

Release Testing - 4.5.1

Code Freeze Blockers

1. In RC-1	
a.	Unable to locate Jira server for this macro. It may be due to Application Link configuration.
2. In RC-2	
a.	
b.	
c.	
d.	
e.	
f.	Unable to locate Jira server for this macro. It may be due to Application Link configuration.
3. In RC-3	
a.	
b.	
c.	
d.	
e.	Unable to locate Jira server for this macro. It may be due to Application Link configuration.
4. In RC-4	
a.	???

External Projects

- Hydra -  [Esmé Cowles](#)
 - Note: Plum and CurationConcerns tests pass. 3 test failures in ActiveFedora: [log](#), [PR](#)
- Islandora -  [Jared Whiklo](#)

Modules in Release

- fcrepo4
- fcrepo-module-auth-rbacl
- fcrepo-module-auth-xacml
- fcrepo-module-auth-webac
- fcrepo-mint
- fcrepo-transform
- fcrepo-audit
- fcrepo-webapp-plus
- fcrepo4-vagrant

Testing Plan

```
git checkout 4.5.1-RC
```

Sanity Builds

Project	Command	Platform	Tested by	Success?	Notes
fcrepo4	mvn clean install	linux	Andrew Woods Scott Prater		
fcrepo4	mvn clean install	mac	Jared Whiklo		

fcrepo4	mvn clean install	windows	Scott Prater Eric James	✓	log file (consistent failure, on Windows 7 Enterprise and Windows 10 Home) log file Windows 7 Enterprise server for this macro. It may be due to Application Link configuration.
fcrepo-module-auth-rbac1	mvn clean install	linux	Andrew Woods Scott Prater	✓	
fcrepo-module-auth-rbac1	mvn clean install	mac	Jared Whiklo	✓	
fcrepo-module-auth-rbac1	mvn clean install	windows	Scott Prater	✓	
fcrepo-module-auth-xacml	mvn clean install	linux	Andrew Woods Scott Prater	✓	
fcrepo-module-auth-xacml	mvn clean install	mac	Jared Whiklo	✓	
fcrepo-module-auth-xacml	mvn clean install	windows	Scott Prater	✓	
fcrepo-module-auth-webac	mvn clean install	linux	Andrew Woods Scott Prater	✓	
fcrepo-module-auth-webac	mvn clean install	mac	Jared Whiklo	✓	
fcrepo-module-auth-webac	mvn clean install	windows	Scott Prater	✓	
fcrepo-mint	mvn clean install	linux	Andrew Woods Scott Prater	✓	
fcrepo-mint	mvn clean install	mac	Jared Whiklo	✓	
fcrepo-mint	mvn clean install	windows	Scott Prater	✓	
fcrepo-transform	mvn clean install	linux	Andrew Woods Scott Prater	✓	
fcrepo-transform	mvn clean install	mac	Jared Whiklo	✓	
fcrepo-transform	mvn clean install	windows	Scott Prater	✓	
fcrepo-audit	mvn clean install	linux	Andrew Woods Scott Prater	✓	
fcrepo-audit	mvn clean install	mac	Jared Whiklo	✓	
fcrepo-audit	mvn clean install	windows	Scott Prater	✓	
fcrepo-webapp-plus	mvn clean install	linux	Andrew Woods Scott Prater	✓	
fcrepo-webapp-plus	mvn clean install	mac	Jared Whiklo	✓	
fcrepo-webapp-plus	mvn clean install	windows	Scott Prater	✓	
fcrepo-webapp-plus	mvn clean install - Prbac1	any?	Jared Whiklo Scott Prater	(mac) ✓ (win) ✓ (linux) ✓	

fcrepo-webapp-plus	mvn clean install -Pxacml	any?	Jared Whiklo Scott Prater	(mac)	
				(win)	
				(linux)	

Windows tests run Windows 10 Home (desktop) and Windows 7 Enterprise (laptop).

One-Click Run

Command	Platform	Tested by	Success?	Notes
java -jar fcrepo-webapp-4.5.1-SNAPSHOT-jetty-console.jar	linux	Scott Prater		Application Link configuration. Application Link configuration.
java -jar fcrepo-webapp-4.5.1-SNAPSHOT-jetty-console.jar	mac	Jared Whiklo		Resources and other links can create objects and update properties, but clicking links to other resources does not work. Log shows it appears to send a HEAD, instead of a GET. I, Bethany Seeger, observed the same thing. However, when I restarted the server, the links started working... odd. I do see the HEAD and a GET request.
java -jar fcrepo-webapp-4.5.1-SNAPSHOT-jetty-console.jar	windows	Scott Prater		

Manual Tests

All of the below should take place in the HTML UI.

1. Create nested containers
2. Create binary resources
3. Run fixity on binary
4. Update Properties: Perform SPARQL-Update on container
5. Update Properties: Perform SPARQL-Update on binary
6. Delete container
7. Delete binary
8. Use transactions
9. Create versions
10. View versions
11. Rollback versions

Tests run - [Jared Whiklo \(gist of steps\)](#)

Database Tests

With Tomcat7 deployment, run above manual tests with alternate backend databases ([Configuring JDBC Object Store](#))

Database	Platform	Tested by	Success?	Notes
MySQL	Mac	Esmé Cowles		MySQL 5.7.9 Tested with Hydra apps (Plum, CurationConcerns) and fedora4-tests scripts.
PostgreSQL	Mac	Esmé Cowles		PostgreSQL 9.4.5 Tested with Hydra apps (Plum, CurationConcerns) and fedora4-tests scripts.

Vagrant Tests

```
vagrant destroy
vagrant up
```

Test steps	Tested by	Success?	Notes
FEDORA_AUTH=true FEDORA_AUDIT=true	Andrew Woods	✓	Successfully ran <i>Core Features</i> and <i>External Integrations</i> workshop example requests
	Jared Whiklo	✓	Ran all of my tests , verified resources in triplestore and Solr
FEDORA_AUTH=false FEDORA_AUDIT=true	Jared Whiklo	✓	Ran all of my tests , verified resources in triplestore and Solr. I was using the internal audit location, so it did not go to fuseki.
FEDORA_AUTH=true FEDORA_AUDIT=false	Jared Whiklo	✓	Ran all of my tests , verified resources in triplestore and Solr
FEDORA_AUTH=false FEDORA_AUDIT=false	Jared Whiklo	✓	Ran all of my tests , verified resources in triplestore and Solr

Manual Tests

Same as above, plus:

- 1. Verify audit events are in triplestore
- 2. Verify resources are in triplestore
- 3. Verify resources are in Solr
- 4. Verify authorization works for the two auth-enabled configurations
- 5. Application Link configuration.

Results:  failure, success: 

Unable to locate Jira server for this macro. It may be due to