

# 2018-02 Fedora Newsletter

This is the February 2018 edition of the Fedora Newsletter. This newsletter summarizes the most significant activities within the Fedora community over the last month.

## Call for Action

Fedora is designed, built, used, and supported by the community. An easy and important way that you can contribute to the effort is by helping resolve outstanding bugs. If you have an interest in gaining a better understanding of the Fedora code base, or a specific interest in any of [these bugs](#), please add a comment to a ticket and we can work together to move your interest forward.

## Membership

Fedora is funded entirely through the contributions of DuraSpace members that allocate their annual funding to Fedora. We will be kicking off our 2018 membership campaign in the Spring but it's never too early to join or upgrade your membership! If your institution is not yet a member of DuraSpace in support of Fedora, please [join us](#) today!

## Fedora Camp at NASA

You are invited to join experienced trainers at [Fedora Camp](#) to be held May 16-18 at the NASA Goddard Space Flight Center in Greenbelt, MD. Fedora Camp offers everyone a chance to dive in and learn all about the latest version of Fedora. Training will begin with the basics and build toward more advanced concepts—no prior Fedora experience is required. Participants can expect to come away with a deep dive Fedora learning experience coupled with multiple opportunities for applying hands-on techniques working with experienced trainers.

Previous Fedora Camps include the [inaugural camp](#) held at Duke University, the [West Coast camp](#) at CalTech, [NYC camp](#) held at Columbia University, and the most recent, [Texas camp](#) co-hosted by Texas Digital Library and the University of Texas Libraries. The camp curriculum will provide a comprehensive overview of Fedora by exploring such topics as:

- Core & Integrated features
- Data modeling and linked data
- Samvera and Islandora
- Migrating to Fedora 4
- Deploying Fedora 4 in production
- Preservation Services

[Register today](#) and take advantage of an early bird discount available until March 16. Attendance is limited to the first 30 registrants.

## Getting Started with Fedora Webinar

Join us on Wednesday, February 28, 2018 at 12:00 p.m. ET (US) for a 1-hour Fedora webinar that will provide an overview of the software and basic concepts, examples of deployments, and an overview and demonstration of the core and extended features. We'll also discuss the Fedora community, ways to get involved, and how Fedora can help your organization access and preserve your digital content.

Space are limited so [register today](#)! A recording will be made available following the live webinar.

## Software development

### Standards

#### Fedora API Specification

The [Candidate Recommendation](#) of the Fedora API Specification is still available for public review.

As described in the [charter](#), this specification is designed to:

1. Define the characteristics and expectations of how clients interact with Fedora implementations
2. Define such interactions such that an implementation's conformance is testable
3. Enable interoperability by striving to minimize the need for modifications to client applications in order to work with different implementations of the Fedora API specification

The core HTTP and notification services defined in this specification are listed below, along with the associated standards from which they are derived:

1. Resource Management (Linked Data Platform)
2. Resource Versioning (Memento)
3. Resource Authorization (Web Access Controls)

4. Notifications (Activity Streams)
5. Extended Binary Resource Operations
  - Fixity (HTTP headers)
  - Referenced Content via message/external-body Content-Type

The public comment period for the Candidate Recommendation will remain open until the Spring, after which we are targeting the release of the full Recommendation. Minimum requirements for transitioning to releasing the Recommendation include:

- Specification compliance test suite
- Two or more implementations of the specification
- No unresolved, outstanding critical issues, as defined by the [specification editors](#)

Please contact the [Fedora Community](#) or [Fedora Specification Editors](#) with any general comments. Any comments on details of the specification, itself, should be posted as [GitHub issues](#).

## Community-driven Activity

### 4.7.5 Release Candidate

A second [Fedora 4.7.5 release candidate](#) is now available for testing. The full release is planned for February 12.

### Alignment with API Specification

As part of the completion of the Fedora API specification, the current implementation will need to be brought into alignment with the documented specification. To this end, we are scheduling code sprints to complete the alignment work. There will be two sprints, of two weeks each:

- Weeks of March 5 and 12
- Weeks of April 16 and 23

This is an extremely important milestone for the Fedora project. If you are interested and available to participate in either or both of these sprints, please add your name to the [sprint planning page](#).

### Oxford Common Filesystem

The second OCFL call took place on Friday, January 19. [Notes](#), [video](#), and [audio](#) are available online. This call featured a [review of the HathiTrust storage architecture](#), a review of the [OCFL discussion paper](#), and a discussion on how to move toward a community draft of the Oxford Common Filesystem Layout. To this end, we are collecting use cases in a [GitHub repository](#). The next meeting will be March 9th at 11am ET (US). Please join the [pasig-discuss mailing list](#) for further updates.

## Conferences and events

In an attempt to simplify the task of keeping up with Fedora-related meetings and events, a Fedora calendar is available to the community as [HTML](#) and [iCal](#).

Additionally, thanks to the community contribution of [Michael B. Klein](#) from Northwestern University, the [fedora-project](#) Slack workspace now has a [self-registration form](#). Come join the conversation!

## Upcoming Events

### IDCC18

The [13th International Digital Curation Conference](#) (IDCC18) will be held February 19-22, 2018. Fedora Product Manager David Wilcox will offer a workshop entitled [Supporting FAIR Data Principles with Fedora](#) on Monday, February 19. Workshop details and a draft agenda [are available](#). Please [register in advance](#) to attend.

### West Coast Samvera Regional Meeting

The Digital Services Division of the Henry Madden Library at California State University, Fresno (Fresno State) is hosting the [2018 West Coast Samvera Regional Group meeting](#). The event will take place on Friday, March 16, from 9am to 5pm. Please use [Eventbrite for event registration](#) by February 28, 2018 (5 PM).

### Research Data Alliance 11th Plenary Meeting

The [11th RDA Plenary Meeting](#) will take place from the 21st to the 23rd March 2018 in Berlin, Germany. Under the theme "From Data to Knowledge", the Plenary meeting welcomes the participation of all data scientists, experts and practitioners engaged in the advancement of data-driven science and economy. Fedora-related initiatives include the work being done by the [Research Data Repository Interoperability working group](#) to leverage the [import/export utility](#) for research data packaging and transmission between repository platforms, and the [Repository Platforms for Research Data interest group](#).