Fedora 4.7.4 Release Notes

Release date: August 1, 2017

We are proud to announce the release of Fedora 4.7.4.

- Resources
- Team
- Summary
- Changes

Resources

- This release requires Java 8
- Downloads
- Javadocs

Team

Release Manager

- Jared Whiklo - University of Manitoba

Developers

- Andrew Woods - DuraSpace
- Aaron Birkland - Johns Hopkins University
- Bethany Seeger - Amherst College
- Bill Branan - DuraSpace
- Danny Bernstein - DuraSpace
- Elliot Metsger - John Hopkins University
- Esmé Cowles - Princeton University
- Jared Whiklo - University of Manitoba
- Michael Durbin - University of Virginia
- Nick Ruest - York University
- Ralf Claussnitzer - Saxon State and University Library Dresden
- Santiago Castro - XmartLabs

Issue Reporters

- A. Soroka
- Aaron Birkland
- Unknown User (acoburn)
- Adam Wead
- Benjamin Armintor
- Conal Tuohy
- Joshua Westgard
- Kevin Ford
- Rob Sanderson
- Steve Gu

Summary

The Fedora 4.7.4 release is a backwards compatible refinement of the previous release, focused on bug fixes, enhancements and deprecation flagging.

Changes

Application Programming Interface

The application programming interface updates in this release relate to correcting response headers.

- Content-Type header on container HEAD requests mirrors those returned on GET
- Link header of ldp:constrainedBy added to responses of requests to create an ldp:Resource
- Link headers included on /fcr:versions resources

- Link headers included on /fcr:fixity resources

type	key	summary	assignee	reporter	priority	status	resolution	created	updated	due

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

Deprecations

This is the final release to include the XACML and RBACL authorization modules. Subsequent Fedora releases will only include the WebAC authorization module.

type	key	summary	assignee	reporter	priority	status	resolution	created	updated	due

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Configuration

This release includes several new configuration options for customizing Fedora installations:

1. Adds a new option to allow a client to overwrite server managed triples
    - -Dfcrepo.properties.management=relaxed
2. Allows incoming blank nodes to be skolemized as hash URIs instead of placed in the /.well_known/genid location
    a. -Dfcrepo.bnode.hash-uri=<true|false>
3. Allow use of S3 for storage (Beta)

type	key	summary	assignee	reporter	priority	status	resolution	created	updated	due

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Performance

This release adds two new configuration options targeting improved performance:

1. Ability to increase the ModeShape cache size from the default 10,000 (repository.json)
2. Ability to enable parallel generation of RDF response streams
    - -Dfcrepo.streaming.parallel=true

type	key	summary	assignee	reporter	priority	status	resolution	created	updated	due

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Preservation

This release includes an update to fixity result responses on fixity failures such that the digest algorithm used in performing the check (in the case where an algorithm other than the default SHA-1 is used) is returned to the client.

type	key	summary	assignee	reporter	priority	status	resolution	created	updated	due

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

Housekeeping and Bugs

Numerous bug fixes and clean-up tasks were addressed in this release.

type	key	summary	assignee	reporter	priority	status	resolution	created	updated	due

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Complete Listing of Resolved Tickets

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.