

Fedora 5.0.0 Release Notes

Release date: December 14th, 2018

We are proud to announce the release of Fedora 5.0.0.

The move from Fedora 3.x to 4.x represented a full reimplementation of the Fedora architecture.



The move from Fedora 4.x to 5.x **DOES NOT** represent the same scope of change. The changes between Fedora 4.7.5 and 5.0.0 are relatively small, although they represent non-backwards compatible breaking changes due to API and data model differences.

As of the 5.0.0 release, the Fedora project is conforming to standard Semantic Versioning. See the [Fedora Semantic Versioning policy](#) for details.

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Resources

- This release requires Java 8
- [Downloads](#)
- [Javadocs](#)

Team

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Summary

The focus of this major release is alignment of the Fedora codebase with the [Fedora API Specification](#). While the code behind basic CRUD (Create, Retrieve, Update, and Delete) changed only incrementally from the previous release (4.7.5), Versioning and Access Control functionality underwent major refactorings. Per the Fedora API Specification, this release of the Fedora application implements the following underlying specifications:

- [Linked Data Platform 1.0](#) - CRUD
- [Web Access Control](#) (as used by the Solid project) - Authorization
- [Memento protocol \(rfc7089\)](#) - Versioning
- [Instance Digests in HTTP \(rfc3230\)](#) - Binary Fixity

294 JIRA issues were worked by fifteen developers for this release. In addition, we also developed the [Fedora API Test Suite](#) which can be run against this release to verify compliance with the aforementioned specification. Finally, the documentation underwent a full overhaul with special attention to the modifications to the API changes, additions, deletions, deprecations, configuration settings, and a new User's Guide focused on content modeling and metadata recommendations.

Due to the changes to existing APIs and data models, Fedora 5.0.0 is not backwards compatible. The [Fedora Import Export Utility](#) does not currently support upgrading data from Fedora 4 to Fedora 5. However adding upgrade support this utility is a top priority for the first quarter of 2019. Please see the outstanding issues section at the bottom of the release page for any known issues.

Deprecations

The following features are still in this release, but have been flagged for future removal.

- [Backup / Restore endpoints](#)
- [Copy / Move](#) features

Housekeeping and Bugs

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution
Unable to locate Jira server for this macro. It may be due to Application Link configuration.										

Complete Listing of Resolved Tickets

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution
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Unable to locate Jira server for this macro. It may be due to Application Link configuration.

Outstanding issues slated for the 5.0.1 Bugfix release (To be released in January 2019)

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Unable to locate Jira server for this macro. It may be due to Application Link configuration.