations of Fedora integrations, including Symplectic, VIVO, Hydra, and Islandora. Managers will learn how Fedora 4 can support their use cases, and how to get up and running with the latest version of the software. Developers will learn how to work with the Fedora 4 codebase, particularly in the context of building services on top of Fedora 4.

Two of the overall aims of the workshop are to encourage familiarity with and uptake of Fedora 4 within the Australian repository community, and to bring Australian developers into the global Fedora community and raise our profile in the research support arena.

1. Fedora 4 overview. This section will include a review and discussion of the new features of Fedora 4.
   **60 minutes**
2. Migration features and strategies. This section will present any currently available migration tools and discuss possible strategies for migrating to Fedora 4.
   **60 minutes**
3. Migration use cases. Following the migration features and strategies discussion in section 2, attendees will have an opportunity to discuss their use cases for migrations.
   **30 minutes**
4. Fedora integrations. Various Fedora integrations will be demonstrated and discussed.
   **60 minutes**
5. Building services on Fedora 4. This section will be developer-focused, and include information on working with the Fedora 4 codebase in the context of services.
   **60 minutes**

WHO SHOULD ATTEND

This workshop will benefit repository managers, developers, and anyone interested in working with repository software and services.

WHAT TO BRING

Attendees should bring laptops to session 5.
ABOUT THE PRESENTERS

David Wilcox. David is the Product Manager for the Fedora project. He sets the vision for Fedora and serves as strategic liaison to the steering committee, leadership group, sponsors, service providers, and other stakeholders. David works together with the Fedora Technical Lead to oversee key project processes, and performs international outreach to institutions, government organizations, funding agencies, and others.

Dr Arif Shaon. Arif leads the technical team in the Library Repository Services unit of University of New South Wales Library. He provides technical leadership to development of information repositories that facilitate curation and preservation of UNSW research materials. Prior to joining UNSW in September 2012, he worked as a Senior Research Scientist at the Science and Technology Facilities Council (STFC) in the UK, where he played leading roles in several European and UK projects in the area of advanced environmental informatics and digital preservation. He also has considerable experience in the emerging areas of Semantic Web, particularly in terms of developing linked data approaches to support the UK Open Data initiative.