

DSpace

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Chair, DSpace Steering Committee

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DSpace

DSpace is the software of choice, **since 2002**, for academic, non-profit, and commercial organizations building **open digital repositories**. It is free and **easy to install "out of the box"** and completely customizable to fit the needs of any organization.

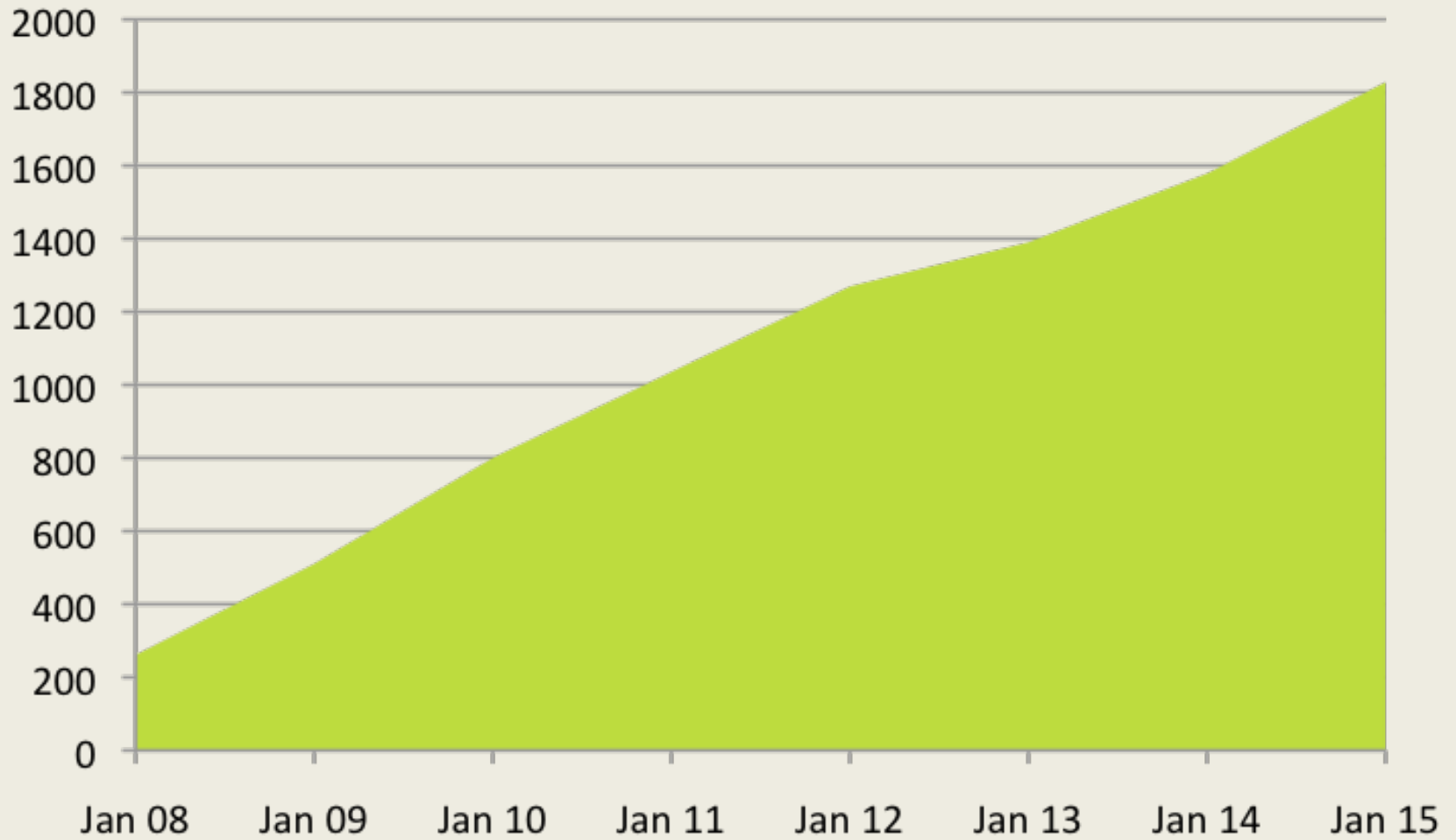


DSpace

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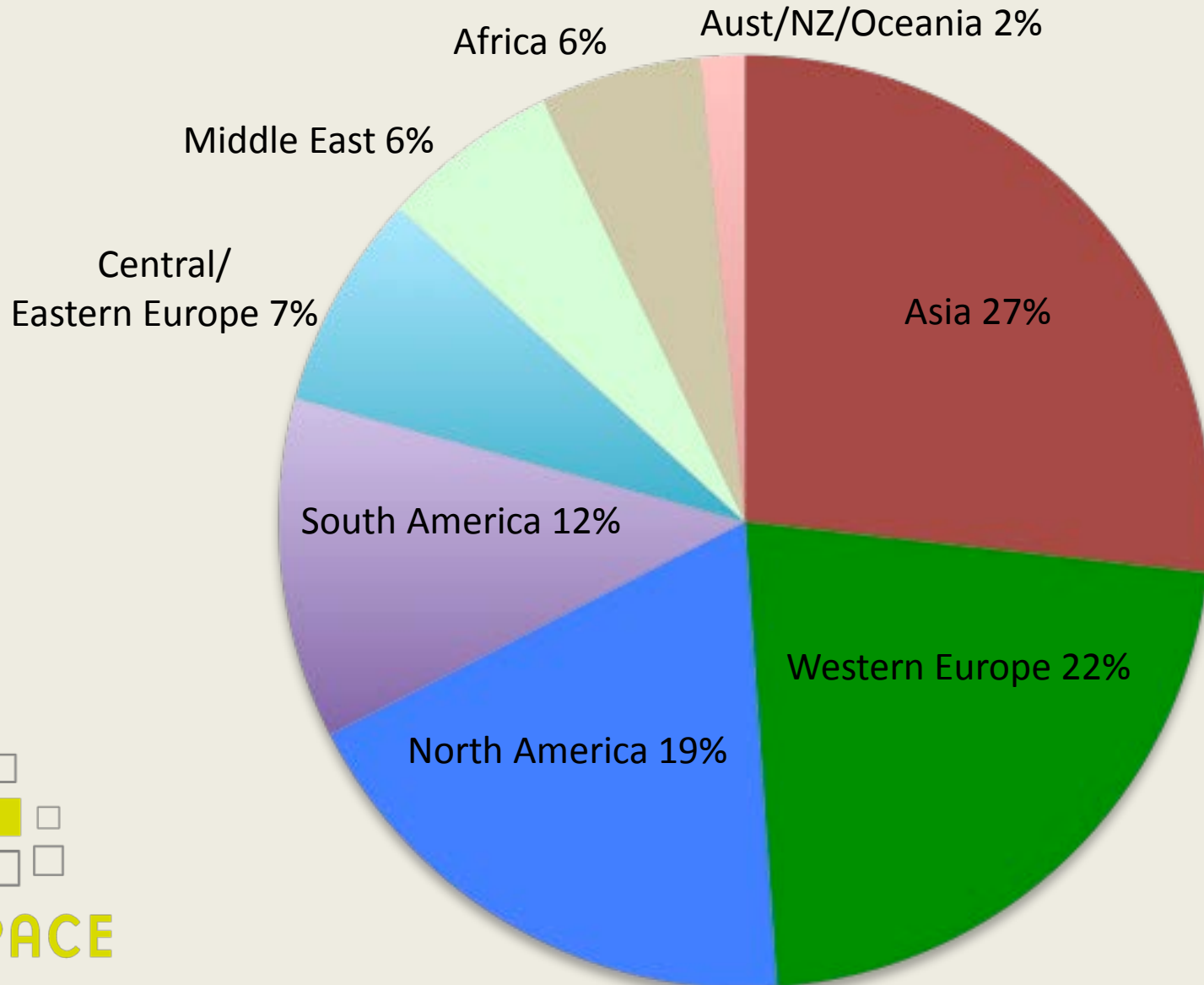


Community



DSpace continues to grow steadily with 250 new instances in 2014

Community



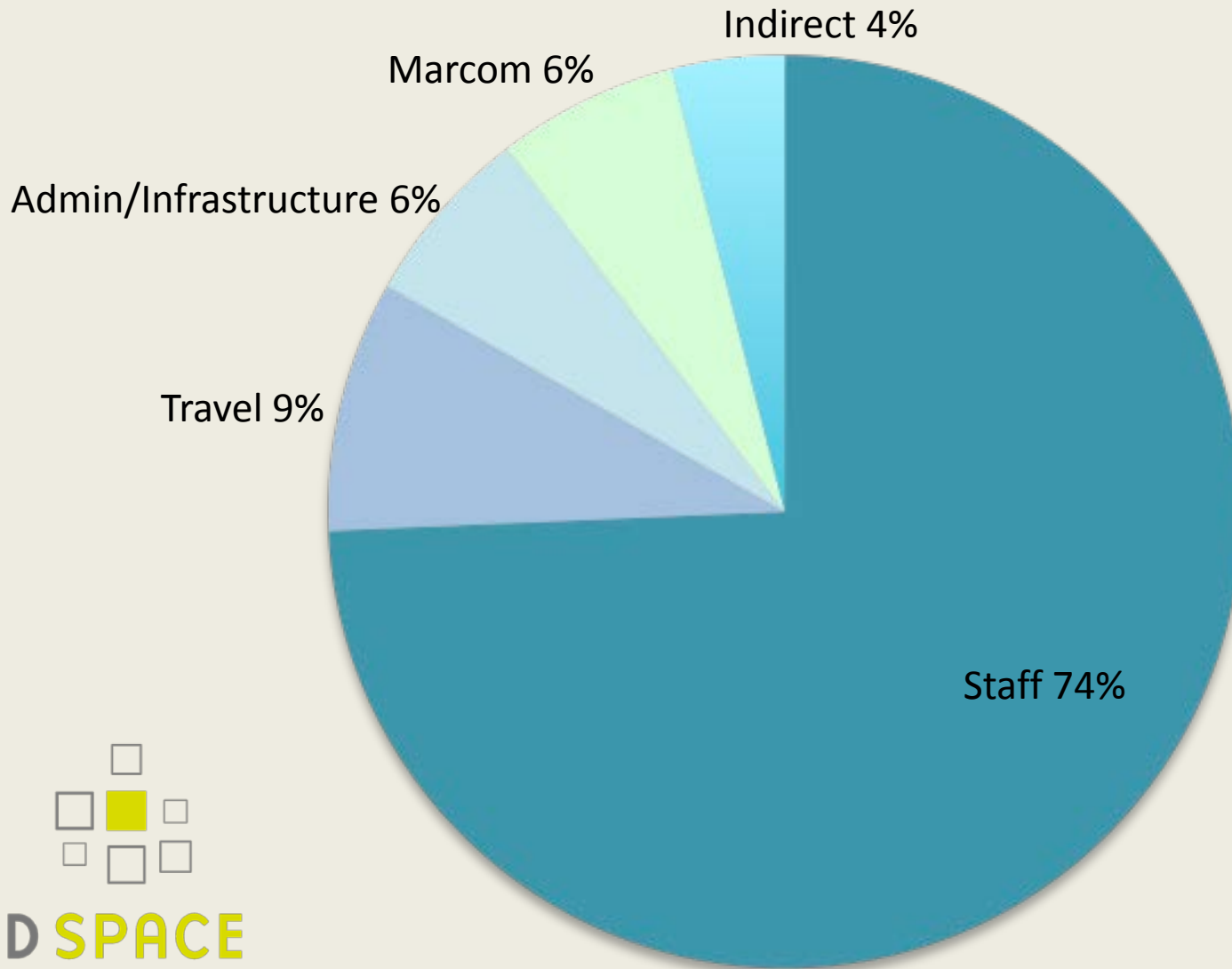
Budget

	2014 Actual	2015 Budget
Membership Revenue	\$278,583	\$280,000
Registered Service Provider	\$30,750	\$30,000
Grants/Other	\$16	\$0
Revenue Total	\$309,349	\$310,000
Staff (1.17 FTE)	\$218,094	\$230,339
Travel	\$18,280	\$18,280
Support Services	\$36,832	\$36,832
Marketing	\$2,926	\$2,926
Community Meetings	\$5,218	\$5,218
Indirect Expenses	\$11,605	\$11,605
Expense Total	\$292,955	\$305,199
Net Income	\$16,395	\$4,801

DSPACE Revenue in 2014 includes an allocation of \$34,000 from general membership

DSPACE FTE includes: 0.61 Tech Lead, 0.56 Strategic/Community/Executive Support

Budget — Expenses



Members

Platinum — \$20K or more (3)

Brazilian Institute for Information Science and Technology (IBICT)

MIT

Texas Digital Library

Gold — \$10K (6)

Fundacao para a Ciencia e a Tecnologia, I.P.

Indiana University Purdue University Indianapolis

The Ohio State University

University of British Columbia

University of Cambridge

University of Illinois



Members

Silver — \$5K (8)

National Library of Finland

Northern Illinois University

Rice University

University of Calgary

University of Edinburgh

University of Manitoba

University of Ottawa

University of Victoria



Members

Bronze — \$2,500 (36)

Auburn University Libraries

Brandeis University

Cornell University

CLIR

Creighton University

George Mason University

Georgetown University

Gothenburg University Library

Imperial College London

Malmo University

MBLWHOI Library, Woods Hole

New York University

Oakland University, Kresge Library

Qatar University

Oregon State University

Princeton University

Santa Clara University Library

State University of New York

University of Adelaide

University of Auckland

University of Chicago Library

University of Hawaii at Manoa

University of Hong Kong

Université de Liège

Université de Montréal

University of Oklahoma Libraries

University of Regina

University of the Sunshine Coast

University of Technology Sydney

University of Waterloo

Utrecht University

Vanderbilt University Library

Vrije University Amsterdam

Washington State University Libraries

The World Bank

Youngstown State University

Registered Service Providers

Argonet — South Korea

Arvo Consultres — Spain

@mire — Belgium

Cineca — Italy

D Square Technologies — India

IBAI Sistemas — Spain

Longsight — United States

Neki Technologies — Brazil

Open Repository — United Kingdom



Software Development — 5.x Release

General:

- [Easier upgrading to 5.x from any previous DSpace version \(1.x.x, 3.x or 4.x\)](#) Your underlying DSpace database now upgrades itself automatically when you first run a newer version of DSpace. Solr/Lucene indexes upgrade automatically during the "ant update" step.
- Perform Batch Imports from Administrative UI ([XMLUI or JSPUI](#))
- [REST API](#) now supports CRUD (Create/Read/Update/Delete)
- [Linked \(Open\)](#) via a new RDF interface
- OAI-PMH improvements, including OpenAIRE v3 compliance
- [Enhanced Image and PDF Thumbnails using ImageMagick / Ghostscript](#)
- File downloads now tracked in [Google Analytics](#) (when enabled)
- Enhancements to [DOI support](#) (EZID IdentifierProvider Metadata Mapping)
- Provide a place for third-party plugins/JARs to be discovered by DSpace ([plugin.classpath](#))
- All DSpaceObjects now have underlying metadata support

Software Development — 5.x Release

XMLUI-specific:

- [Mirage 2 responsive theme](#), based on [Bootstrap](#)
- [ORCID integration](#)
- [Report Google Analytics statistics in Admin UI](#)
- Autogenerate [PDF citation cover pages](#) for all PDFs
- [Sherpa/Romeo lookup during item submission](#)
- Rendering MathML code in abstracts using MathJax (see [DS-635](#))

JSPUI-specific:

- Drag and drop file upload (using HTML5) in Submission Process (see [DS-1994](#))
- [Item visual indicators in browse and search results](#)



Software Development — 5.x Release

5.x Release Team:

- Peter Dietz — Longsite
- Hardy Pottinger — Universtiy of Missouri Library System
- Ivan Masár
- Mark Wood — IUPUI
- Robin Taylor — University of Edinburgh
- Pascal-Nicolas Becker — Technische Universität Berlin

Other Contributors:

- Tim Donohue — DuraSpace
- @mire
- Czech Technical University in Prague
- Greek National Documentation Centre/EKT
- João Melo — Lyncode
- Terry Brady — Georgetown University

Software Development — 5.x Release

5.0 Release Notes for more information:

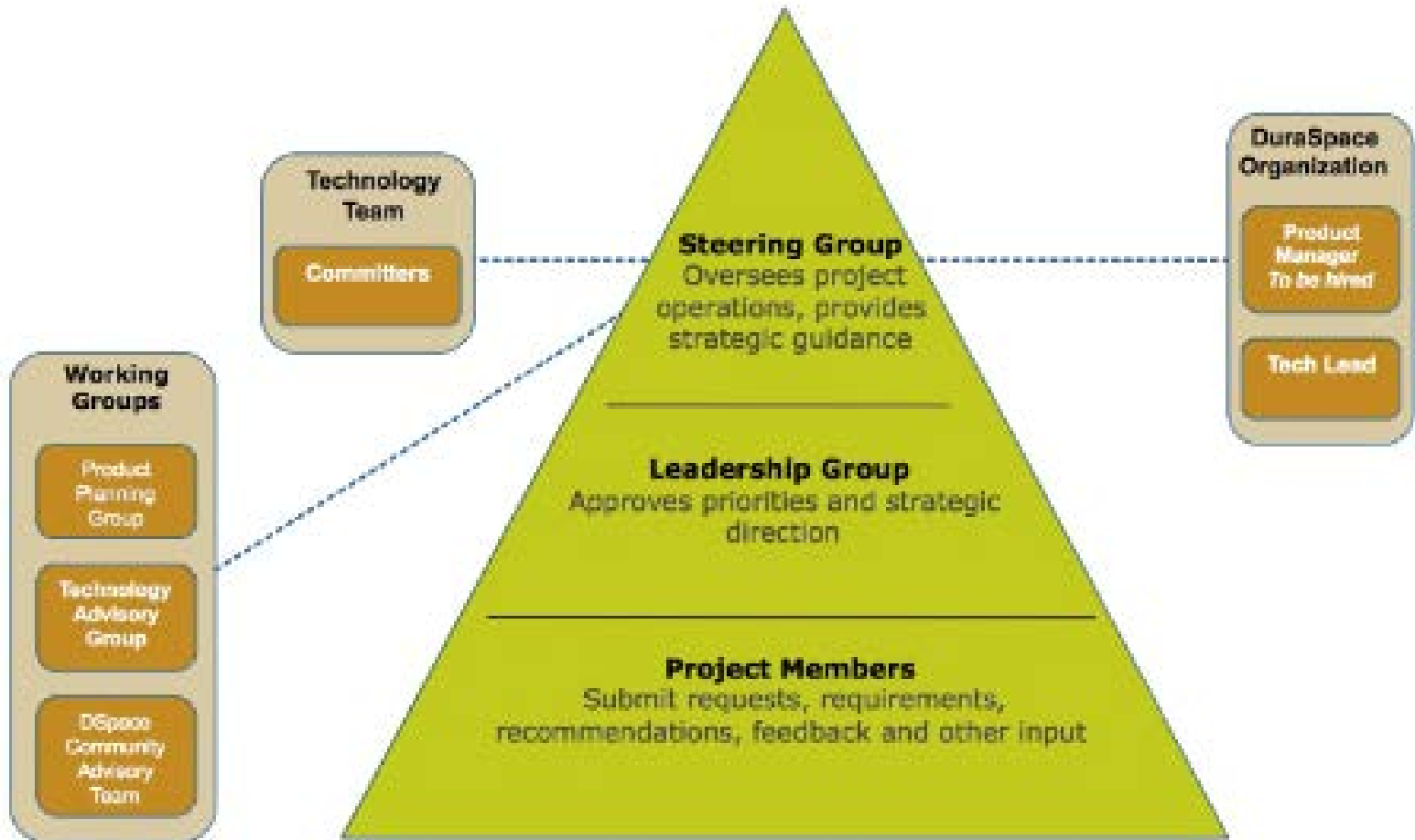
<https://wiki.duraspace.org/display/DSDOC5x/Release+Notes>

Several security releases on February 25, 2015

DSpace versions 5.1, 4.3 and 3.4) which resolved some reported security vulnerabilities in the XMLUI and JSPUI of the 5.0, 4.2 and 3.3 releases.



Governance



Planning

- 1. 2013-2014 — DSpace “Vision” Discussions**
- 2. August to December 2014 — DCAT held a series of calls to develop use cases**
- 3. March to May 2015 — Consultant (James Evans, Open Repository) develops draft roadmap**
- 4. June 2015 — Draft roadmap presented to DSpace community at Open Repositories Conference**
- 5. Summer 2015 — Roadmap approved and work begins to implement it**



Issues

- 1. Software is somewhat dated and needs some additional features**
- 2. Two user interfaces — XMLUI or JSPUI**
- 3. Broad, diverse and international user, committer, service provider and membership base is difficult to coordinate**
- 4. Need to develop a roadmap and a strategy for focusing software development on the roadmap priorities**



Questions ??

