

FedoraTM Community Update

Arran Griffith - Fedora Program Manager

Meet the Team

Fedora Program Team

Arran Griffith

- Program Manager

Dan Field

- Fedora Developer (PT)

Active Committers/Tech Team

Ben Pennell (*UNC Chapel Hill*)

Jared Whiklo (*UManitoba*)

Demian Katz (*Villanova*)

Doron Shalvi (*NLM*)

Calvin Xu (*NLM*)

Thomas Bernhart (*DocuTeam*)

James Alexander

(*The Open University, UK*)

→ Your name here...

Our Community

Celebrating 20+ years since beta release of Fedora v1

Current version: Fedora 6.5.0 (released in Feb 2024)

State of the Community Today:

- ~300+ known installations around the world
- Wide range of institutional types, sizes & use cases
- Active Committer/Tech Team
- Technical and non-technical engagement opportunities
- Return to in-person conferences and events

Fedora users across the globe 389



Users on Fedora 6.x

Currently Using Fedora 6.x

- Acadia University
- Berklee College
- Berlin State Library
- Bodleian Libraries, Oxford University
- Cambridge University
- DocuTeam Clients
- Institute of Archaeology of the CAS Prague
- Ludwig-Maximilians-Universität München
- Saxon Academy of Science and Humanities
- Slovenian Public Archival Service
- The Ohio State University
- The University of California, Davis
- University of Las Vegas Nevada

- University of Texas at Austin
- Vassar College
- Villanova University
- Whitman College

Migrating to Fedora 6.x

- Emory University
- Érudit
- Lehigh University
- Texas A&M University
- The Open University, UK
- The National Library of Wales
- The National Library of Medicine

Year in Review

Virtual Fedora Showcase (Sept 2023)



- Over 100 registrants over the 3 days of programming
- Sparked engagement opportunities for User Groups
- Great learning and networking opportunity

User Group Gatherings

- Open Repositories (EU/UK Users)
- Texas Conference on Digital Libraries

Fedora Technology Survey (Dec 2023 - March 2024)



- Polled the community about how to prioritize efforts in the next 18-24 months

Fedora Roadmap

- Built based on results of Tech Survey and with input from Tech/Committer Teams

Cross Community Involvement

- Hyrax Fedora 6 User Group
- Islandora LAC-GLAM Group
- OCFL-java Implementers Group

Projects on the Go

Fedora 6.x Performance Testing

- Collaboration with Texas Advanced Computing Center at the University of Texas at Austin
- Understanding performance impacts in an HPC environment

Dependency Updates

- Outdated dependencies within fcrepo core that will require updating

Documentation Upgrades

- Re-organizing current documentation to make navigation, search and accessibility more simplified

Fedora™ Community Roadmap

Program Priorities and Focus Areas

ON-GOING EFFORTS

- Migration Support - Bringing all users to Fedora 6.x
- Hyrax Fedora 6 Working Group - Investigating pathways to Fedora 6.x for Samvera repository platform users.



FEDORA 6.X PERFORMANCE IMPROVEMENTS

In partnership with Texas Advanced Computing Center

- Establish performance benchmarking framework for on-going performance testing and improvements
- Optimizations/bug fixes identified through testing
- Recommendations on infrastructure, architecture and hardware to optimize performance in High Performance Computing (HPC) environment
- Performance infrastructure and baseline benchmarks for common use cases
- Accurate performance and cost metrics on speed and scalability of Fedora 6.x



CRITICAL SECURITY AND STABILITY UPDATES

Security and stability improvements will be addressed for the following:

- Spring
- Java
- Velocity
- Postgres
- ActiveMQ
- Jetty



DOCUMENTATION UPDATES & IMPROVEMENTS

LEARN MORE AT: [HTTPS://BIT.LY/43ZKMOU](https://bit.ly/43zkmoU)

Getting Involved

Weekly Tech Meetings

- Every Thursday @ 11am Eastern
- Open to all levels

Fedora Slack

- #Tech, #General, #Migration channels
- Quickest way to get technical support from community members and team

- Code4Lib Slack - #OCFL Channel
 - OCFL-Java Implementers Meetings (Quarterly)
 - OCFL Community Meetings (Monthly)

Documentation Upgrades

- Initial discussions during Tech Meetings to kick start the work
- Will be reaching out to community for input

Community Events

- Open Repositories - Fedora User Group Meeting
- Virtual Fedora Showcase - late summer/early Fall

Have a conference idea you would like to collaborate on? Reach out to me (arran.griffith@lyraiss.org).

Resources

Fedora Website: <https://fedora.lyrasis.org/> (getting a facelift in the coming months)

Fedora Wiki: <https://wiki.lyrasis.org/display/FF/Fedora+Repository+Home>

- Fedora Community Roadmap: <https://wiki.lyrasis.org/display/FF/Fedora+Community+Roadmap>

Fedora YouTube Channel: https://www.youtube.com/channel/UCE_wcxwIQCvVZkbKtC0ej3g

Download Fedora 6.x: <https://github.com/fcrepo/fcrepo>

- Fcrepo Extras (migration tooling, camel toolbox etc): <https://github.com/fcrepo-exts>

Fedora Slack

- Recommended channels - #General, #Tech, #Migration
- Join here: <https://forms.gle/MjgCvNch7eaRoXRb8>

Consider becoming a Fedora Member

Your contribution allows us to continue development efforts and to support our global community.

Thank You

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