

What Would You Do If You Could Start From Scratch?

(Re)building a Flexible, Extensible, Durable,
community-sourced Repository

Fedora™

Launched in January, 2013, **Fedora 4** is a three-year effort to carry forward Fedora's proven architecture and community, on a new code base, to meet the needs for robust, full-featured repository platform to serve for the next 5-10 years.

New features and functions of note

- **Auditing & fixity services**
for preservation actions, tracking and metadata
- **Simplicity**
one-click install, easy configuration and maintenance
- **Clustering**
for scalability, performance and high-availability
- **Event-driven architecture**
with support for asynchronous job execution
- **Transactions and batch operations**
for greater performance and throughput

and brand new capabilities, such as...

- **Advanced storage capabilities**
 - Policy-driven replication
 - Self-healing copies
 - Support for (very) large files
 - Pluggable back-end stores
 - Cloud-ready
- **"Projection" aka "virtual Ingest"**
Project repository services over remote file systems without ingesting content
- **Native RDF support**
W3C Linked Data Platform compliant; store and relate content via linked data

Community

- **Hundreds of registered sites worldwide**
in dozens of countries, on 5 continents
- **Scores of sponsors: \$400,000 in annual support for 2013; active and effective community governance**
- **Growing committer base**
20+ developers from >12 institutions
- **Complementary projects**
Front-end: eSciDoc, Hydra, Islandora.
Back-end: ModeShape, InfiniSpan, JCR

Refreshing a Proven Architecture Reinvigorating a Community