

# 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 |
| 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. | - 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)

none

March 14th, 2018 (Wed)

|   |                  |
|---|------------------|
| 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. | - Longshou Situ  |
| 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. | - Randall Floyd  |
| 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. | - 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 |

### 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 <a href="http://fedora.info/definitions/v4/repository#InboundReferences">http://fedora.info/definitions/v4/repository#InboundReferences</a> to the one defined in the spec (ie <a href="http://fedora.info/definitions/fcrepo#PreferInboundReferences">http://fedora.info/definitions/fcrepo#PreferInboundReferences</a> ) | 3.2.1          | 1        | 1          | 1            |               |                   |        |            | 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 |
| 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 |

|  |            |   |   |   |  |  |  |  |  |   |
|--|------------|---|---|---|--|--|--|--|--|---|
| <p>MUST return 409 if request's type Link is not resource's current type or subtype thereof, or not in LDP namespace</p> <ul style="list-style-type: none"><li>Though the message coming back in the case of an attempt to move from RDFSsource to NonRDFSsource says "Resource Already Exists" instead of returning a constrained by header</li><li>Same message is returned trying to move from ldp:Container to an ldp:DirectContainer or ldp:BasicContainer or ldp:Container</li></ul> <p>MUST change resource's type if request's type Link is a subtype of resource's current type</p> <p>MUST change resource's interaction model if request's type Link has an LDP interaction model</p> <p>Using PATCH it is currently possible to add an rdf:type of ldp:NonRDFSsource to an existing ldp:RDFSsource. This should fail with a 409.</p> | 3.6, 3.7.1 | 1 | 3 | 3   | <div>Unable to locate Jira server for this macro. It may be due</div> <div>Unable to locate Jira server for this macro. It may be due</div> <table><tr><td></td><td></td><td></td><td></td><td>verified once these two tickets have been resolved.</td></tr></table> |  |  |  |  | verified once these two tickets have been resolved. |
|  |            |   |   | verified once these two tickets have been resolved. |  |  |  |  |  |   |
| <p>Replace current Link rel="type" Header with memento specified link (i.e. <a href="http://mementoweb.org/ns#OriginalResource">http://mementoweb.org/ns#OriginalResource</a>)</p>   | 4.1        | 1 | 1 | 1   | <div>Unable to locate Jira server for this macro. It may be due</div> <table><tr><td></td><td></td><td></td><td></td><td></td></tr></table>  |  |  |  |  |   |
|  |            |   |   |   |  |  |  |  |  |   |
| <p>The Accept-Datetime header is used to request a past state, exactly as per <a href="#">[RFC7089] section 2.1.1</a>. A successful response <b>must</b> be a 302 (Found) redirect to the appropriate LDPRm</p> <p>If no LDPRm is appropriate to the Accept-Datetime value, an implementation <b>should</b> return a 406 (Unacceptable).</p>   | 4.1.1      | 1 | 2 | 2   | <div>Unable to locate Jira server for this macro. It may be due</div> <table><tr><td></td><td></td><td></td><td></td><td></td></tr></table>  |  |  |  |  |   |
|  |            |   |   |   |  |  |  |  |  |   |
| <p>The response to a GET request on an LDPRv <b>must</b> include the following headers</p> <ul style="list-style-type: none"><li>A <a href="http://mementoweb.org/ns#TimeGate">http://mementoweb.org/ns#TimeGate</a>; rel="type" link in the Link header</li><li>A <a href="http://mementoweb.org/ns#OriginalResource">http://mementoweb.org/ns#OriginalResource</a>; rel="type" link in the Link header</li></ul>   | 4.1.1      | 1 | 1 | 1   | <div>Unable to locate Jira server for this macro. It may be due</div> <div>Unable to locate Jira server for this macro. It may be due</div> <table><tr><td></td><td></td><td></td><td></td><td></td></tr></table>  |  |  |  |  |   |
|  |            |   |   |   |  |  |  |  |  |   |
| <p>LDPRm GET</p> <ul style="list-style-type: none"><li>An implementation <b>must</b> support GET, as is the case for any LDPR.</li><li>The headers for GET requests and responses on this resource <b>must</b> conform to <a href="#">[RFC7089] section 2.1</a>. Particularly it should be noted that the relevant TimeGate for an LDPRm is the original versioned LDPRv.</li><li>In addition, any response to a GET request <b>must</b> include a <a href="http://mementoweb.org/ns#Memento">http://mementoweb.org/ns#Memento</a>; rel="type" link in the Link header.</li></ul>  | 4.2.1      | 1 | 3 | 3   | <div>Unable to locate Jira server for this macro. It may be due</div> <table><tr><td></td><td></td><td></td><td></td><td>resolution to fcrepo-2617. Needs to be verified.</td></tr></table>  |  |  |  |  | resolution to fcrepo-2617. Needs to be verified.    |
|  |            |   |   | resolution to fcrepo-2617. Needs to be verified.    |  |  |  |  |  |   |
| <p>LPPm OPTIONS</p> <ul style="list-style-type: none"><li>An implementation <b>must</b> support OPTIONS.</li><li>A response to an OPTIONS request <b>must</b> include Allow: GET, HEAD, OPTIONS as per <a href="#">[LDP]</a>.</li><li>An implementation <b>may</b> include Allow: DELETE if clients can remove a version from the version history, as noted in 3.8 <a href="#">HTTP DELETE</a>.</li></ul>  | 4.2.2      | 1 | 1 | 1   | <div>Unable to locate Jira server for this macro. It may be due</div> <table><tr><td></td><td></td><td></td><td></td><td></td></tr></table>  |  |  |  |  |   |
|  |            |   |   |   |  |  |  |  |  |   |
| <p>LDPRm: PUT, POST, and PATCH must return 405 method not allowed</p>  | 4.2.3-5    | 1 | 1 | 1   | <div>Unable to locate Jira server for this macro. It may be due</div> <table><tr><td></td><td></td><td></td><td></td><td></td></tr></table>  |  |  |  |  |   |
|  |            |   |   |   |  |  |  |  |  |   |
| <p>LDPRm: DELETE</p> <p>The server is responsible for all behaviors implied by the LDP-containment of the LDPRm.</p>   | 4.2.6      |   |   |   | <div>Unable to locate Jira server for this macro. It may be due</div> <table><tr><td></td><td></td><td></td><td></td><td>to implemen</td></tr></table>   |  |  |  |  | to implemen   |
|  |            |   |   | to implemen   |  |  |  |  |  |   |
| <p>LDPCv : An implementation <b>must</b> support GET, as is the case for any LDPR. Any response to a GET request <b>must</b> include a <a href="http://mementoweb.org/ns#TimeMap">http://mementoweb.org/ns#TimeMap</a>; rel="type" link in the Link header. Currently the <a href="http://fedora.info/definitions/v4/repository#TimeMap">http://fedora.info/definitions/v4/repository#TimeMap</a> is being used.</p>   | 4.3.2      | 1 | 2 | 2   | <div>Unable to locate Jira server for this macro. It may be due</div> <div>Used - depending on approach to</div> <table><tr><td></td><td></td><td></td><td></td><td></td></tr></table> <div>Unable to locate Jira server for this macro. It may be due</div>         |  |  |  |  |   |
|  |            |   |   |   |  |  |  |  |  |   |
| <p>LDPCv: Disallow PUT and PATCH</p>   | 4.3.2      | 1 | 1 | 1   | <div>Unable to locate Jira server for this macro. It may be due</div> <table><tr><td></td><td></td><td></td><td></td><td></td></tr></table>  |  |  |  |  |   |
|  |            |   |   |   |  |  |  |  |  |   |

|  |       |   |   |   |  |
|--|-------|---|---|---|--|
| LDPCv: POST  | 4.3.3 |   |   |   | Unable to locate Jira server for this macro. It may be due |
| <ul style="list-style-type: none"> <li>A POST that does not contain a Memento-Datetime header <b>should</b> 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 <b>must</b> be ignored.</li> <li>A Memento-Datetime header <b>should</b> 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.</li> </ul>                      |       |   |   |   | Unable to locate Jira server for this macro. It may be due |
| LDPCv: DELETE:   | 4.3   | 1 | 2 | 2 | Unable to locate Jira server for this macro. It may be due |
| Delete of an LDPCv must remove the LDPCv and removing the versioning interaction model from the original LDPRv.  |       |   |   |   |  |
| Vary :   | 4.4   | 1 | 1 | 1 | Unable to locate Jira server for this macro. It may be due |
| When an LDPCv supports POST, and allows clients to specify a datetime for created URI-Ms, Vary-Post/Vary-Put: Memento-Datetime.  |       |   |   |   |  |
| Replacing Contents from Mementos   | 4.5.3 | 5 | 3 | 2 | Unable to locate Jira server for this macro. It may be due |
| Non-normative note: Using the ingest-by-reference mechanism, one can replace the contents of an LDPRv with 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 <a href="http://example.org/some/memento">http://example.org/some/memento</a> , the full header would be Content-Type: message/external-body; access-type=URL; expiration=1; URL= " <a href="http://example.org/some/memento">http://example.org/some/memento</a> " |       |   |   |   |  |
| 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 <b>must</b> 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 <b>should</b> 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 <b>must</b> 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 specified LDPR-RS as the ACL. In that response, the restrictions causing the request to fail <b>must</b> 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 <ul style="list-style-type: none"><li>it <i>MUST</i> respond with a 4xx range status code</li><li>and <i>MUST</i> advertise the restriction with a <code>rel="http://www.w3.org/ns/ldp#constrainedBy"</code> link in the Link response header.</li></ul> | 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 <code>acl:accessedClass</code> 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 |
|------|----------|------------|--------------|
|      |          |            |              |
|      |          |            |              |
|      |          |            |              |