

2016-03-10 - 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

- A. Soroka
- Jared Whiklo
- Unknown User (acoburn)
- David Wilcox
- Doron Shalvi
- Kevin S. Clarke

Agenda

1. Bugs are beginning to pile up

▼ [Click here to expand...](#)

Key	Summary	T	Cr eated	U pdated	D ue	Ass ignee	Repor ter	P	S tatus	R esol ution
FCREP O-2988	Creating versions of containers containing tombstones issue		Feb 08, 2019	Feb 13, 2019		Unassi gned	Ben Pennell	▼	Re ceive d	Unre solv ed
FCREP O-2841	Vulnerability on the commons-httpclient-3.1 dependency of fcrepo-integration-rdf		Aug 06, 2018	Aug 06, 2018		Unassi gned	Peter Eichman	▼	Re ceive d	Unre solv ed
FCREP O-2800	Issues running Fedora multi-threaded		May 14, 2018	May 14, 2018		Unassi gned	Harsha Ummerpill ai	▼	Re ceive d	Unre solv ed
FCREP O-2790	Using a hash URI as a ldp:membershipResource doesn't work		May 04, 2018	May 04, 2018		Unassi gned	Esmé Cowles	▲	Op en	Unre solv ed
FCREP O-2780	GET inbound refs incomplete response		Apr 26, 2018	Apr 30, 2018		Unassi gned	Kevin Ford	▼	Op en	Unre solv ed
FCREP O-2746	Failed to reset the input stream when not accessing s3 directly or s3 compatible gateway		Apr 06, 2018	Apr 06, 2018		Unassi gned	Thomas Schneider	▼	Op en	Unre solv ed
FCREP O-2739	Server returns an error after inserting a particular triple syntax		Mar 17, 2018	Mar 19, 2018		Unassi gned	Stefano Cossu	▲	Op en	Unre solv ed
FCREP O-2712	GET with Prefer=InboundRefs on /fcr:metadata does not include InboundRefs		Mar 09, 2018	Mar 09, 2018		Unassi gned	Kevin Ford	▼	Re ceive d	Unre solv ed

FCREP O-2670	baseURI incorrect for audit JMS messages		Feb 02, 2018	Feb 05, 2018	Unassigned	Bethany Seeger		Open	Unresolved
FCREP O-2666	HTML UI does not update properly after binary resource reversion		Jan 23, 2018	Feb 01, 2018	Unassigned	Danny Bernstein		Open	Unresolved
FCREP O-2665	Integration tests flap on non-virtualized windows 10 machines.		Jan 23, 2018	Jan 24, 2018	Unassigned	Danny Bernstein		Open	Unresolved
FCREP O-2663	MOVE - Cannot delete Solr index		Jan 16, 2018	Jan 17, 2018	Unassigned	Ferdinando Terranova		Open	Unresolved
FCREP O-2662	Sparql Delete works inconsistently in transaction		Jan 03, 2018	Jan 04, 2018	Unassigned	Ben Pennell		Open	Unresolved
FCREP O-2659	Maven Enforcer Plugin `bannedDependencies` rule fails to resolve dependencies correctly		Dec 05, 2017	Nov 16, 2018	Ralf Claussnitzer	Ralf Claussnitzer		Open	Unresolved
FCREP O-2658	Invalid ebucore:hasMimeType value inhibits access to content		Dec 01, 2017	Dec 01, 2017	Unassigned	Kevin Ford		Received	Unresolved
FCREP O-2650	MD5s not being stored in transaction		Oct 24, 2017	Aug 02, 2018	Unassigned	Ben Pennell		Open	Unresolved
FCREP O-2648	Tomcat stuck threads during object ingest into Fedora with fcrepo-audit module enabled		Oct 19, 2017	Nov 29, 2017	Unassigned	Peter Eichman		Open	Unresolved
FCREP O-2635	binaries accepted by fcrepo did not arrive at final Modeshape storage location		Sep 29, 2017	Sep 29, 2017	Unassigned	Joshua Westgard		Received	Unresolved
FCREP O-2607	Incorrect ldp:contains reference on versioned resources		Sep 14, 2017	Sep 14, 2017	Unassigned	Ben Pennell		Received	Unresolved
FCREP O-2573	Namespaces not created correctly via PUT and POST		Aug 28, 2017	Aug 29, 2017	Unassigned	Bethany Seeger		Received	Unresolved
FCREP O-2542	Versioning the root node causes exception		Jul 27, 2017	Aug 03, 2017	Unassigned	Danny Bernstein		Open	Unresolved
FCREP O-2540	Possible memory leak in org.fcrepo.event.serializer.JsonLdSerializer		Jul 21, 2017	Jul 25, 2017	Unassigned	Peter Eichman		Open	Unresolved
FCREP O-2516	Trouble accessing nc and csv files		Jun 06, 2017	Aug 31, 2017	Unassigned	Jose Blanco		Open	Unresolved
FCREP O-2479	Generated relationships from indirect containers not returned when retrieving versions		May 24, 2017	May 24, 2017	Unassigned	Ben Pennell		Open	Unresolved
FCREP O-2437	migration-utils fails when migrating fedora 3 system objects		May 10, 2017	May 17, 2017	Michael Durbin	Michael Durbin		Open	Unresolved
FCREP O-2435	Backups created while updates occur cannot be restored.		May 03, 2017	May 03, 2017	Unassigned	Michael Durbin		Received	Unresolved
FCREP O-2433	Error when using fixity check on a version of binary object		May 02, 2017	May 03, 2017	Unassigned	Daniel Sanford		Open	Unresolved
FCREP O-2400	Fixity result ambiguous when digest algorithm and checksum don't match		Feb 12, 2017	Feb 15, 2017	Ralf Claussnitzer	Ralf Claussnitzer		Open	Unresolved
FCREP	Audit machinery causes the emission of events		Feb 08,	Jun 29,	Danny Bernste	A. Soroka		Op	Unsolv

O-2398	with info: URIs.		2017	2017	in			en	ed
FCREP O-2396	PUT to fcr:metadata fails to add/replace non-server-managed triples		Feb 07, 2017	Feb 16, 2017	Unassigned	Kevin Ford		Open	Unresolved

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2. Fedora Specification updates
 1. Messaging SPI
 2. Atomic Batch Operations - name? BatchOps? Bag-o'-Ops? OpSack? AtomicOp?
 3. CRUD
 4. Resource Versioning
 5. Binary Fixity Checking
 6. Authorization
3. ...
4. Status of "in-flight" tickets

[Click here to expand...](#)

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
FCRE PO-2993	Add Support for X-If-State-Token on PUTs		Apr 22, 2019	Apr 24, 2019		Danny Bernstein	Danny Bernstein		In Progress	Unresolved
FCRE PO-2991	Cannot create resources with most identifiers containing ':'s		Mar 28, 2019	Apr 22, 2019		Jared Whiklo	Ben Penneil		In Review	Ready for Test
FCRE PO-2976	Add Support for X-State-Token in GET and HEAD requests		Jan 09, 2019	Apr 25, 2019		Danny Bernstein	Danny Bernstein		Reopened	Unresolved
FCRE PO-2902	Review CTS Failures		Oct 09, 2018	Dec 18, 2018		Jon Roby	Andrew Woods		In Progress	Unresolved
FCRE PO-2865	Camel Toolbox should not index mementos		Sep 13, 2018	Oct 12, 2018		Mohamed Mohideen Abdul Rasheed	Danny Bernstein		Reopened	Unresolved
FCRE PO-2789	Align fcrepo-client-java with Fedora 5.0		May 03, 2018	Dec 18, 2018		Ben Pennell	Danny Bernstein		In Progress	Unresolved
FCRE PO-2740	Float value not updated when current value rounds to the new one		Mar 27, 2018	May 30, 2018		Yinlin Chen	Kevin Ford		In Review	Fixed
FCRE PO-2582	API Alignment		Sep 11, 2017	Dec 18, 2018		Unassigned	Aaron Birkland		In Progress	Unresolved
FCRE PO-2413	Adopters Guide: Versioning		Mar 08, 2017	Aug 08, 2018		Danny Bernstein	Andrew Woods		In Progress	Unresolved
FCRE PO-2299	Import - Export Videos		Nov 14, 2016	Aug 14, 2017		Youn Noh	Andrew Woods		Reopened	Unresolved
FCRE PO-2274	Integration tests that test concurrency could theoretically pass even when concurrency issues persist.		Oct 14, 2016	Oct 02, 2018		Unassigned	Michael Durbin		Reopened	Unresolved
FCRE			Oct	Dec			Andrew		Re	Unre

PO-1799	IllegalArgumentException when trying to INSERT		27, 2015	18, 2018	Nianli Ma	Wood s		open ed	solv ed
FCRE PO-1774	API to return Fedora version number		Oct 15, 2015	Dec 18, 2018	Unassigned	Jim Coble		Re open ed	Unre solv ed
FCRE PO-1694	Ensure that no non-deployable module compile-depends on fcrepo-kernel-modeshape		Aug 11, 2015	Aug 14, 2017	Unassigned	A. Sorok a		Re open ed	Unre solv ed

14 issues

Ticket Summaries

1. Please squash a bug!

[Click here to expand...](#)

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
FCR EPO-2988	Creating versions of containers containing tombstones issue		Feb 08, 2019	Feb 13, 2019		Unassigned	Ben Pennell		Receiv ed	Unre solv ed
FCR EPO-2841	Vulnerability on the commons-httpclient-3.1 dependency of fcrepo-integration-rdf		Aug 06, 2018	Aug 06, 2018		Unassigned	Peter Eichman		Receiv ed	Unre solv ed
FCR EPO-2800	Issues running Fedora multi-threaded		May 14, 2018	May 14, 2018		Unassigned	Harsha Ummerpillai		Receiv ed	Unre solv ed
FCR EPO-2790	Using a hash URI as a ldp:membershipResource doesn't work		May 04, 2018	May 04, 2018		Unassigned	Esmé Cowles		Op en	Unre solv ed
FCR EPO-2780	GET inbound refs incomplete response		Apr 26, 2018	Apr 30, 2018		Unassigned	Kevin Ford		Op en	Unre solv ed
FCR EPO-2746	Failed to reset the input stream when not accessing s3 directly or s3 compatible gateway		Apr 06, 2018	Apr 06, 2018		Unassigned	Thomas Schneider		Op en	Unre solv ed
FCR EPO-2739	Server returns an error after inserting a particular triple syntax		Mar 17, 2018	Mar 19, 2018		Unassigned	Stefano Cossu		Op en	Unre solv ed
FCR EPO-2712	GET with Prefer=InboundRefs on /fcr:metadata does not include InboundRefs		Mar 09, 2018	Mar 09, 2018		Unassigned	Kevin Ford		Receiv ed	Unre solv ed
FCR EPO-2670	baseURI incorrect for audit JMS messages		Feb 02, 2018	Feb 05, 2018		Unassigned	Bethany Seeger		Op en	Unre solv ed
FCR EPO-2666	HTML UI does not update properly after binary resource reversion		Jan 23, 2018	Feb 01, 2018		Unassigned	Danny Bernstein		Op en	Unre solv ed
FCR EPO-2665	Integration tests flap on non-virtualized windows 10 machines.		Jan 23, 2018	Jan 24, 2018		Unassigned	Danny Bernstein		Op en	Unre solv ed
FCR EPO-2663	MOVE - Cannot delete Solr index		Jan 16, 2018	Jan 17, 2018		Unassigned	Ferdinando Terranova		Op en	Unre solv ed
FCR EPO-	Sparql Delete works inconsistently in transaction		Jan 03,	Jan 04,		Unassigned	Ben		Op	Unre solv

2662			2018	2018	d	Pennell		en	ed
FCR EPO-2659	Maven Enforcer Plugin `bannedDependencies` rule fails to resolve dependencies correctly		Dec 05, 2017	Nov 16, 2018	Ralf Claussnitzer	Ralf Claussnitzer	⚡	Open	Unresolved
FCR EPO-2658	Invalid ebucore:hasMimeType value inhibits access to content		Dec 01, 2017	Dec 01, 2017	Unasigned	Kevin Ford	⚡	Received	Unresolved
FCR EPO-2650	MD5s not being stored in transaction		Oct 24, 2017	Aug 02, 2018	Unasigned	Ben Pennell	⬆️	Open	Unresolved
FCR EPO-2648	Tomcat stuck threads during object ingest into Fedora with fcrepo-audit module enabled		Oct 19, 2017	Nov 29, 2017	Unasigned	Peter Eichman	⬆️	Open	Unresolved
FCR EPO-2635	binaries accepted by fcrepo did not arrive at final Modeshape storage location		Sep 29, 2017	Sep 29, 2017	Unasigned	Joshua Westgard	⬆️	Received	Unresolved
FCR EPO-2607	Incorrect ldp:contains reference on versioned resources		Sep 14, 2017	Sep 14, 2017	Unasigned	Ben Pennell	⬆️	Received	Unresolved
FCR EPO-2573	Namespaces not created correctly via PUT and POST		Aug 28, 2017	Aug 29, 2017	Unasigned	Bethany Seeger	⬆️	Received	Unresolved
FCR EPO-2542	Versioning the root node causes exception		Jul 27, 2017	Aug 03, 2017	Unasigned	Danny Bernstein	⚡	Open	Unresolved
FCR EPO-2540	Possible memory leak in org.fcrepo.event.serializer.JsonLDSerializer		Jul 21, 2017	Jul 25, 2017	Unasigned	Peter Eichman	⬆️	Open	Unresolved
FCR EPO-2516	Trouble accessing nc and csv files		Jun 06, 2017	Aug 31, 2017	Unasigned	Jose Blanco	⚡	Open	Unresolved
FCR EPO-2479	Generated relationships from indirect containers not returned when retrieving versions		May 24, 2017	May 24, 2017	Unasigned	Ben Pennell	⚡	Open	Unresolved
FCR EPO-2437	migration-utils fails when migrating fedora 3 system objects		May 10, 2017	May 17, 2017	Michael Durbin	Michael Durbin	⚡	Open	Unresolved
FCR EPO-2435	Backups created while updates occur cannot be restored.		May 03, 2017	May 03, 2017	Unasigned	Michael Durbin	⬆️	Received	Unresolved
FCR EPO-2433	Error when using fixity check on a version of binary object		May 02, 2017	May 03, 2017	Unasigned	Daniel Sanford	⚡	Open	Unresolved
FCR EPO-2400	Fixity result ambiguous when digest algorithm and checksum don't match		Feb 12, 2017	Feb 15, 2017	Ralf Claussnitzer	Ralf Claussnitzer	⚡	Open	Unresolved
FCR EPO-2398	Audit machinery causes the emission of events with info: URIs.		Feb 08, 2017	Jun 29, 2017	Danny Bernstein	A. Soroka	⚡	Open	Unresolved
FCR EPO-2396	PUT to fcr:metadata fails to add/replace non-server-managed triples		Feb 07, 2017	Feb 16, 2017	Unasigned	Kevin Ford	⬆️	Open	Unresolved
FCR EPO-2364	URI using localhost not overwritten with Tomcat servername		Dec 15, 2016	Dec 15, 2016	Unasigned	Kevin Ford	⚡	Received	Unresolved
FCR EPO-2321	fcrepo-ldpath camel tool returns HTTP 500 error		Dec 01, 2016	Feb 14, 2017	Jared Whiklo	Bethany Seeger	⚡	Open	Unresolved

FCR EPO-2311	Ldp::HttpError: STATUS: 500 org.modeshape.jcr.value.binary.BinaryStoreException: java.net.SocketTimeoutException: Read timed out		Nov 16, 2016	Jun 06, 2018	Unassigned	Anna Headley		Open	Unresolved
FCR EPO-2263	Reserved Characters in fragments are encoded by UriBuilder		Oct 09, 2016	Dec 18, 2018	Unassigned	Christopher Johnson		Open	Unresolved
FCR EPO-2122	LDP If-Match guidance is incompatible with the HTTP spec		Aug 18, 2016	Aug 18, 2016	Unassigned	Esmé Cowles		Open	Unresolved
FCR EPO-2118	Ambiguous fcr:versions element in version containers		Aug 11, 2016	Aug 22, 2016	Jack Hill	Harsha Ummerpillai		Received	Unresolved
FCR EPO-2117	Older versions are having pointers to newer versions		Aug 11, 2016	Feb 14, 2017	Aaron Birkland	Harsha Ummerpillai		Open	Unresolved
FCR EPO-2104	Fedora breaks when committing extra large transactions		Aug 04, 2016	Nov 06, 2017	Unassigned	Lukáš Ján		Received	Unresolved
FCR EPO-2103	Fixity service sometimes returns BAD_CHECKSUM on first attempt only		Aug 03, 2016	Jan 07, 2019	Unassigned	David Chandek-Stark		Received	Unresolved
FCR EPO-2092	ldp:isMemberOfRelation does not find reference property		Jul 25, 2016	Oct 11, 2018	Unassigned	Andrew Woods		Open	Unresolved

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2. Tickets resolved this week:

[Click here to expand...](#)

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
No issues found										

3. Tickets created this week:

[Click here to expand...](#)

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
FCREPO-2994	Add Support for X-If-State-Token on PATCH		Apr 22, 2019	Apr 24, 2019		Unassigned	Danny Bernstein		Open	Unresolved
FCREPO-2993	Add Support for X-If-State-Token on PUTs		Apr 22, 2019	Apr 24, 2019		Danny Bernstein	Danny Bernstein		In Progress	Unresolved

2 issues

Minutes

Review of current Bugs:

FCREPO-1887 - Fedora4 Rest API GET Method "Accept-Post" header does not list all allowed supported RDF formats **CLOSED** - Assigned to [Diego Pino Navarro](#), but he may be busy at present.

FCREPO-1889 - Direct/Indirect Containers allow writing arbitrary triples to any resource, despite access controls **CLOSED** - We should confirm that the error condition described in this ticket actually exists. [A. Soroka](#) will add a comment to this ticket.

FCREPO-1888 - Error Content-Types incorrect and differ based on HTTP method **CLOSED** - Server Errors should include the correct Content-Type (at present, this should be text/plain). As a follow-on, should error responses be RDF? and should Fedora support conneg for errors?

FCREPO-1884 - WebAC acl:accessTo property requires a trailing slash when the protected resource is the repository root **CLOSED** - Now assigned to [Unknown User \(acoburn\)](#).

FCREPO-1882 - Missing/Incorrect HTTP Headers **CLOSED** - Missing headers. Some parts of this can be merged with FCREPO-1887. [A. Soroka](#) will add comments to the ticket.

FCREPO-1872 - javax.jcr.ItemExistsException returns a 500 and stack trace **CLOSED** - Stack trace – this condition should result in a 409 Conflict error.

FCREPO-1854 - exception when trying to delete containers with a large number of children **OPEN** - Is this a limitation of Modeshape or an error with Fedora? or is this a function of a default Hydra repository layout? It was decided that the ticket will be closed as "Won't Fix"

FCREPO-1767 - Top-level Error page **CLOSED** - No activity since November. [A. Soroka](#) will ask [Nianli Ma](#) for a status update

FCREPO-1616 - /rest/ should have an etag **CLOSED** - No activity since November. [A. Soroka](#) will ping [Esmé Cowles](#)

FCREPO-1498 - Indirectly Contained Resource Etags **CLOSED** - [Unknown User \(acoburn\)](#) will work this ticket using the touch() method to update jcr:lastModified on referenced nodes, asynchronously (A new ticket will be created to remove the Properties header from emitted Events: [FCREPO-1945](#) - Node Properties should not be included in JMS events **CLOSED**)

FCREPO-1931 - Fedora 4 returns a 400 error when uploading a file larger than the available space in the temp directory. **CLOSED** - This seems more like a Modeshape issue than a Fedora issue. It could be closed and reopened with the modeshape project

FCREPO-1907 - Removing federated-directory results in NullPointerException **CLOSED** - Copied from a github issue. [A. Soroka](#) will ping [Esmé Cowles](#) about whether the tombstone mechanism would work here

FCREPO-1818 - Multiple OAI sets not working **OPEN** - This will be addressed by the maintainer of the OAI project

FCREPO-1743 - LevelDB file creation error on Windows **CLOSED** - this is a low priority and will be closed for now

FCREPO-1559 - Attempting to delete non-existent properties short-circuits SPARQL update query. **CLOSED** - This is expected behavior for SPARQL and not a bug. [Unknown User \(daniel-dgi\)](#) should use an OPTIONAL block for possibly missing properties.