

Technical Implementation Glossary

- [ActiveMQ](#)
- [Infinispan](#)
- [JaCoCo](#)
- [JCR](#)
- [Jenkins](#)
- [Jetty](#)
- [JGroups](#)
- [JUnit](#)
- [LDAPPath](#)
- [LevelDB](#)
- [Maven3](#)
- [ModeShape](#)
- [Nexus](#)
- [Sesame](#)
- [Sonar](#)
- [Spring3](#)
- [Travis](#)
- [XACML](#)

ActiveMQ

Messaging middleware used by Fedora 4 to publish repository events to consumers

Infinispan

The data grid used by Modeshape for storage and clustering

JaCoCo

A code coverage tool

JCR

A Java specification for hierarchical repositories

Jenkins

A continuous-integration tool (<http://jenkins.fcrepo.org/>)

Jetty

A light-weight servlet container

JGroups

Clustering technology

JUnit

A unit testing framework

LDAPPath

A library for querying and retrieving resources by following RDF links, similar to XPath

LevelDB

The default key-value store used by Fedora 4 to persist non-binary resources

Maven3

A build tool. Fedora 4 code is built using Maven

ModeShape

Opensource implementation of the JCR specification developed by JBoss, used by Fedora 4

Nexus

A Maven repository used to distribute software artifacts

Sesame

A tooling framework for RDF

Sonar

A source code metrics reporting tool (<http://sonar.fcrepo.org/>)

Spring3

A dependency-injection and component-wiring framework

Travis

A continuous-integration tool

XACML

XML language to specify authentication policies