

Use Cases

Use Cases Wanted!

The Fedora community is encouraged to add use cases in the format detailed below by creating a new sub-page from this wiki page. In order to ensure that the community's needs are reflected in the software, this input is critical.

Also, please review the existing use cases [here](#) and comment on or "like" ones as you see fit.

Use case structure (from [Wikipedia](#)):

Title (Goal)	
Primary Actor	
Scope	
Level	
Story (A paragraph or two describing what happens)	

2019 Use Cases

Title	Creator	Modified
Update RdfSources without worrying about server managed triples	Jared Whiklo	Apr 29, 2019
Johns Hopkins University Use cases	Hanh Vu	Feb 22, 2019 2
Restore the exact state of a resource	Ben Pennell	Feb 13, 2019
Change the containment of a resource	Ben Pennell	Feb 13, 2019
Durable identifiers for resources	Ben Pennell	Feb 13, 2019 1
Efficiently traverse repository hierarchy	Ben Pennell	Feb 13, 2019
Support containers with millions of children	Ben Pennell	Feb 13, 2019
Create version of a resource after a complex update	Ben Pennell	Feb 13, 2019
Migrate to new versions of fcrepo without needing to relocate or reingest binaries	Ben Pennell	Feb 13, 2019
Proactive repository health check	Doron Shalvi	Feb 12, 2019
Migrate content from earlier versions of Fedora to Fedora 6	Doron Shalvi	Feb 12, 2019
Object validation	Doron Shalvi	Feb 12, 2019
File fixity	Doron Shalvi	Feb 12, 2019 1
Fedora 6 Use Case Example	Robin Lindley Ruggaber	Feb 11, 2019
University of Virginia - Live querying of object graph	Andrew Woods	Apr 09, 2014 4
University of Virginia - Applications can be easily built to work against fedora	Andrew Woods	Mar 26, 2014 2 1
University of North Carolina at Chapel Hill - High Volume of Concurrent Ingests	Greg Jansen	Mar 07, 2014 2 1
Archive of digitised newspapers	Kåre Fiedler Christiansen	Jan 03, 2014 3
Improve Performance	Jonathan Green	Dec 10, 2013 1
Ingesting large files into the repository	Chris Beer	Jan 08, 2013 4

Multi-tenancy Single Fedora Instance	Jonathan Green	Jan 08, 2013	2 1
Repository subsystems can scale horizontally	Benjamin Armintor	Jan 08, 2013	4
Scale for High Volume Read Access	Edwin Shin	Dec 12, 2012	
Mass Object Creation	Edwin Shin	Dec 12, 2012	
Leverage Cloud Storage	Robin Lindley Ruggaber	Oct 25, 2012	1
Scalability for Asynchronous Ingest, Access and Audit	Robin Lindley Ruggaber	Oct 25, 2012	
Research Data	Robin Lindley Ruggaber	Oct 25, 2012	2
Backups / Disaster Recovery	Jonathan Green	Oct 25, 2012	4

2012-2016 Use Cases

Title	Creator	Modified	
Tufts University - Reasonable curators administrative interface	Andrew Woods	Feb 15, 2019	3 1
Cache Warming	Ralf Claussnitzer	Feb 19, 2015	
Multiple Metadata Formats	Ralf Claussnitzer	Feb 19, 2015	
HTTP Authentication	Ralf Claussnitzer	Feb 19, 2015	
Dynamic Sets	Ralf Claussnitzer	Feb 19, 2015	
Deleted Record Policy	Ralf Claussnitzer	Feb 19, 2015	1
Hydra Authorization Use Case	Andrew Woods	May 28, 2014	4
Yale University - Fedora managing access conditions	Andrew Woods	Mar 26, 2014	4
University of Virginia - Repository generated-mediated derivatives	Andrew Woods	Jan 06, 2014	2
University of Virginia - Repository-level metadata transformations-mapping	Andrew Woods	Jan 06, 2014	
University of New South Wales - Viewing-exporting usage statistics about fedora records	Andrew Woods	Jan 06, 2014	
Reporting Functionality	Unknown User (escowles@ucsd.edu)	Apr 25, 2013	
Hybrid Use Case (Metadata Services)	Benjamin Armintor	Jan 08, 2013	4
Hybrid Use Case	Edwin Shin	Jan 08, 2013	5
Objects can be associated with a descriptive metadata service	Benjamin Armintor	Jan 08, 2013	1
UUID's: Object Mobility and Merging Stores	Neil Jefferies	Jan 08, 2013	1

Policy-controlled storage	A. Soroka	Jan 08, 2013	2 1
Using the resources of the Semantic Web to describe repository contents	Benjamin Armintor	Jan 08, 2013	4
More Functional AUDIT Datastream	Jonathan Green	Oct 25, 2012	2 1
Title	Creator	Modified	
University of Pennsylvania - Expose content through Fedora, offloading serving of binary content to a dedicated service	Katherine Lynch	Jun 09, 2016	2 1
Objects can be associated with a PREMIS event service	Benjamin Armintor	Apr 22, 2014	12
Art Institute of Chicago Use Case - Object Services	Andrew Woods	Jan 23, 2014	
Art Institute of Chicago Use Case - Content Model API	Andrew Woods	Jan 17, 2014	6
Art Institute of Chicago Use Case - Access Policies via Models	Andrew Woods	Jan 17, 2014	4
Yale University - Applications use API for updating access conditions stored in Fedora	Andrew Woods	Jan 06, 2014	3
Yale University - Programmers use API for access condition support in external systems	Andrew Woods	Jan 06, 2014	4
University of Wisconsin - Madison - Obtain list of objects that contain a given datastream	Andrew Woods	Jan 06, 2014	3
University of Wisconsin - Madison - Obtain filtered list of objects	Andrew Woods	Jan 06, 2014	5
University of Wisconsin - Madison - External Authentication and Authorization	Andrew Woods	Jan 06, 2014	9
University of North Carolina at Chapel Hill - Access Contingent Upon Workflow Metadata	Andrew Woods	Jan 06, 2014	3
University of North Carolina at Chapel Hill - Setting Individual Permissions	Andrew Woods	Jan 06, 2014	3
University of North Carolina at Chapel Hill - Unified Authorization	Andrew Woods	Jan 06, 2014	3
University of New South Wales - Updating-Editing multiple fedora records	Andrew Woods	Jan 06, 2014	2
University of New South Wales - Generate final data output for fedora storage in Cool URL format	Andrew Woods	Jan 06, 2014	1
University of New South Wales - Versioning interim data and accessible through Cool URL format	Andrew Woods	Jan 06, 2014	2
University of New South Wales - Deposit interim data in RDF format and search using SPAQRL	Andrew Woods	Jan 06, 2014	2
University of New South Wales - Data management plan ingest and storage	Andrew Woods	Jan 06, 2014	1
Tufts University - Streamlined and secure way of distinguishing open from closed data	Andrew Woods	Jan 06, 2014	4
Indiana University Use Case - Dissemination of large audio-video files	Andrew Woods	Jan 06, 2014	1

Indiana University Use Case - Support Flexible data model change	Andrew Woods	Jan 06, 2014	1
Indiana University Use Case - Easy traversal against the triplestore	Andrew Woods	Jan 06, 2014	2
University of York Use Case - Access Control	Tom Cramer	Dec 17, 2013	4
Test Coverage	Jonathan Green	Jun 13, 2013	2
Dynamic metadata : Fedora as a Semantic Object Store	Wolfram Horstmann	Jan 08, 2013	12 1
Use case [stub]: External triple store spanning several repositories	Wolfram Horstmann	Jan 08, 2013	4
Use case [stub]: Research data packages in multiple stores	Wolfram Horstmann	Jan 08, 2013	1
Repository is a continuous graph	Thorny Staples	Jan 08, 2013	3
An archaeologist at the Smithsonian collaborating with a biologist at another research institution	Thorny Staples	Jan 08, 2013	2
Researchers control the policies on their own objects	Thorny Staples	Jan 08, 2013	1
Use Case: Updating metadata fields of multiple objects	Matthias Razum	Jan 08, 2013	2 1
HTTP 1.1 Caching Support	Jonathan Green	Oct 25, 2012	4
Security	Jonathan Green	Oct 25, 2012	4
Use Case: Distributed authentication and authorization	Matthias Razum	Oct 24, 2012	3
Use Case: Storing heterogeneous research data	Matthias Razum	Oct 24, 2012	2

Title	Creator	Modified	
Islandora CLAW Transaction Use Case	Jared Whiklo	Jan 27, 2016	6
UNSW Australia Transaction Use Case for ResData	Dr. Arif Shaon	Jan 21, 2016	
ICPSR Transaction Use Cases	Harsha Ummerpillai	Jan 20, 2016	5
Indiana University Use Case - Ingest of large audio and video files	Andrew Woods	Jan 06, 2014	1
Fedora3-modify-style xml wrapper for the rest API	Egbert Gramsbergen	Jan 03, 2014	1
Archive of broadcast radio and tv	Kåre Fiedler Christiansen	Aug 12, 2013	
Harvesting repository subsets	A. Soroka	May 14, 2013	3
There is a tool for migrating Fedora 3.x content to FF	Benjamin Armintor	Jan 08, 2013	1
Repository identifiers are externally meaningful	Benjamin Armintor	Jan 08, 2013	5