

Managing Research Data with Fedora 4

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DESCRIPTION

Fedora 4, the new, revitalized version of the best-practice, open source Fedora repository platform, has been designed and built to support the diverse requirements of research data management. From flexible content modeling that conforms to any kind of asset, to support for millions of files both large and small, to a robust set of preservation features, Fedora 4 provides the infrastructure needed to support research data management.

The speakers will present an overview of Fedora 4, with a focus on the features that best support research data management. The presentation will feature research data use cases that Fedora addresses, as well as a roadmap for future development. The presentation will be followed by an open discussion, where attendees will be asked to share their research data use cases and talk about the features that are most important to them.

The discussion will be the primary focus of the BoF, as it will give attendees an opportunity to engage with the Fedora Product Manager and the Fedora Technical Lead on the research data management issues that are most important to them. This discussion will be very productive because it will help identify new use cases and opportunities, and shape future Fedora releases to better support the needs of the broader repository community.

ABOUT THE SPEAKERS

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.

Andrew Woods. Andrew is a software engineer specializing in the coordination of open source, distributed development initiatives that focus on the preservation and access of digital cultural heritage. He has over a decade of experience advising, managing, and implementing projects across government and academics sectors. For the last six years, he has worked as a member of the DuraSpace team providing software development and community coordination of the DuraCloud and Fedora applications. Prior to joining the not-for-profit organization, DuraSpace, he worked as a software contractor on a number of Federal projects.