Open Source/Community Source: The Year Ahead

Sakai: Peter Knoop
Kuali: Jennifer Foutty
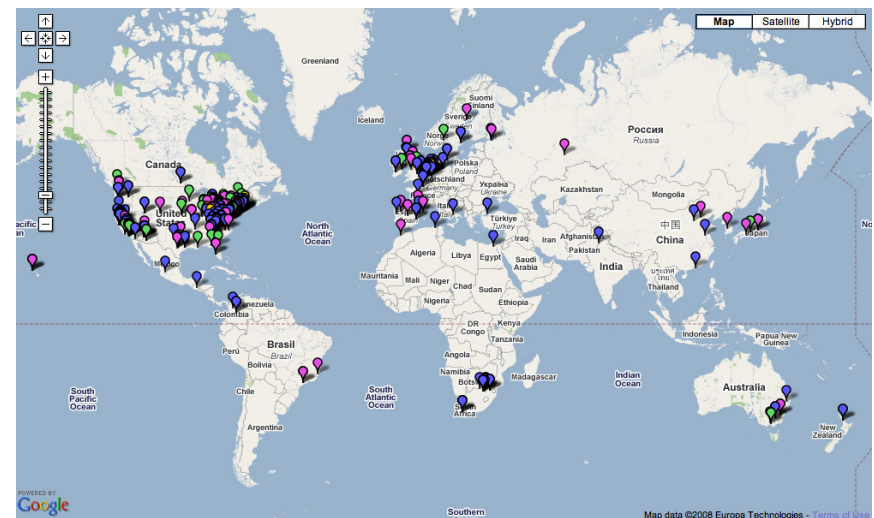Jasig: Jonathan Markow
Fedora: Sandy Payette
Dspace: Michele Kimpton

What is Sakai?

- Sakai is a Collaboration and Learning Environment (CLE) – support teaching, learning and scholarly collaboration in either fully or partially online environments
  - Very flexible and customizable
  - Enterprise-level
  - Free and open-source

Sakai in 2008: QA Focus

- Increased Foundation staff focused on QA
- Extended QA Cycle for 2.5
  - Formal *Beta* and *Release Candidates*
  - University of Cape Town running *Beta* in production
  - Final 2.5.0 release in March instead of November
- Introduction of Maintenance Releases
  - Currently on Sakai 2.5.4, the most reliable version of Sakai to date
- Challenge: Managing 2.5 and 2.6 releases simultaneously

Sakai in 2008: UX Focus

- User Experience Improvement Project
- Did not make 2.6 release
  - Not enough work completed in time for code freeze
  - Many felt design needed happen on tools before they would deploy on campus
- 2.7 or 3.0?
  - Currently the Foundation is working towards 3.0
  - Design work can be implemented for 2.7, but we need resources willing to do this
- Overall Result
  - Positive change in direction
  - Won't be satisfied until changes reach release

Sakai in 2008: Conferences

- Too much time/money spent on organizing conferences
- Reduced major community conference from twice to once per year (Boston, July 2009)
- Added emphasis on regional conferences
  - Europe
  - Africa
  - Virginia Tech
  - Australia (AuSakai)

Sakai in 2009 and Beyond: Releases

- Q1 2009: Sakai 2.6
- Q2 2009: Sakai 3 Early Adopters Release
- Q3 2009: Sakai 2.6.1, …
  - A maintenance release for fall production
- 2010
  - Q1: Sakai 2.7 (New assignments tool and gradebook?)
  - Later: First versions of Sakai 3
    - Not functionally equivalent to 2.7
    - Suitable for new adoptions
    - "Hybrid" version for existing Sakai schools
- 2011
  - Sakai 3 as full replacement
  - Maintenance releases for Sakai 2.7 through 2013
  - No version 2.8

Sakai in 2009 and Beyond: Process

- What's the same?
  - Open development process
  - Low barrier to entry for R&D projects
  - Independent projects possible/encouraged
  - Small feature development remains the same
  - Structural Similarities, possible misperception
    - R&D ≠ Contrib, Incubation ≠ Provisional, Project ≠ Core
- What is different?
  - Adherence to criteria from Incubation to Project
  - Managed process for development team(s)
  - Product Council to enforce criteria for making release
  - The notion of a maintenance group
  - *Community Acceptance? Who is the Council? Maintenance-only?*
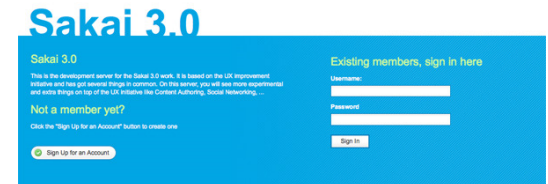
Jasig Spring Conference, Dallas, Texas, March 1-4, 2009

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kuali foundation ® Open source administrative software for education

Update from the Executive Director

Kuali – Project Description

- Enterprise-wide administrative applications
- 4 current projects:
  - Kuali Financial System (KFS)
  - Kuali Coeus (KC)
    - Research Administration,
  - Kuali Student (KS)
  - Kuali Rice
    - Middleware, infrastructure, architecture, shared modules
- Community source project, where investing partners provide resources and direct system development and enhancement

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The Organization of Kuali

Kuali Coeus (KC)

Project Board	
Project Management	Functional Council
Development Teams	Subject Matter Experts

Kuali Financial System (KFS)

Project Board	
Project Management	Functional Council
Development Teams	Subject Matter Experts

Kuali Student (KS)

Project Board		
Project Management	Functional Steering Committee	Technical Steering Committee
Development Teams	Subject Matter Experts	Technical Leads

Kuali foundation®

Board of Directors

Legal Services · Financial Management · Hosting Services
Intellectual Prop. · Collaboration Infrastructure · Event Mgmt
Licensing · Community Coordination

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Member Institutions

Kuali commercial affiliate
Kuali Commercial Affiliate (KCA)

Kuali Rice (KR)
Framework & Middleware

Project Board	
Project Management	Development Team

Kuali Enterprise Workflow (KEW)	Kuali Nervous System (KNS)
Kuali Enterprise Notification (KEN)	Kuali Identity Management (KIM)
Kuali Organization Management (KOM)	Kuali Service Bus (KSB)

Application Roadmap Committee (ARC)

Technology Roadmap Committee (TRC)

February 2009

Past Year Highlights

- Kuali Coeus (KC) release 1 delivered July 2008
- Final release of Financial System (KFS) moved into QA last month
- First implementations of KFS underway
- Kuali Student (KS) completed all architecture documents and began development
- Kuali Rice became its own project with investing partners
- Kuali Rice was implemented at some schools
- Began reviewing potential new Kuali projects

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Upcoming Year

- KFS will be implemented by 2-3 partners, and possibly others
- Kuali Rice release 1 will be delivered
- KFS release 3 will be delivered
- KC release 2 will be delivered
- KS release 1 will be delivered
- Since KC is modular, we may see implementations of release 1
- Kuali Rice will be used by quite a few partner schools as middleware and application development
- We will onboard new projects
- We will move toward a sustaining model for KFS

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- Jennifer Foutty, Executive Director
- jfoutty@kuali.org
- www.kuali.org

![kuali foundation logo]

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The Year in Review

- New web site, new logo, new name!
- Created two new membership classes
- Created Jasig Solutions Provider Program
- Ended 2008 on solid financial footing
- Created Jasig Incubation process
- Expanded Board of Directors
- Held second successful "Unconference"

The Year in Review

- Developed Incubation process
- Significant product releases
  - uPortal 3.1(RC)
  - CAS 3.3.1
- Jasig named to **EContent 100** list for 2008 to 2009 (second straight year)
  - "Our list of the 100 companies that matter most in the digital content industry"

The Year Ahead

- Continued uPortal – Fluid collaboration
- Rollouts of uPortal 3.x picking up steam; significant UX enhancements
- Rewrite of the administrative UI
- Add SAML support to CAS 4
  - Attributes, Federation
  - "Swiss Army Knife" of protocol translators
  - Service Management improvements

The Year Ahead

- "Future Portal"
- Marketing: Case Studies
- Co-Sponsoring ACAMP with Internet2
- Creating a portlet bundle for distribution; working on a SunGard Banner portlet collaboration
- A number of incubation applications:
  - OpenRegistry (tentative)
  - ESUP HelpDesk
  - Others on deck for consideration

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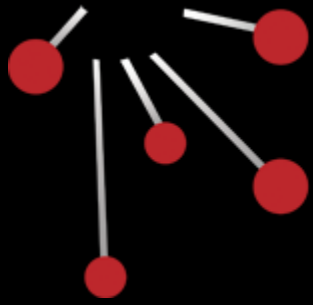
FedoraCommons™

Scholarly/Scientific Infrastructure

Digital Libraries and Collections
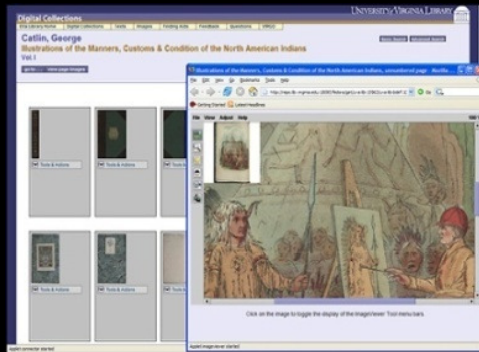
Data Curation
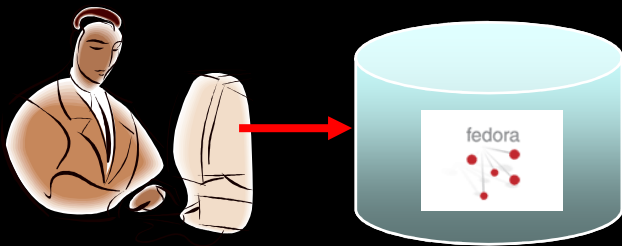
Museums and Education

and more …

A Brief History...

501(c)(3)
Non-profit
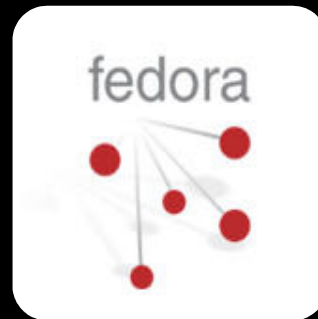
Fedora Project Phase 1 • Digital Repository • Web services • XML	**Fedora Project Phase 2** • SOA • More Services • Semantic Technologies	**Fedora Commons** • Infrastructure • Web-fit • Sustainability • Integrations	
2001	2005	2007	2012+

Major Funders

| Mellon | Mellon | Moore

Mellon | *Community, Partners, Donors* |

Store, manage, access of inter-connected digital objects

- Documents
- Text
- Data
- Simulations
- Images
- Video
- Computations
- Automated Analyses
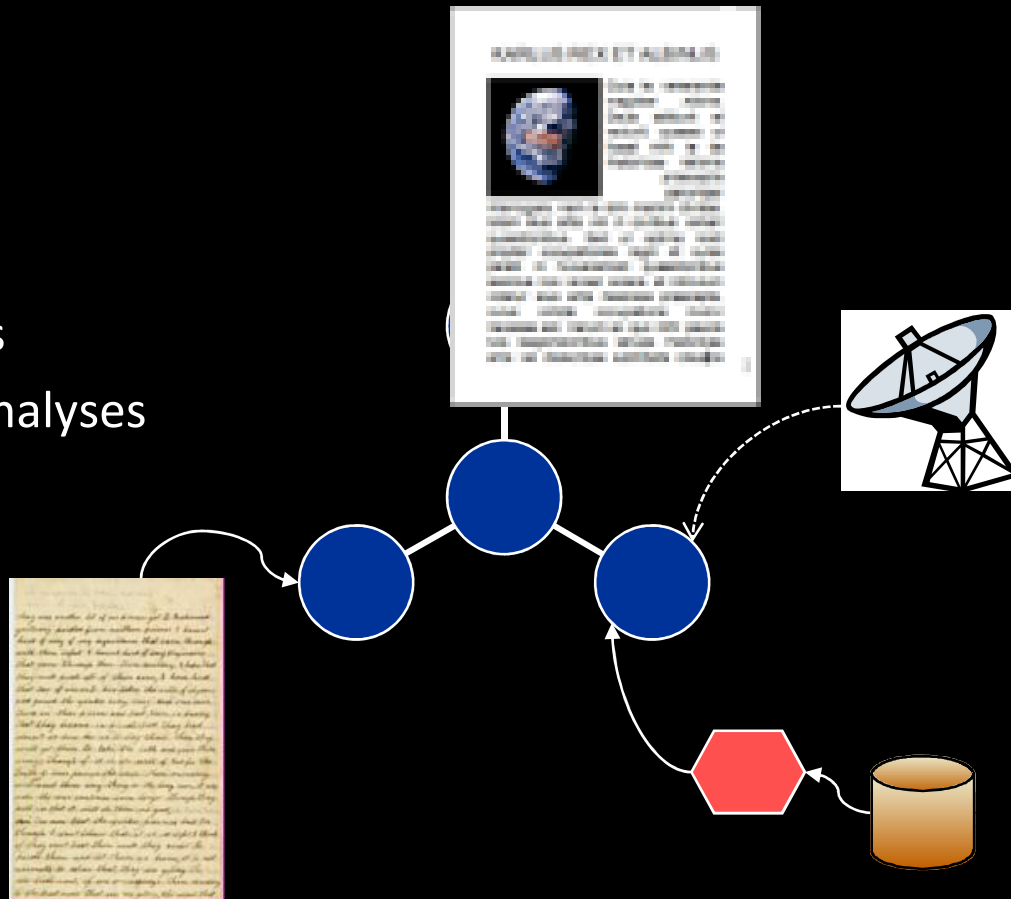
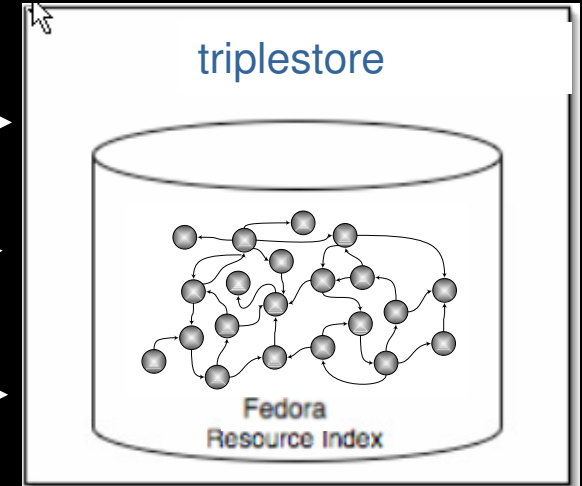# Fedora Repository Service + Semantic Triplestore

Digital Object Repository

Fedora Repository
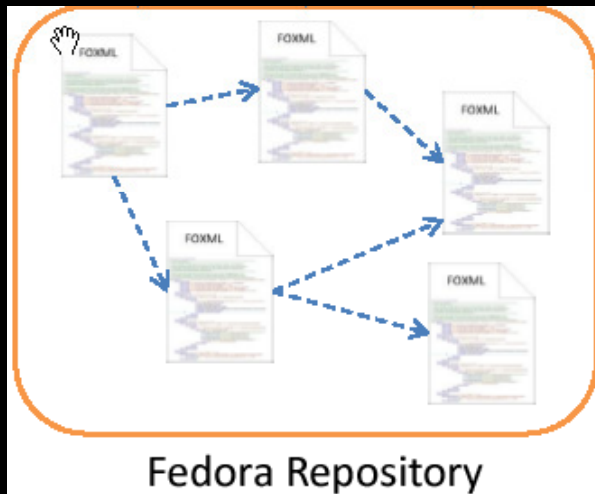
Relationships

Essential Properties

Dublin Core

RDF Graph Index
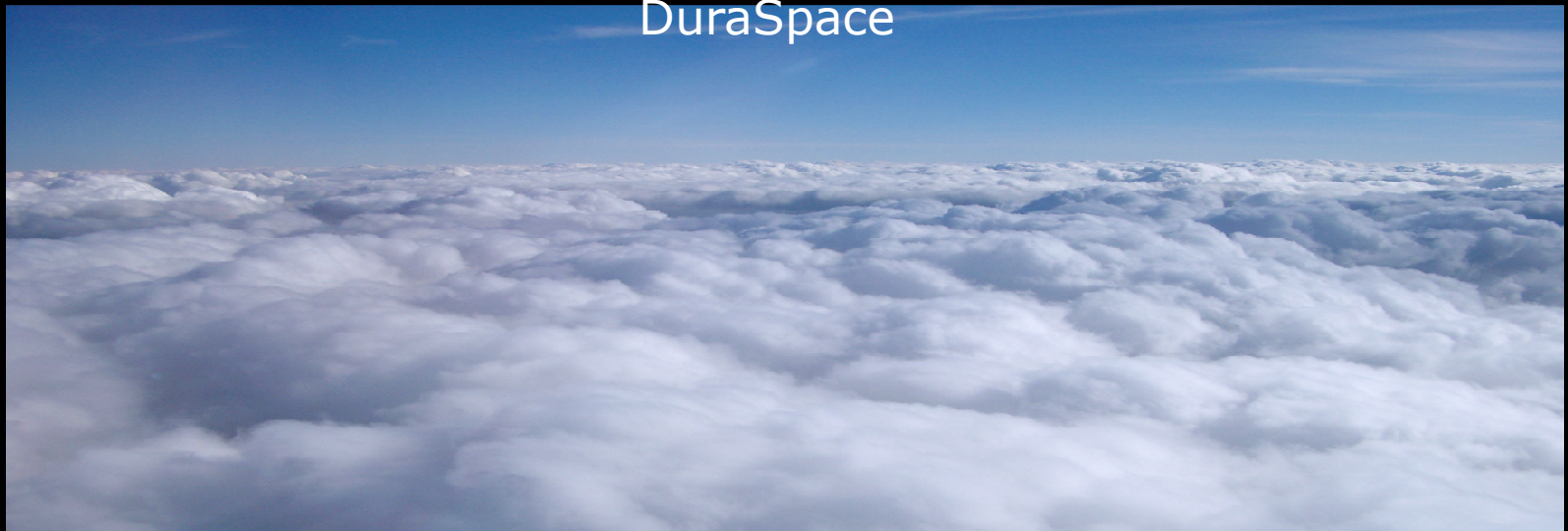
triplestore

Fedora Resource Index

Repositories as components of Web information infrastructure

Partnership with DSpace Foundation

DuraSpace

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DSpace Foundation
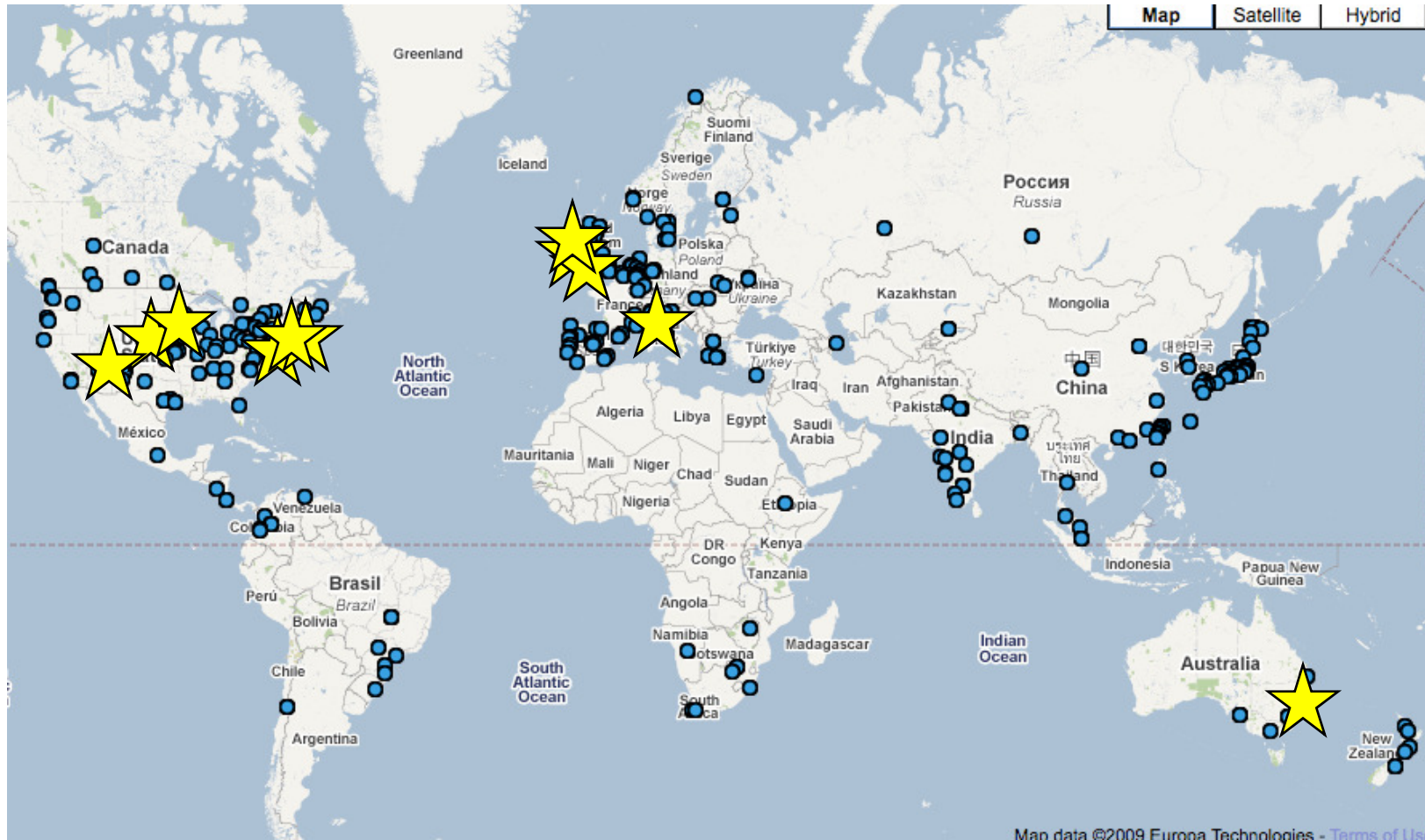
Open Source Repository Platform

Michele Kimpton

Executive Director, DSpace Foundation
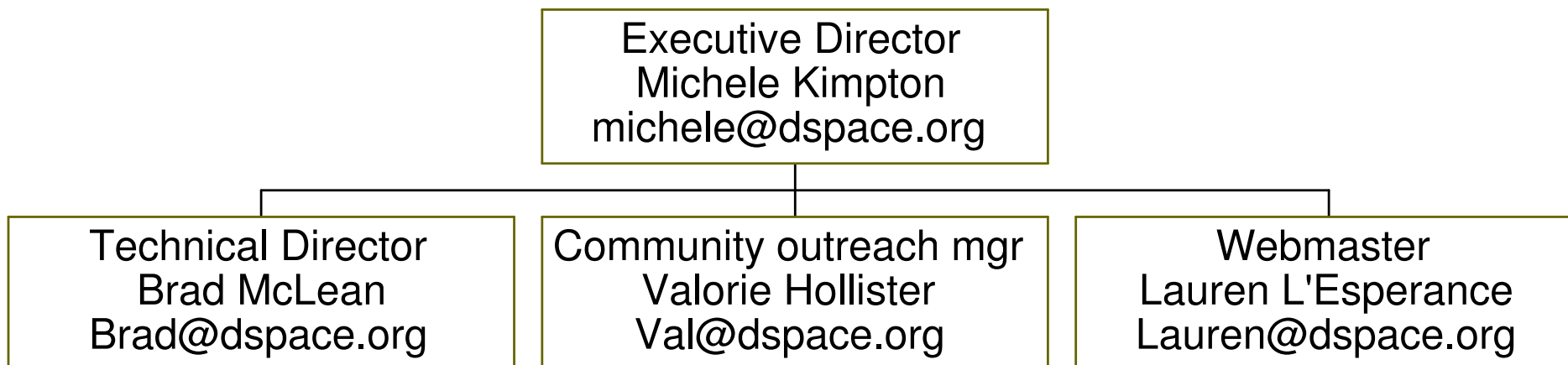
Michele@dspace.org

DSpace.org   3/5/2009

500 users WW, 10-15 new users/month

DSpace Foundation

**Promote DSpace, advance the platform,
support the community**

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                    ┌─────────────────────────┐
                    │   Executive Director     │
                    │   Michele Kimpton        │
                    │   michele@dspace.org     │
                    └─────────────────────────┘
```

Technical Director Brad McLean Brad@dspace.org	Community outreach mgr Valorie Hollister Val@dspace.org	Webmaster Lauren L'Esperance Lauren@dspace.org

Key accomplishments 2008

▶ Launched DSpace 2.0 project

▶ Launched Global outreach committee, monthly online newsletter

▶ Formed key strategic partnerships-

  ▶ NITLE, Fedora Commons, Microsoft, Sun

▶ Launched Sponsorship program

Priorities 2009

▸ Release of 2.0

▸ Launch of DuraSpace

▸ Strategic service partner program

▸ Programs aimed at expanding community engagement

For more information

▸ Visit our website at www.dspace.org

Or contact myself at michele@dspace.org