DuraSpace

The Joining of Fedora Commons and the DSpace Foundation

Bradley McLean
Chief Technology Officer

Valorie Hollister
Director of Community Development
DSpace Project

Wednesday, October 14, 2009
Mission

... to benefit the public through the creation and deployment of open source software aimed at supporting scholarly communications and scientific research, improving the quality of education, promoting free and open access...

Support libraries, museums, and cultural institutions by offering open source software to facilitate the creation, management, and preservation of digital collections...

To lead the collaborative development of open source software that enables services for access provisions, stewardship and re-use of digital assets with a focus on educational, scholarly and research materials.

To provide a platform for innovation in these areas with an overarching goal of promoting the dissemination and future utility of information and knowledge.
Governance

Board of Directors
Executive Team

Chief Executive Officer
(Sandy Payette)

Chief Technology Officer
(Brad McLean)

Chief Business Officer
(Michele Kimpton)
Goals of DuraSpace Organization

- **Support**: Provide leadership, support, and advocacy for our existing DSpace, Fedora platforms, and related open source communities
- **Innovate**: Develop new services and offerings that extend beyond our existing software to serve both new and existing communities
- **Sustain**: Develop a sustainable non-profit organization by bringing in revenue and funding from multiple sources
Our Focus

Open technologies for durable digital content
DSpace and Fedora projects

Largest share of open repositories worldwide
... over 700 institutions tracked in our registries

Universities
Research Centers
Libraries
Archives
Cultural Heritage
Government
More...
Combined Value

- Mission centric vs. product centric
- Can support and provide leadership to combined community (and bring together)
- Develop technologies that support the entire community
- Critical mass of people to move projects forward
GOALS AND PRIORITIES
2009/2010
Open Source Synergies
Services
Community development
## Service Providers

<table>
<thead>
<tr>
<th>Company</th>
<th>Address</th>
<th>Contact</th>
<th>Repository Services</th>
<th>DSpace Contributor</th>
</tr>
</thead>
</table>
| @MIRE  | @mire NV  
Romeinse straat 18  
3001 Heverlee  
Belgium  
http://atmire.com/ | Bram Luyten  
+32/28882956  
info@atmire.com | design, development, installation/configuration, integration, customization, hosting, training and analysis | Yes |
| CILEA  | The AePIC Team, CILEA  
Italy  
http://www.aepic.it/ | Susanna Momati  
+39-348-7090226  
momati@cilea.it, aepic@cilea.it | design, development, installation/configuration, integration, customization, hosting, training, consultancy | Yes |
| Enovation Solutions | Enovation Solutions, Ltd  
The Friary  
Bow Street  
Dublin 7  
Ireland  
http://www.enovation.ie/ | +353/16024784  
info@enovation.ie | design, development, installation/configuration, integration, customization, hosting, training and analysis | |
| LONGSIGHT | The Longsight Group LLC  
15410 Tiger Valley Road  
Danville, Ohio 43014  
http://www.longsight.com/ | Scott Siddall  
+001/866-224-5721 x801  
information@longsight.com | design, development, installation/configuration, integration, customization, hosting, training, consulting | |
| Open Repository | Open Repository  
BioMed Central Ltd  
Middlesex House  
34-42 Cleveland Street  
W1T 4LB  
London, UK  
http://www.openrepository.com | Dominic Tate  
Marianne Josserand-Haska  
+44/02076319947  
dominic.tate@biomedcentral.com, marianne@biomedcentral.com | design, development, installation/configuration, integration, customization, hosting, training.  
http://demo.openrepository.com/demo/ | |
| SDLC | Scottish Digital Library Consortium  
c/o Main Library,  
University of Edinburgh  
George Square, EH8 9LJ | Clare Whittaker,  
clare.whittaker@ed.ac.uk | customization, hosting, training for organisations in Scotland | Yes |
Advocacy

Open Source
Open Access
Preservation
Durable Web
For more info
DSpace Project Report
DSpace Project Priorities

- Reach out to new users
- Improve communication and coordination
- Build partnerships
- Improve infrastructure
- Manage roadmap and improve process
Software Platform

- Two point releases, 1.5.1 and 1.5.2
- 1.6 planned for November
- 2.0 technical preview released
- Expanded our committer pool and improved the process
Process

Welcome to the DSpace Jira. DSpace 2.0 development activity is managed in the project "DSpace 2.0 (DSB)". DSpace 1.5.X activity is in "DSpace 1.X (DS)".

### DSpace 1.x (DS)
- **Project Lead:** Bradley McLean
- **Reports:** Open Issues | Road Map | Change Log | Popular Issues | Subversion Commits | Versions | Components | FishEye | Crucible

#### Filter Issues:
- All
- Outstanding
- Unscheduled
- Assigned to me
- Reported by me
- Resolved recently
- Added recently
- Updated recently
- Most important

### DSpace 2.0 (DSB)
- **Project Lead:** Bradley McLean
- **Reports:** Open Issues | Road Map | Change Log | Popular Issues | Subversion Commits | Versions | Components | FishEye | Crucible

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<td>@Mire NV</td>
<td>Romenoise straat 18 3001 Heverlee Belgium</td>
<td>Bram Luyten +32/26882956 <a href="mailto:info@atmire.com">info@atmire.com</a></td>
<td>design, development, installation/configuration, integration, customization, hosting, training and analysis</td>
<td>Yes</td>
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<td>Cilea</td>
<td>The AePIC Team, CILEA Italy</td>
<td>Susanna Momati +39-348-7090226 <a href="mailto:momati@cilea.it">momati@cilea.it</a>, <a href="mailto:aeepic@cilea.it">aeepic@cilea.it</a></td>
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<td>Longsight Group LLC</td>
<td>The Longsight Group LLC 15410 Tiger Valley Road Danville, Ohio 43014</td>
<td>Scott Siddall +001/866-224-5721 x801 <a href="mailto:information@longsight.com">information@longsight.com</a></td>
<td>design, development, installation/configuration, integration, customization, hosting, training, consulting</td>
<td></td>
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<tr>
<td>Open Repository</td>
<td>Open Repository BioMed Central Ltd Middlessex House 34-42 Cleveland Street W1T 4LB London, UK</td>
<td>Dominic Tate Marianne Josserman-Haska +44/02076319947 <a href="mailto:dominic.tate@biomedcentral.com">dominic.tate@biomedcentral.com</a> <a href="mailto:marianne@biomedcentral.com">marianne@biomedcentral.com</a></td>
<td>design, development, installation/configuration, integration, customization, hosting, training</td>
<td>Yes</td>
</tr>
<tr>
<td>SDLC</td>
<td>Scottish Digital Library Consortium c/o Main Library, University of Edinburgh George Square, EH8 9LJ</td>
<td>Clare Whittaker, <a href="mailto:clare.whittaker@ed.ac.uk">clare.whittaker@ed.ac.uk</a></td>
<td>customization, hosting, training for organisations in Scotland</td>
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Community Outreach

- Newsletter
- Webinars
- Website
- Global Outreach Committee
- Ambassador Program
DSpace open source software enables open sharing of content that spans organizations, continents and time.

Top Reasons to use DSpace software

New User

Take a tour
Download Current Release
Who's Using DSpace

News

DSpace User Group Meeting at OR09 Webcast
May 14, 2009
Read more...

DSpace Foundation and Fedora Commons Join Together to Create DuraSpace Organization
May 12, 2009
Read more...

NewSpace, a monthly publication for the DSpace community

Upcoming Events

Open Repositories 2009
May 18, 2009 (08:00 AM) - May 21, 2009 (11:59 PM)
12th International Symposium on Electronic Thesis and
Addons/Extensions

DSpace

ABOUT DSPACE
GETTING STARTED
USERS / DEVELOPERS
• Current Release
• Bugs, Features, Enhancements
• Add-ons and Extensions
• Software Development
• Contributors
• User Group Meetings
NEWS AND EVENTS
RESOURCES
Username
Password
Remember Me
Forgot your password?
Forgot your username?
Create an account
Vids
Feature Issue Tracking
Discussion Forum

Index of add-ons

DSpace Add-ons
Add-ons Available for Purchase
Resources
Commenting
Reporting Suite
Google Analytics Tracking Code
Dublin Core Meta Toolkit
Metadata Quality
Google Indexing of DSpace Instances
Embargo
Audio/Visual Streaming
Language Packages
Joomla! Collections, Archives and Repositories
Image Zone
Manakin Themes
Lightweight Network Interface
Document Streaming
OAI Harvester Plug-In for DSpace
Controlled Vocabulary/Ontology
Pluggable Storage/S3
Recommendation
Request Copy
Semantic Search for DSpace
Statistics
Web of Communications
Lightweight JHOVE format validator and plug-in

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Use Cases

Although the most common use of the DSpace software is by academic and research libraries as an open access repository for managing their faculty/student output, there are many other ways organizations use the platform. The grid below provides examples of the major use case categories as well as several examples of each. To see the detail, simply click on the individual use case boxes. To view a list of known DSpace instances, click here.

- Institutional Repository
- Image Repository
- Audio/Video Repository
- Museums / Cultural Heritage
- Government Records / Reports
- Subject
- Learning Resources
- Federated Repositories / Networked Instances
Global Outreach Committee

- Formed in fall 2008
- Determined initial projects & priorities
  - List of addons/extensions
  - Social Network
  - Community Survey
  - Dynamic Database
  - Ambassador Program
Ambassador Program

The DSpace Ambassador Program seeks to identify a volunteer in every country or region to be a point of contact for organizations just getting started with DSpace. These Ambassadors help new or potential users with general questions about DSpace as well as providing guidance on additional resources available in the larger DSpace community. Ambassadors are also encouraged to help build the DSpace user network within their country. The Ambassador role is primarily for those serving as repository managers or administrators at their organization, although anyone with DSpace knowledge and experience is eligible. Click here for more information and a listing of the current Ambassadors.

Background
There are currently over 700 DSpace instances in over 70 different countries with a variety of use cases. While there are many helpful resources available to the community, barriers due to geography and language can make it challenging for new or potential DSpace users to connect with the DSpace community.

Program Goal
The main focus of a DSpace Ambassador Program is to identify a DSpace user in every country or region who is willing to volunteer to be a point of contact for organizations just getting started. These Ambassadors will help new or potential users with general questions about DSpace as well as providing guidance on additional resources available in the larger DSpace community.

Ambassador Activities
DSpace Ambassadors will be identified by country/region on the dspace.org website, they will also be listed in the welcome letter that goes out to new users in the community. New or potential users can contact the Ambassadors with questions. While the Ambassador is not intended to be a technical expert, they should be able to guide individuals in the right direction for more technical questions (DSpace manual, website references, wiki, mailing lists, etc.). ideally the Ambassador will also help to identify resources, such as new helpful references or new service providers in their country or region. Some Ambassadors may also be invited in planning regional DSpace user group meetings or trainings. Ambassadors can also leverage their efforts along with other networks, associations and groups that may already exist in their region/country. DuraSpace and the DSpace Global Outreach Committee will work closely with the DSpace Ambassadors to ensure they can be successful in their role.

Ambassador Qualifications
The Ambassador role is primarily those serving as a repository manager/administrator at their organization, although anyone with DSpace knowledge and experience is eligible.

Ambassador Tools
There is a wiki tool kit available for Ambassadors that provides useful references. There is also a DSpace Ambassador mailing list.
Welcome to the pilot test of DuraSpace Crowdvine! This social network is intended to be a place where individuals involved with or interested in repositories can interact with others in a more personal way. While the network has been built with DuraSpace platforms in mind (DSpace and Fedora), we welcome anyone to join.

Carol Minton Morris left a note
Would you like to brainstorm about what type of serial publication or new media might be interesting-fascinating and useful/b and for the DuraSpace community? Please leave me a note with suggestions for how/when we might talk. I will be at EDUCAUSE Nov. 4-6.

Valerie Hollister posted Feedback on Crowdvine Tool – please add your comments
Please post your comments about the Crowdvine tool here -- or email me at val@dspace.org. Comments from DSpace Global Outreach Cntr: 1. It might be helpful to add the Ambassador Regions to the cloud list. 2. Would it be possible to also “activate” the state in user profiles making it easier to track local DSpace users. 3. How will
Solution Communities

DuraSpace solution communities are intended to be formed by interested members of the larger community around a particular solution area, for which repository-based applications could be built. We at DuraSpace see these communities as being relevant to our mission in the most general sense, about activities that relate to ensuring the durability of digital information in all use cases, and we encourage participation whether you are using DuraSpace software products or not.

Developing communities are:

- Data Curation
- Open Access Publishing
- Preservation and Archiving
- Scholars Workbench
- Small Archives

Fedora create community - This was the SoFedora Repository Service. If you are a developer, DuraSpace is using a bottom-up approach to a sharing information and trying to have both facts.

A link to the current statement of our methodology.

- Community Development Methodology
- Open Issues
- Bibliography

Preservation and Archiving Solution Community

The mission of the Fedora Preservation and Archiving Solution Community is to establish the community framework to develop and support the preservation needs of the users of Fedora-based software including scientists, scholars, archivists, librarians, educators, and managers. The scope of the community’s effort will be the complete life cycle of the digital object, independent of format, structure, or content. Through a collaborative process, we will leverage existing capabilities from the Fedora community and from the larger community that is involved in digital preservation. Our ultimate objective will be to develop the preservation architecture and comprehensive preservation capabilities including frameworks and supporting technologies that can be used selectively.
Community Sponsorship

Initiated community sponsorship program to help provide financial support to the Foundation

<table>
<thead>
<tr>
<th>US Sponsors</th>
<th>International Sponsors</th>
</tr>
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<tbody>
<tr>
<td>Indiana University</td>
<td>Athabasca University Libraries, Canada</td>
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<tr>
<td>Kansas State University</td>
<td>CILEA, Italy</td>
</tr>
<tr>
<td>New York University</td>
<td>EDINA National Data Centre, University of Edinburgh, UK</td>
</tr>
<tr>
<td>Oregon State University</td>
<td>Gothenburg University Library, Sweden</td>
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<tr>
<td>Rice University</td>
<td>University of Auckland, New Zealand</td>
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<tr>
<td>Smithsonian Institution</td>
<td>University of Calgary, Canada</td>
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<td>University of Arizona</td>
<td>University of Hong Kong, Hong Kong</td>
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<tr>
<td>University of Delaware</td>
<td>University of Regina, Canada</td>
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<td>University of Hawaii</td>
<td>University of Technology, Sydney</td>
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<td>University of Kansas</td>
<td>University of Toronto, Canada</td>
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<tr>
<td>University of Michigan</td>
<td>York University, Canada</td>
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<tr>
<td>Vanderbilt University</td>
<td>Woods Hole Oceanographic Institution</td>
</tr>
<tr>
<td>Youngstown State University</td>
<td>MIT Libraries</td>
</tr>
</tbody>
</table>
DSpace Project Team

Entire DuraSpace team: http://duraspace.org/people.php
Thank-you.