Overview

- DuraSpace
- Selected 12 month highlights
- What’s ahead for 2012
- Fedora
DuraSpace Organization
We are committed to providing open technologies and services that promote durable, persistent access to digital data.
DuraSpace – large global network
Selected 12 month highlights
Selected 12-Month Highlights

- Turned the Corner on Income Diversification Strategy
- Successful Sponsor Program
- Thriving Global Repository Communities
- New Islandora Websites
- Integrations on Technologies
- Completion of Pilot Program and Launch Plan for Q3 2011
- Registered Service Provider Program
- Education Program
Sponsorship 2011
Registered Service Provider Program

- @MIRE
- Cilea
- Discovery Garden
- Enovation Solutions
- Longsight
- Neki Technologies
- MediaShelf
- VTLs
- Wijiri
- DURASPACE
DuraSpace.org Site

We believe that preserving the world’s intellectual, cultural and scientific heritage is vital.

We provide leadership and innovation in developing durable, open technologies. Our COMMUNITIES share solutions in more than 90 countries. Our SPONSORS are committed to preserving the scholarly record.

Our Projects

**DSpace**

DSpace is a turnkey institutional repository application. ▶ SITE

**Fedora Commons**

Fedora is a framework for building digital repositories. ▶ SITE

**Duracloud**

Duracloud is a hosted service for managing your content in the cloud. ▶ SITE

ANNOUNCEMENTS See all announcements

DuraSpace Announces New CEO and Chief Strategy Officer

Ithaca, NY... 11 weeks 5 days Read Post

NEWS See all announcements

"The Ivory Tower and the Open Web": Dan Cohen at CNI

... 18 weeks 16 hours Read Post

EVENTS See all announcements

CALL: Jason's 2011 "Spotlight on Open Source"

... 17 weeks 6 days Read Post
A simple and scalable cloud-based solution to address the challenge of preserving digital content.

- **Strategic Significance**
  - Provide easy pathway into cloud
  - Support both preservation and access
  - Simple, practical and powerful
  - Our first move into services for revenue
Upcoming Launch

Store and do more
ON-DEMAND STORAGE AND SERVICES FOR YOUR DIGITAL CONTENT

FIND OUT MORE
TRY IT
GET STARTED

News and Events
Spotlights
Open Source Community
Customer Help and Support

Thank You to Our DuraSpace Community of Supporters
A 19th Century View of Shakespeare Through the Cloud
Why Open Source?
Back Up of the Cloud: Report from Information Week Analytics
A Quick Analysis with a Side of Data
Discussion Forum
Easy Cloud Access for Collection Managers and Curators
Issue Tracker
Contact Us
Documentary
Pricing
Newsletter Sign-Up
Documentation

1 of 10 »
Services at Launch

Duplication on ingest and synchronization

Duplication on demand

Bit Integrity Checking

Scalable

Image Viewing

Media Streaming

Future: Image Transformation

...more on roadmap
Fedora/DuraCloud Integration

- Command line sync piloted and proven
- “Fedora CloudSync” UI
  - Features granular backup/restore
- Mixed Mode local/cloud repositories under research
What about the DSpace & Fedora integration?

- Issued the proposal to the community
- Held panel discussion at OR12
- Exploring data model
- A few in the community interested in the effort
What else is ahead for 2012?

• Efforts on funding diversification
• Launch incubator program
• Catalyst for community groups
• Content development for educational program
• DuraCloud – DTR & even more simple
Fedora
Where We've Been.

- August 2010 - 3.4
  - second community-managed release
  - Steve Bayliss, Acuity Unlimited

- October 2010 - 3.4.1
  - security release

- January 2011 - 3.4.2
  - bug fix release

- August 2011 - 3.5
Other Good Stuff

• Move to GitHub
  • Making developers' lives easier
  • Lowering barriers

• Growth
  • Now 12 Committers
  • Steady stream of contributors
Fedora 3.5: Current Release

- Third Community-Managed Release
  - Aaron Birkland, Cornell University

- ~20 Features/Improvements, including:
  - stage-setting for full move to Spring
  - FESL no longer dependent upon DBXML
  - functional test improvements

- ~15 Bug Fixes

- Now working on a couple issues discovered in testing
Fedora 3.6: Early 2012

- Major Focus: Performance & Stability
  - bottleneck analysis
  - stress testing
  - performance improvements
  - repeatable tests

- Move to Modern Web Services Stack
  - CXF (GSoC Project)

- Last 3.x Release
4.0 Aspirations

- Kernelization of Fedora
  - Full move to Spring
  - Fedora as Spring Bean
  - Resource Index as Service

- High Level Storage
  - Storage Plugins at the Object level

- Messaging Improvements
  - Publish events at the data modification level
  - Complete enough to replay (e.g. for Journaling)
It's a Big World.

• Popular Front-Ends
  • Hydra Heads
  • Islandora

• New Integrations
  • DuraCloud: CloudSync
  • Hadoop FileSystem: Akubra-hdfs

• Many Others
  • See Fedora Create

• Growing community
  • Particularly in gov’t: USGS, Goddard Space, NASA, NLM
Image credits

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• Octocat: http://github.com/
• Pinwheel Mo: Deb (of SmileyStuff fame)
• Finish Line: http://www.flickr.com/photos/jayneanddd/4450623309/
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• Fedora Springification: Ben Armintor (cleverly lifted from his OR11 Poster)
• This is not a social media megaphone: http://www.flickr.com/photos/altemark/337248947/
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Thank you!

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