Stewarding Research Data with Fedora

Andrew Woods, DuraSpace
(awoods@duraspace.org)
Fedora Facts

Managed by DuraSpace (not-for-profit)

Funded by the community

Collaboratively developed by the community

Supported by 2 full-time staff members (not developers)
Fedora...

Stores, preserves, and provides access to digital objects

Supports flexible and complex content models for objects

Supports complex semantic relationships between objects inside and outside the repository using RDF

Supports millions of objects, both large and small

Interoperates with other applications and services
Key Priorities

Aligning with standards

Pursuing integrations

Supporting research data management
Frontends

Hydra
https://projecthydra.org/

Islandora
https://islandora.ca/

https://commons.wikimedia.org/wiki/File:Ruby_on_Rails_logo.svg -- cc share-alike
https://www.drupal.org/about/media-kit/logos -- GPL
http://islandora.ca/resources/logos
Fedora API Extensions

https://github.com/fcrepo4-labs/fcrepo-api-x/blob/master/src/site/markdown/apix-design-overview.md
Fedora + OSF

Integrates archiving and preservation with active research

Leverages Fedora’s native linked data functionality

Supports longer-term goal of open source solutions for research lifecycle
Community Support

Public wiki and issue tracker

Open meetings and mailing lists

Communication, outreach, marketing
Resources and Acknowledgements

Fedora Website
http://fedorarepository.org

Fedora Wiki
https://wiki.duraspace.org/display/FF

Thanks to all our members!
http://fedorarepository.org/membership
Questions?