Fedora 4.2.0 Release Notes

Release date: 19 May, 2015

We are proud to announce the release of Fedora 4.2.0.

Resources

- This release has been built against Java 8
- Downloads [1]
- Javadocs [2]

Team

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Summary

The focus of the 4.2.0 release was twofold:

- Establish an Audit Service
- Create and exercise tooling for Fedora 3 to 4 migrations

Additionally, numerous bugs and housekeeping issues were addressed.

The reason this release is 4.2.0 instead of 4.1.2 is because the required version of Java was upgraded to Java8 per the project policy [3].

Updates

Audit Service

1. Establish framework for capturing internal and external events in an external triplestore
2. Establish framework for persisting internal and external events within the repository
3. Create Audit Service administrator documentation [4]

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Fedora 3 to 4 Migration

1. With the migration-utils utility [5], enable the following types of migration from Fedora 3 to Fedora 4
   a. Simple RDF datastreams
   b. Redirect datastreams
   c. External datastreams
   d. Datastream properties
   e. RDF properties in RELS-INT datastreams
   f. Legacy-FS FOXML

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Fedora Java Client

1. Update Fedora 4 Java Client library [6] to:
   a. Support property updates on Non-RDF Source Descriptions
   b. Support creation of Fedora 4 "external" content with "message/external-body" content-type

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Java 8

1. Update build machinery and projects for Java 8

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Linked Data Platform

1. Respond with 501 on client-provided Link header for LDPR creation
2. NonRDFSources now have rdf:type ldp:NonRDFSource

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Bugs and Housekeeping

1. Bug: Creating a node in the web application through a proxy causes the baseURL to be set incorrectly
2. Standardizing underlying libraries
3. Updating ReadMe files
4. Refactoring code
5. Reducing leakage of JCR concepts
6. Improve OSGi support

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All Issues

key	summary	type	assignee	reporter	priority	status	resolution
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[25]

References

[1] https://wiki.duraspace.org/display/FF/Downloads
[2] http://docs.fcrepo.org
[3] https://wiki.duraspace.org/display/FF/Policy+-+Supported+JVM
[4] https://wiki.duraspace.org/display/FEDORA4x/Setup+Audit+Service
[5] https://github.com/fcrepo4-labs/migration-utils
[6] https://github.com/fcrepo4-labs/fcrepo4-client