2018 Spring API Alignment Sprint 1 Planning

Tickets Completed

March 5, 2018 (Mon)

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

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

March 6, 2018 (Tues)

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

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

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

March 7th, 2018 (Wed)

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

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

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

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

March 8th, 2018 (Thurs)

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

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

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

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

March 9th, 2018 (Fri)

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

March 12th, 2018 (Mon)

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

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

March 13th, 2018 (Tues)

March 14th, 2018 (Wed)

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

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

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

March 15th, 2018 (Thurs)

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

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

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

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

March 16th, 2018 (Fri)

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

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

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

Ticket to Specification Tracking

The table below is derived from the following document

[Fedora API Spec and Delta Document Verification](#)

Issue Description	Spec Reference	Priority	Difficulty	Story Points	Related JIRAs	Can be worked now	Sprint	Depends on	Notes
Duplicate headers when GETting binaries		1	1	1		Unable to locate Jira server for this macro. It may be due			
Change the PreferInboundReferences URI in Prefer header from http://fedora.info/definitions/v4 /repository#InboundReferences to the one defined in the spec (ie http://fedora.info/definitions /fcrepo#PreferInboundReferences)	3.2.1	1	1	1		Unable to locate Jira server for this macro. It may be due			
						Unable to locate Jira server for this macro. It may be due			
HTTP Head does not return the same headers as if the request were a GET	3.3	3	1	1		Unable to locate Jira server for this macro. It may be due			
						Unable to locate Jira server for this macro. It may be due			
POSTing a LDP-NR does not return correct constrainedBy Link header	3.5	2	1	1		Unable to locate Jira server for this macro. It may be due			

MUST return 409 if request's type Link is not resource's current type or subtype thereof, or in LDP namespace • Though the message coming back in the case of an attempt to move from RDFSource to NonRDFSource says "Resource Already Exists" instead of returning a constrained by header • Same message is returned trying to move from ldp:Container to an ldp:DirectContainer or ldp:BasicContainer or ldp:Container MUST change resource's type if request's type Link is a subtype of resource's current type MUST change resource's interaction model if request's type Link has an LDP interaction model Using PATCH it is currently possible to add an rdf:type of ldp:NonRDFSource to an existing ldp:RDFSource. This should fail with a 409.	3.6, 3.7.1	1	3	3
Replace current Link rel="type" Header with memento specified link (i.e. `http://mementoweb.org/ns#OriginalResource`)	4.1	1	1	1
The `Accept-Datetime` header is used to request a past state, exactly as per [*RFC7089*] section 2.1.1. A successful response must be a 302 (Found) redirect to the appropriate LDPRm If no LDPRm is appropriate to the `Accept-Datetime` value, an implementation should return a 406 (Unacceptable).	4.1.1	1	2	2
The response to a GET request on an LDPRv must include the following headers • A <`http://mementoweb.org/ns#TimeGate`>; rel="type" link in the Link header • A <`http://mementoweb.org/ns#OriginalResource`>; rel="type" link in the Link header	4.1.1	1	1	1
LDPm GET • An implementation must support GET, as is the case for any LDPR. • The headers for GET requests and responses on this resource must conform to [*RFC7089*] section 2.1. Particularly it should be noted that the relevant TimeGate for an LDPRm is the original versioned LDPRv. • In addition, any response to a GET request must include a <`http://mementoweb.org/ns#Memento`>; rel="type" link in the Link header.	4.2.1	1	3	3
LPPm OPTIONS • An implementation must support OPTIONS. • A response to an OPTIONS request must include `Allow: GET, HEAD, OPTIONS` as per [*LDP*]. • An implementation may include `Allow: DELETE` if clients can remove a version from the version history, as noted in 3.8 HTTP DELETE.	4.2.2	1	1	1
LDPm: PUT, POST, and PATCH must return 405 method not allowed	4.2.3-5	1	1	1
LDPm: DELETE The server is responsible for all behaviors implied by the LDP-containment of the LDPRm.	4.2.6			
LDPCv : An implementation must support GET, as is the case for any LDPR. Any response to a GET request must include a <`http://mementoweb.org/ns#TimeMap`>; rel="type" link in the Link header. Currently the <http://fedora.info/definitions/v4/repository#TimeMap> is being used.	4.3.2	1	2	2
LDPCv: Disallow PUT and PATCH	4.3.2	1	1	1

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verified once these two tickets have been resolved.

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resolution to fcrepo-2617. Needs to be verified.

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LDPCv: POST • A POST that does not contain a `Memento-Datetime` header should be understood to create a new LDPRm contained by the LDPCv, reflecting the state of the LDPRv at the time of the POST. Any request body must be ignored. • A `Memento-Datetime` header should be understood to create a new LDPRm contained by the LDPCv, with the state given in the request body and the datetime given in the `Memento-Datetime` request header.	4.3.3				Unable to locate Jira server for this macro. It may be due Unable to locate Jira server for this macro. It may be due Unable to locate Jira server for this macro. It may be due
LDPCv: DELETE: Delete of an LDPCv must remove the LDPCv and removing the versioning interaction model from the original LDPRv.	4.3	1	2	2	Unable to locate Jira server for this macro. It may be due
Vary : When an LDPCv supports POST, and allows clients to specify a datetime for created URI-Ms, Vary-Post/Vary-Put: Memento-Datetime.	4.4	1	1	1	Unable to locate Jira server for this macro. It may be due
Replacing Contents from Mementos Non-normative note: Using the ingest-by-reference mechanism, one can replace the contents of an LDPRvwith that of an LDPRm by providing it's URL as the URL parameter in a Content-Type: message/external-body header. For example, given an LDPRm with URL http://example.org/some/memento, the full header would be Content-Type: message/external-body; access-type=URL; expiration=1; URL="http://example.org/some/memento"	4.5.3	5	3	2	Unable to locate Jira server for this macro. It may be due
Create container mementos from body					Unable to locate Jira server for this macro. It may be due
Provide separate timemap for binary and description					Unable to locate Jira server for this macro. It may be due
Create historical binary mementos					Unable to locate Jira server for this macro. It may be due
Create binary description mementos					Unable to locate Jira server for this macro. It may be due
Ignore referential integrity of memento properties					Unable to locate Jira server for this macro. It may be due
Default acls must be defined in accordance with the SOLID WEBAC spec.	5.0	2	2	2	Unable to locate Jira server for this macro. It may be due
Non-normative note: Implementations may set default access controls for all resources by including an ACL for the root container with an authorization that applies to access by any agent (`acl:agentClass foaf:Agent`), applies to any resource (`acl:accessToClass ldp:Resource`), and is defined to be inherited (`acl:default`). The example below grants read access (`acl:mode acl:Read`) but any combination of modes may be specified.	5.2	1	2	3	Unable to locate Jira server for this macro. It may be due
The interaction pattern for ACL discovery is described in [SOLIDWEBAC] ACL Resource Location Discovery. A conforming server must advertise the individual resource ACL for every controlled resource in HTTP responses with a `rel="acl"` link in the `Link` header, whether or not the ACL exists. The ACL resource should be located in the same server as the controlled resource.	5.3	1	2	2	Unable to locate Jira server for this macro. It may be due
The server must reject the request and respond with a 4xx or 5xx range status code, such as 409 (Conflict) if it isn't able to create the LDPR with the specifiedLDP-RS as the ACL. In that response, the restrictions causing the request to fail must be described in a resource indicated by a `rel="http://www.w3.org/ns/ldp#constrainedBy"` link in the `Link` response header, following the pattern of [LDP] 4.2.1.6.	5.4	1	1	1	Unable to locate Jira server for this macro. It may be due

Restrict Cross Domain ACLs • it *MUST* respond with a 4xx range status code • and *MUST* advertise the restriction with a `rel="http://www.w3.org/ns/ldp#constrainedBy"` link in the `Link` response header.	5.5	2	2	2	Unable to locate Jira server for this macro. It may be due
Implement ACL linking on resource creation	5.4	2	2	2	Unable to locate Jira server for this macro. It may be due
	5.7.1	1	1	1	Unable to locate Jira server for this macro. It may be due
	5.7.1	1	1	1	Unable to locate Jira server for this macro. It may be due
	5.7.1,2	1	1	1	Unable to locate Jira server for this macro. It may be due
	5.7.3	1	1	1	Unable to locate Jira server for this macro. It may be due
~~When an ACL includes an `acl:accessToClass` statement, it gives access to all resources with the specified type, whether that type is client-managed or server-managed.~~	5.8				Unable to locate Jira server for this macro. It may be due
Verify ACL inheritance	5.9				needed!

Critical Non-Alignment Issues to be included in the 5.0.0 release

Jira	Priority	Depends On	Story Points