

2017-09-14 - 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](#)
- [Bethany Seeger](#)
- [Peter Eichman](#) ★
- [Carrick Rogers](#)
- [Andrew Woods](#)
- [Esmé Cowles](#)
- [Bram Hauer](#)
- [Ben Pennell](#)
- [Joe Harrington](#)
- [David Wilcox](#)

Agenda

- Update from "Alignment to Google" project:
 - Epic in Jira: Unable to locate Jira server for this macro. It may be due to Application Link configuration.
 - Versioning a
 - Breaking changes policy, tickets.

type	key	summary	assignee	reporter	priority	status	resolution	created	updated	due
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Unable to locate Jira server for this macro. It may be due to Application Link configuration.
- Preservation specification
- Modeshape 5.4 upgrade: Unable to locate Jira server for this macro. It may be due to Application Link configuration.
- Unable to locate Jira server for this macro. It may be due to Application Link configuration. : question about supported types
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- Status of in-flight tickets

Ticket Summaries

- Please squash a bug!

key	summary	type	created	updated	due	assignee	reporter	priority	status	resolution
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- 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

- Item 1.a-b [Aaron Birkland](#): alignment to spec sprint
 - started this week
 - tasks based on delta doc
 - well into process
 - open questions about memento + WebAC
 - determine difference between spec and current implementation
 - what issues need to be raised to broader community
 - [Bethany Seeger](#): design issue: how do we deal with versioning in ACLs?
 - don't have many use cases yet
 - (wiki page) [Versioning - Authorization Design](#)
 - soliciting use cases and other feedback
 - Bethany & Ben: making JIRA tickets today
 - how do DELETES affect versions?
 - delete is optional in the spec
 - is delete required? does a delete delete all versions of a resource
 - [Ben Pennell](#): issues posted back to spec group
 - current spec confusing with regards to creating new versions
 - [Andrew Woods](#): proposal: do not support individual ACLs for Mementos; all Mementos share the same ACL
 - [Peter Eichman](#): only use case is if the original version of a resource has sensitive info, made public after scrubbing, but original resource shouldn't be exposed
 - solution is to create a new resource not a version for scrubbing
 - [Aaron Birkland](#): ACL for a resource, within the ACL have Authz rules for different mementos
 - [Andrew Woods](#): mementos are immutable
 - [Aaron Birkland](#): spec doesn't require a triple on the resource
 - Link header is used for ACL discovery
 - do you have to freeze the value of the Link header when you make a memento?
 - [Andrew Woods](#): we should put a stake in the ground; shall we extend immutability to its Link header?
 - [Andrew Woods](#): possible model: memento gets ACL from its LDPCv container; if none should we default to global default or defaults to walking up the tree
 - [Bethany Seeger](#): LDPCv++, allows different authz rules on resource vs. public
 - [Aaron Birkland](#): need to engage community verify that stakes in the ground are acceptable
 - once the subgroup has an algorithm for determining ACL for memento it should go back to the spec group, since it won't be exactly the WebAC algo
 - [Andrew Woods](#): should we bring in Herbert (Memento author) to consult? pre-volunteed to participate
 - [Bethany Seeger](#): yes
 - [Bethany Seeger](#): identifying non-controversial pieces of Authz+Versioning and creating tickets
 - [Andrew Woods](#): start with "ACL on container" algo?
 - [Bethany Seeger](#) et al: yes
 - [Andrew Woods](#): delete of versions?
 - [Bethany Seeger](#): it's a MAY in the spec, current fedora behavior is delete a resource
 - [Andrew Woods](#): do we tie memento lifecycle to resource lifecycle? deletes all versions, what does the community think?
 - [Jared Whiklo](#): yes
 - [Esmé Cowles](#): yes
 - [Danny Bernstein](#): AWS doesn't tie versions to resource
 - [Ben Pennell](#): no; memento allows original delete but retain history; good to look at how fedora's expected usage of versioning differs from web archiving and amazon
 - [Aaron Birkland](#): Wouldn't a safe way to delete a resource + versions be to DELETE the LDPCv (to delete versions implicitly), then the LDPRv?
 - [Andrew Woods](#): when you have versioned resource with LDP children, do we version the resource or the whole tree?
 - [Peter Eichman](#): versioning the whole tree makes the most sense
 - [Danny Bernstein](#): in abstract, yes; but potential for explosion of storage needs may be practically problematic

- [Aaron Birkland](#): tree based versioning creates mementos for all children; current versioning copies all children, but those children aren't versioned
 - [Bethany Seeger](#): version trees, but requires work
 - [Andrew Woods](#): consensus is to version trees
 - [Bethany Seeger](#): safest bet to version children in a way they know about; needs to get fixed in code
 - [Aaron Birkland](#): that sort of fix may change how we use modeshape for versions significantly
 - [Ben Pennell](#): if you do that then you get the multiple containment issue though (two LDPCv's would contain the version of b)
 - [Jared Whiklo](#): what about outbound links in addition to children? does this end with a snapshot of the entire repo?
 - [Aaron Birkland](#): We could also do baby steps and start with single-resource versioning, then figure out trees :)
 - [Jared Whiklo](#): not advocating for whole repo snapshots nor even necessarily versioning linked resources, just trying to find the margins
- we will continue this discussion in special topic conversations on the Authz+Versioning issues
- [Andrew Woods](#): continue with Mode versioning, or roll our own versioning system, memento implementation
 - [Aaron Birkland](#): probably abandon Mode
 - [Jared Whiklo](#): agree
 - [Ben Pennell](#): not sure about taking a default approach of making versioning totally backwards incompatible with fcrepo 4 by not initially taking a tree version approach
- [Andrew Woods](#) will be gone next week, call for facilitator?
 - [Aaron Birkland](#) will facilitate
- Item 1.c: [Aaron Birkland](#): flagging things that break backwards compat
 - taking conservative approach, but not requiring backwards compat
 - [Andrew Woods](#): community expectation is there will be breaking changes
 - limited to API is best
 - helpful to have a 4.7.5 release with deprecation notices, and other bugfixes
- Item 2: Preservation spec
 - [Andrew Woods](#): there is ongoing interest in specifying what is actually on disk for Fedora, for implementations that write to disk
- Item 3: Mode 5.4/next fcrepo 4.7 release
 - [Peter Eichman](#): supports 4.7.5, Mode 5.4 so far seems to work in UMD's testing, avoids stuck threads issue
- Item 4: deferred to IRC