Fedora™ Community

ANNUAL REPORT

fedorarepository.org

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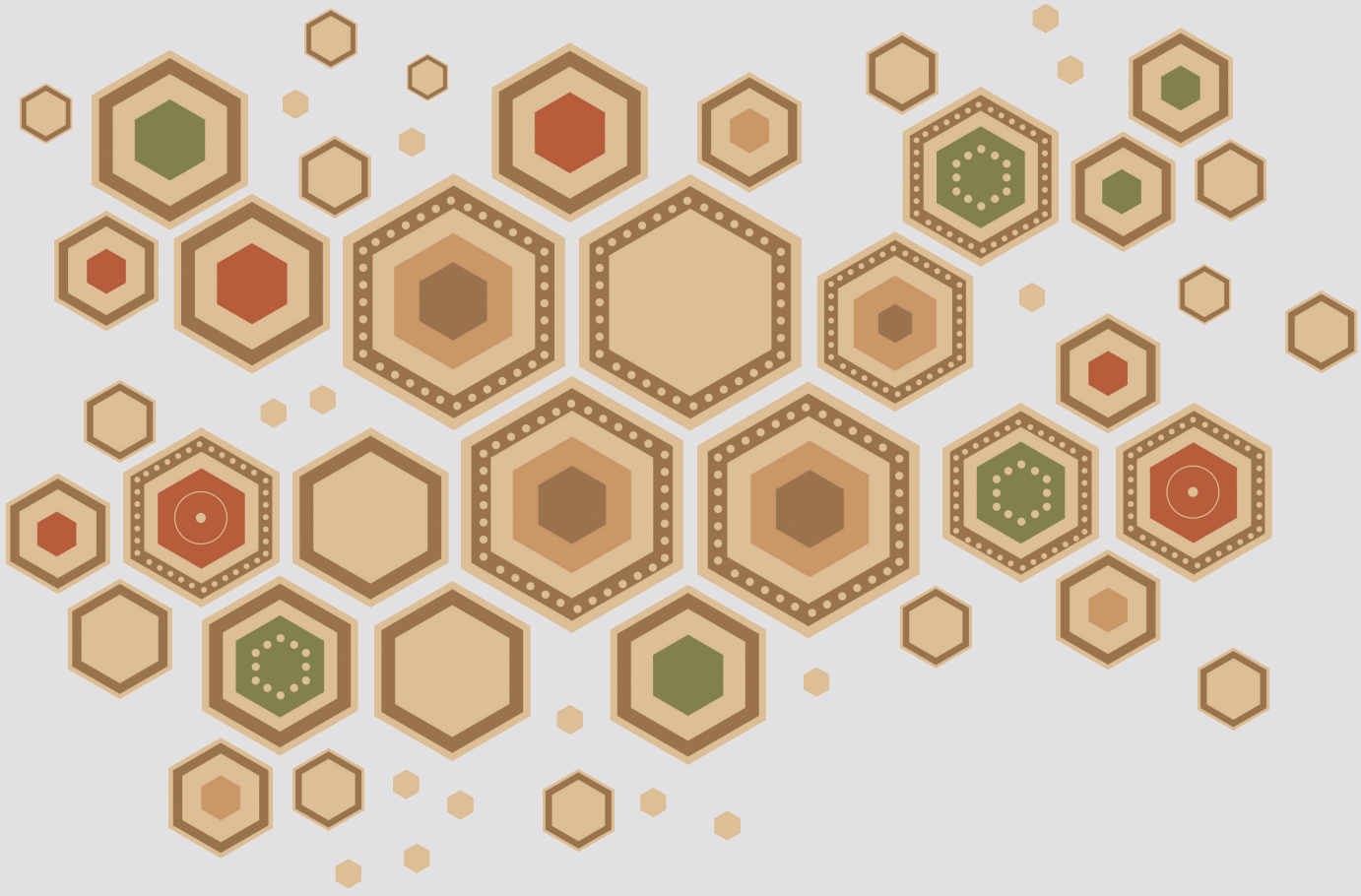
Fedora™



Summary

2018 was a year of accomplishments as the Fedora community delivered on key technical goals while expanding international membership and working together to design and execute a strategic plan.

The technical roadmap for 2018 included two primary goals: **finalize the Fedora API specification and release Fedora 5.0**, which represents the alignment of the software application with the API specification. Thanks to the support of the Fedora community, we were able to accomplish both of these goals by the end of the year.

We achieved **tremendous international membership growth in 2018, with seven new DuraSpace members in support of Fedora from outside the United States**. These new international memberships are the result of strategic outreach and engagement efforts, including support for international Fedora user group meetings, workshops and training camps, and representation for Fedora at international conferences and events.

While we accomplished great things in 2018, there is still plenty of work to do in 2019 and beyond. According to Robin Ruggaber, incoming Chair of the Fedora Leadership Group, “In 2019, the LG will focus initially on completion of a comprehensive roadmap which will support the completion of the Fedora API framework and tested implementations but will also chart the course for other aspects of the community of vital importance to the product. This work is essential to achieving objectives in communication, marketing, fundraising, and community expansion.”

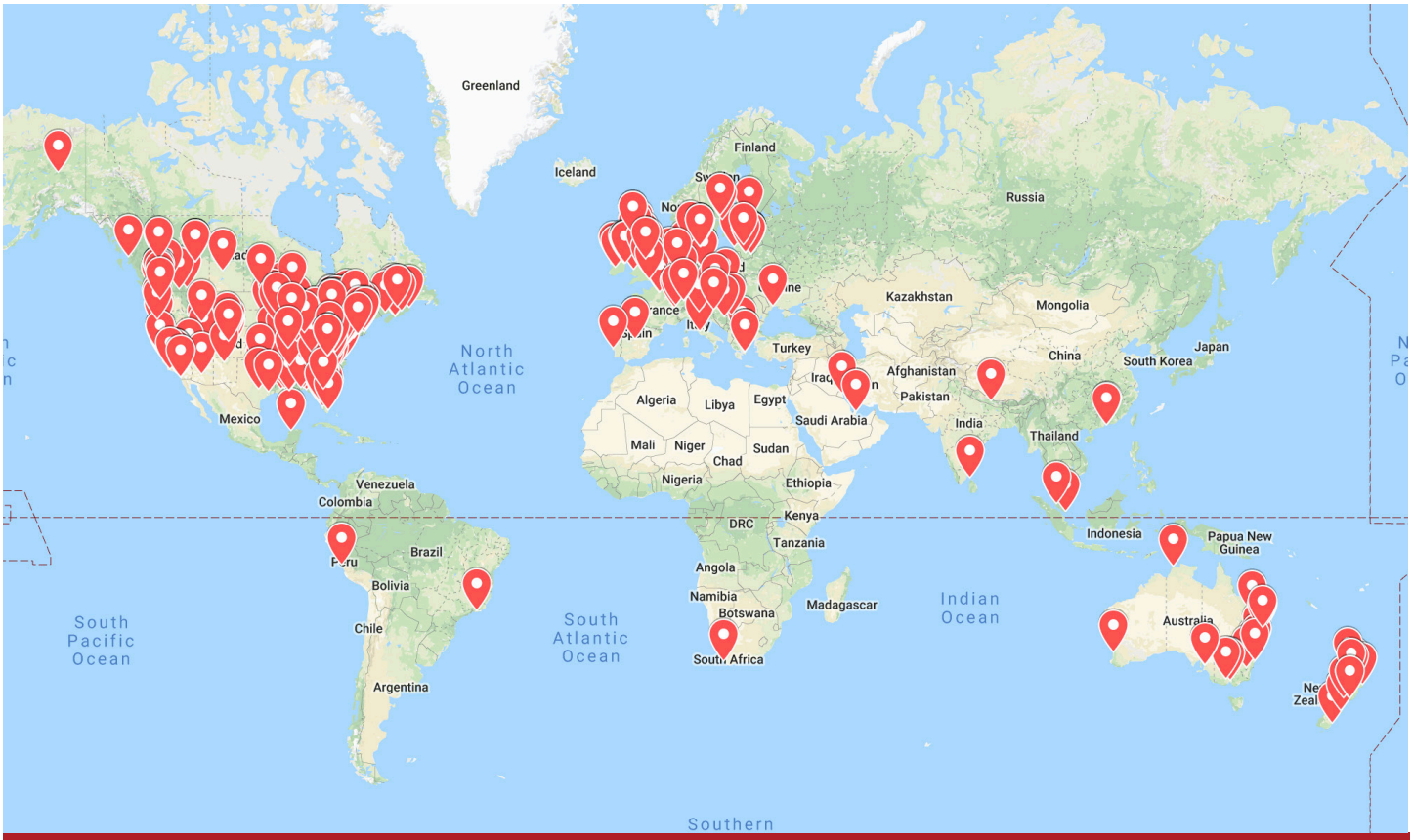
Attendees at Fedora Camp at NASA Goddard Space Flight Center, May 2018

Membership

The list of DuraSpace members supporting Fedora continued to grow in 2018, particularly internationally. We welcomed the Islandora Foundation (Canada), the Library of the Czech Academy of Sciences (Czech Republic), the National Institute for Materials Science (Japan), Ruhr-University Bochum (Germany), Universite Catholique de Louvain (Belgium), University of Graz (Austria), and University of Vienna (Austria) aboard as new members, bringing the total up to 75. The full list of members includes:

- Amherst College
- Arizona State University Libraries
- Brown University Library
- Carnegie Mellon University
- Case Western Reserve University Libraries
- Columbia University Library
- Denmark's Electronic Research Library
- Docuteam GmbH
- Durham University
- Emory University
- George Washington University
- ICPSR
- Indiana University
- Islandora Foundation
- Johns Hopkins University Libraries
- La Trobe University
- Lafayette College
- Library of the Czech Academy of Sciences
- London School of Economics & Political Science
- LYRASIS
- Macquarie University
- McMaster University
- National Institute for Materials Science
- National Library of Medicine
- National Research Council of Canada
- Northeastern University Libraries
- Northwestern University Libraries
- Ohio State
- Oregon State
- Pennsylvania State University
- Ruhr-University Bochum
- Rutgers University Libraries
- Smithsonian Institution, Office of Research Information Services
- Stanford University
- The Art Institute of Chicago
- Tufts University
- Universite Catholique de Louvain
- University of Bern Library
- University of California, Los Angeles
- University of California, San Diego
- University of California, Santa Barbara
- University of Cincinnati
- University of Connecticut Libraries
- University of Denver
- University of Graz
- University of Houston
- University of Hull
- University of Lausanne
- University of Manitoba
- University of Maryland
- University of Michigan
- University of Michigan Medical School
- University of New South Wales
- University of North Carolina at Chapel Hill
- University of Notre Dame
- University of Oklahoma Libraries
- University of Oregon
- University of Oxford
- University of Pittsburgh
- University of Prince Edward Island
- University of Rochester Libraries
- University of Tennessee at Knoxville
- University of Texas Libraries Austin
- University of the Sunshine Coast
- University of Toronto
- University of Vienna
- University of Virginia
- University of Wisconsin
- University of York
- Uppsala University Library
- Vassar College
- Villanova University
- Yale University
- York University

The Fedora project receives support not just from DuraSpace members, but from the broader community. Fedora has been adopted by over 450 institutions around the world.



Map of Fedora installations worldwide, February 2019.

450+ institutions around the world

Budget

1 January 2018 - 31 December 2018

	Income ($)	Expenditure ($)
Membership Revenue	529,625	
Service Provider Revenue	1,167	
Fedora Camp Revenue	28,457	
Staff		329,907
Contractors		103,089
Marketing and Communication		7,737
Travel		43,582
Office Expenses		5,896
Infrastructure and Support		80,711
Total	**559,249**	**570,922**

Net income from above: ($11,673)

Cash balance forward from 2017: $339,269

Cash balance 31 December 2018: $327,596

DuraSpace staff in Manchester, Vermont, July 2018

Progress on Key Initiatives

Fedora 5.0

The Fedora community **released Fedora 5.0.0 in December**, completing a major technical goal for the year. Fedora 5.0.0 represents alignment with the new Fedora API specification and the adoption of semantic versioning. This release was made possible through the sustained efforts of the technical community with support from their institutions, most notably:

- Peter Eichman , University of Maryland
- Mohamed Mohideen Abdul Rasheed , University of Maryland
- Ben Pennell , UNC Chapel Hill
- Bethany Seeger , Amherst College
- Longshou Situ , University of California, San Diego
- Jared Whiklo , University of Manitoba

API Specification

The Fedora community developed a clearly defined specification for the core Fedora services. This specification details the exact services and interactions required for a server implementation to be verified as "doing Fedora".

A final Candidate Recommendation of the Fedora API Specification was published for public review in November 2018. No further substantive changes are expected before the initial 1.0 release, which should be published in early 2019.

Strategy and Vision

The Fedora Leadership Group, in consultation with the Product Manager and Technical Lead, is responsible for approving the strategic direction of the project in line with the vision. As we worked toward the release of Fedora 5.0.0 and the API specification, it was clear that it was time to re-evaluate and re-articulate the Fedora vision and develop a corresponding strategic plan. To this end, sub-groups of Fedora Leaders have been working on a vision and strategic plan, and the full Fedora Leaders group met in twice in 2018 to review and contribute to this process. The sub-groups incorporated feedback from Fedora Leaders and produced a draft vision and strategic plan to be shared with the broader Fedora community for comments and discussion in early 2019. Intended to be a living document that gets updated over time, the vision and strategic plan provides concrete guidelines for Fedora in terms of product development, marketing and outreach, community, and governance.

2019 Initiatives

IMLS Fedora Migration Path

The Institute of Museum and Library Services awarded DuraSpace a National Digital Platform Planning Grant to investigate barriers to upgrading hundreds of U.S.-based libraries and archives running unsupported versions of Fedora. In consultation with stakeholders **this project will gather primary research data to inform recommendations to reduce barriers to upgrading to the most current version of Fedora**.

Fedora 6.0.0

The next major Fedora release will focus on replacing the ModeShape-based back-end implementation with a more scalable and performant application that also implements the Oxford Common File Layout specification. This preservation-focused specification details how files and folders should be laid out on disk in an application-independent, human-readable way.

Attendees at Fedora and Samvera Camp in Berlin, Germany, October 2018.

Events

The Fedora community continues to engage in a variety of events each year, including user group meetings, workshops, training camps, and participation in Islandora and Samvera community events. User groups in the Washington, DC area, the Midwest, and the South Central states each held meetings in 2018, while a new German-speaking user group held their second, informal meeting in Bonn in November during the SWIB conference. These groups provide great opportunities for regional Fedora users to meet and share their work, find collaborators, and grow the local Fedora community.

We held seven workshops attended by over 150 people in 2018, along with more in-depth Fedora Camps at the NASA Goddard Space Flight Center and the Berlin State Library, the latter of which was a combined Fedora and Samvera camp.

Contributions to the Annual Report

Content
- David Wilcox
- Robin Ruggaber
- The Fedora Leadership Group

Design
- Sam Mitchell

Editing
- Carol Minton Morris