

2017-10-05 - Fedora Tech Meeting

Time/Place

This meeting is a hybrid teleconference and IRC chat. Anyone is welcome to join...here's the info:

- Time: 11:00am Eastern Daylight Time US (UTC-4)
- Dial-in Number: (712) 775-7035
 - Participant Code: 479307#
 - International numbers: [Conference Call Information](#)
 - Web Access: <https://www.freeconferencecallhd.com/wp-content/themes/responsive/flashphone/flash-phone.php>
- IRC:
 - [Join the #fcrepo chat room via Freenode Web IRC](#) (enter a unique nick)
 - Or point your IRC client to #fcrepo on irc.freenode.net

Attendees

- [Danny Bernstein](#)
- [Aaron Birkland](#)
- [Jared Whiklo](#)
- [Peter Eichman](#) ★
- [Joshua Westgard](#)
- [Yinlin Chen](#)
- [Ben Pennell](#)
- [Andrew Woods](#)
- [Mohamed Mohideen Abdul Rasheed](#)
- [Carrick Rogers](#)
- [David Wilcox](#)
- [Longshou Situ](#)
- Justin Merz

Agenda

1. Update from "[Alignment to Spec](#)" sprint
 - a. Mechanism for disabling versioning? Is there an alternative to DELETE on the LDBC?
 - b. WebAC i
 - i.

Unable to locate Jira
 - ii.

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

Unable to locate Jira server for this macro. It may be due to Application Link configuration.
2. [Jetty Nar](#) error
3. [Oxford Common filesystem Layout](#)
4. Tickets In-Review

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.									

5. Questions from DCFUG meeting about the URIs that Fedora exposes

Ticket Summaries

1. Please squash a bug!

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.

2. Tickets resolved this week:

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.

3. Tickets created this week:

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.

Minutes

1. API spec alignment sprint updates/questions

a. Disabling versioning:

- spec specifies how to turn on versioning, but not clear how to disable versioning
- one approach is to DELETE timemap (LDPCv)
 - deletes all Mementos; could be overkill if you want to retain prior versions
- use cases?
 - migration from versioned to unversioned repo
 - more important for server-managed versioning
 - less important for client-controlled versioning like we are doing it now
- suggestions
 - disable write to the LDPCv via ACLs
 - original resource should still be marked as versionable using the link header, just that new versions cannot be created
 - versionable = has timemap
- auto-versioning:
 - should the server act as a proxy for the user?
 - or should it always create versions?
 - create a user to represent the server?
 - is the server always a superuser? (as in the current implementation)
 - not yet specified in the spec
- how does a client tell if a resource is presently versionable?
 - not possible without trying to create a version
- if versions are server-managed, then the time-map is read-only?
 - or writes are restricted to the server user
- creating a server user is the most transparent option for the ACL approach

b. WebAC enabled by default

- WAR file: yes
- mvn jetty:run: yes
- one-click JAR: NO (to retain its one-clickability)
- there is interest in having a switch to disable WebAC at deploy-time for WAR file
 - web.xml defining AuthN policy makes this tricky
- UMD created additional AuthnNZ config to allow mixed authenticated and unauthenticated access
 - Tomcat-specific (valves and shared-session login realm)
- AuthN can happen in all sorts of ways, not just servlet-container-specific
- seems possible to configure read-only access in web.xml
- should be able to enable WebAC with a default "anonymous" user
- can we remove the authN requirement from web.xml?
 - rely on Apache or other front-end authn that provides principals to Fedora
 - would need some way to (opt-in) specify a default "anonymus" user

c. Example credentials: URIs vs strings:

- WebAC requires agents to be URIs
- therefore, example credential usernames should be URIs
- but there are practical concerns, mostly due to colons (disallowed by HTTP Basic Auth)
- decision: punt on this (keep example usernames as strings)

Actions

- Bring the proposal to disable versioning using a read-only LDPCv to the Fedora spec editors
- Document UMD's custom authNZ Tomcat configuration ([Peter Eichman](#))