Update on DuraSpace and Fedora 4

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Projects accomplishments

- Released Fedora 4.0

- Released DSpace 5.0

- Increased membership dollars & participation

- Established steering and leadership groups

- Created strategic plan for VIVO and held inaugural conference

Services accomplishments

- Successful public launch of DSpaceDirect

- Successful launch of ArchivesDirect

- Continued growth and adoption of DuraCloud
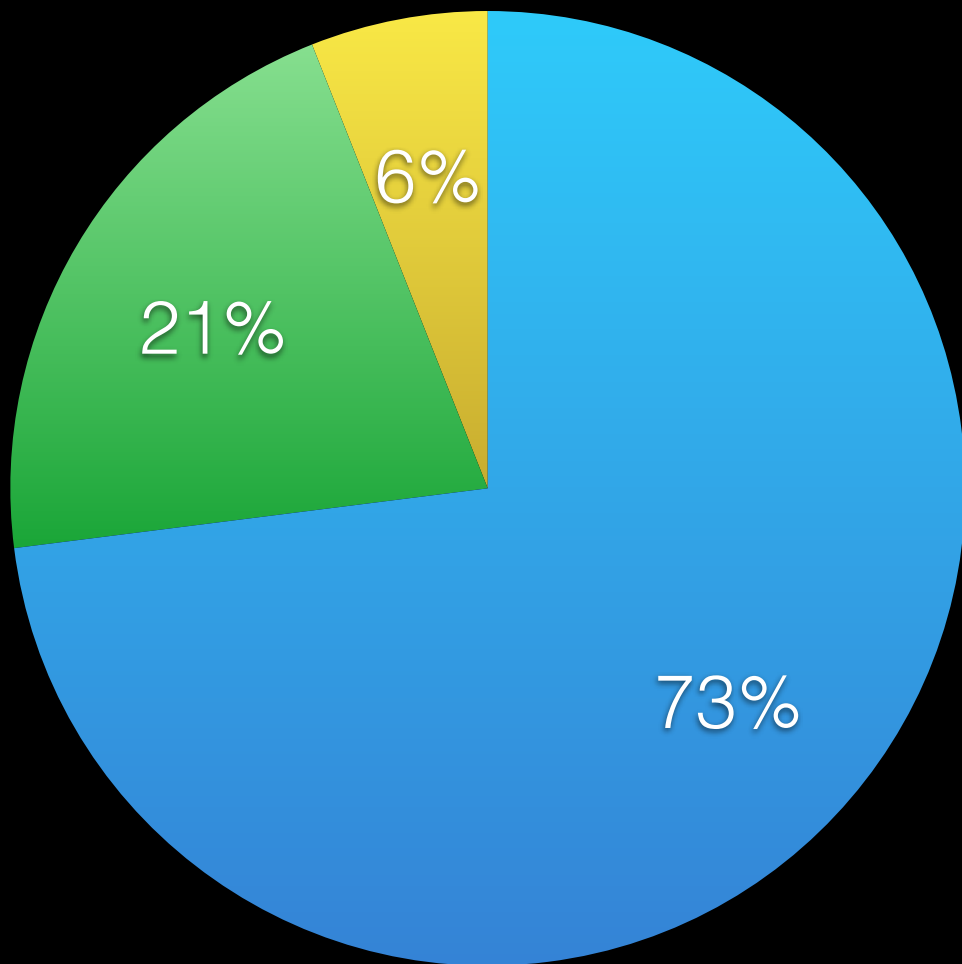
- Continued partnership with Chronopolis/DPN
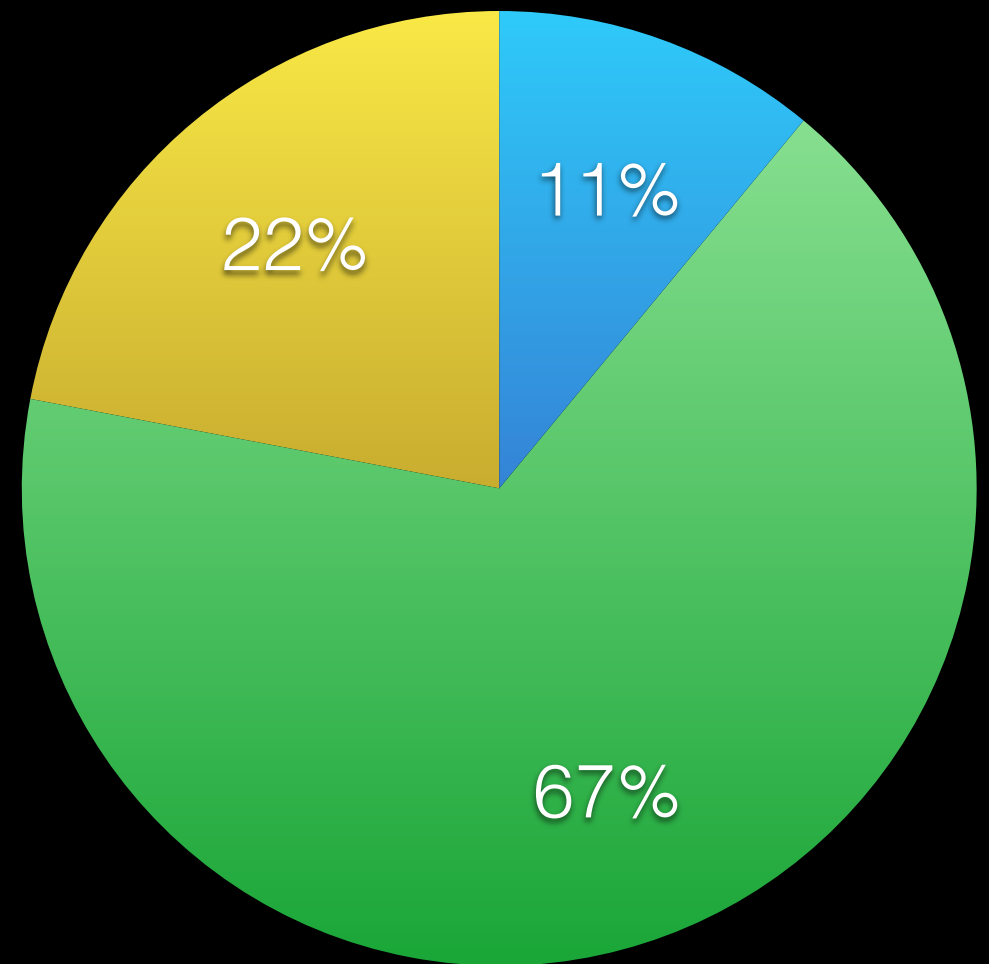
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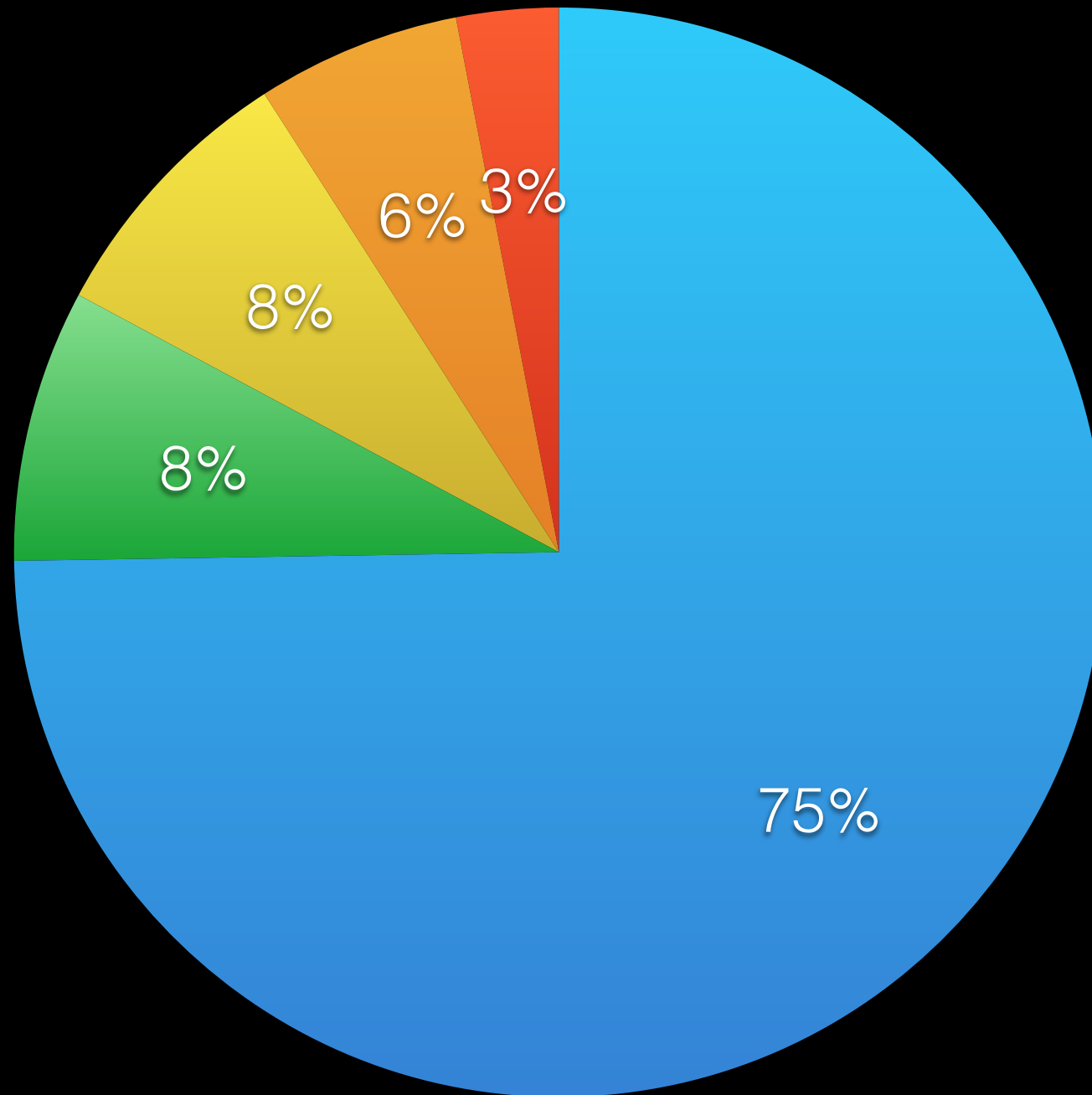**@rchivesDIRECT**

DURACLOUD™

Funding sources

2011

2014

6%

21%

73%

11%

22%

67%

● Grants   ● Community Fundraising   ● Services

DuraSpace and Fedora

- Leadership and planning
- Budgeting - planning, support, administration
- Staffing - hiring, oversight, coordination
- Outreach, marketing, advocacy

There are over 320 Fedora installations (that we know of!)

Stats for 2014:
- 63 Fedora members
- 22 active developers
- 28 leadership group members
- 8 steering group members

2014 Fedora Members (63)

Arizona State University Libraries

Brown University Library

Case Western Reserve University Libraries

Charles Darwin University

Colorado Alliance of Research Libraries (CARL)

Columbia University Library

Cornell University

Docuteam GmbH

Durham University

Emory University

FIZ Karlsruhe

George Washington University

Ghent University Library

Gothenburg University Library

Indiana University

ICPSR

Johns Hopkins University Libraries

La Trobe University

London School of Economics & Political Science

LYRASIS

Macquarie University

National Library of Medicine

National Library of Wales / Llyfrgell Genedlaethol Cymru

National Research Council of Canada

Northeastern University Libraries

Northwestern University Libraries

Ohio State

Oregon State

Pennsylvania State University

Princeton University

Rutgers University Libraries

Smithsonian Institution, Office of Research Infomation Services

Stanford University

State and University Library of Denmark

Technical University of Denmark

The Art Institute of Chicago

Tufts University

University of Alberta

University of California, Los Angeles

University of California, Santa Barbara

University of Cincinnati

University of Connecticut Libraries

University of Hull

University of Lausanne

University of Manitoba

University of Massachusetts Amherst Libraries

University of New South Wales

University of Notre Dame

University of North Carolina

University of Oklahoma

University of Pittsburgh

University of Oxford

University of Prince Edward Island

University of Rochester Libraries

University of Texas Libraries Austin

University of Toronto

University of Virginia

University of Western Sydney
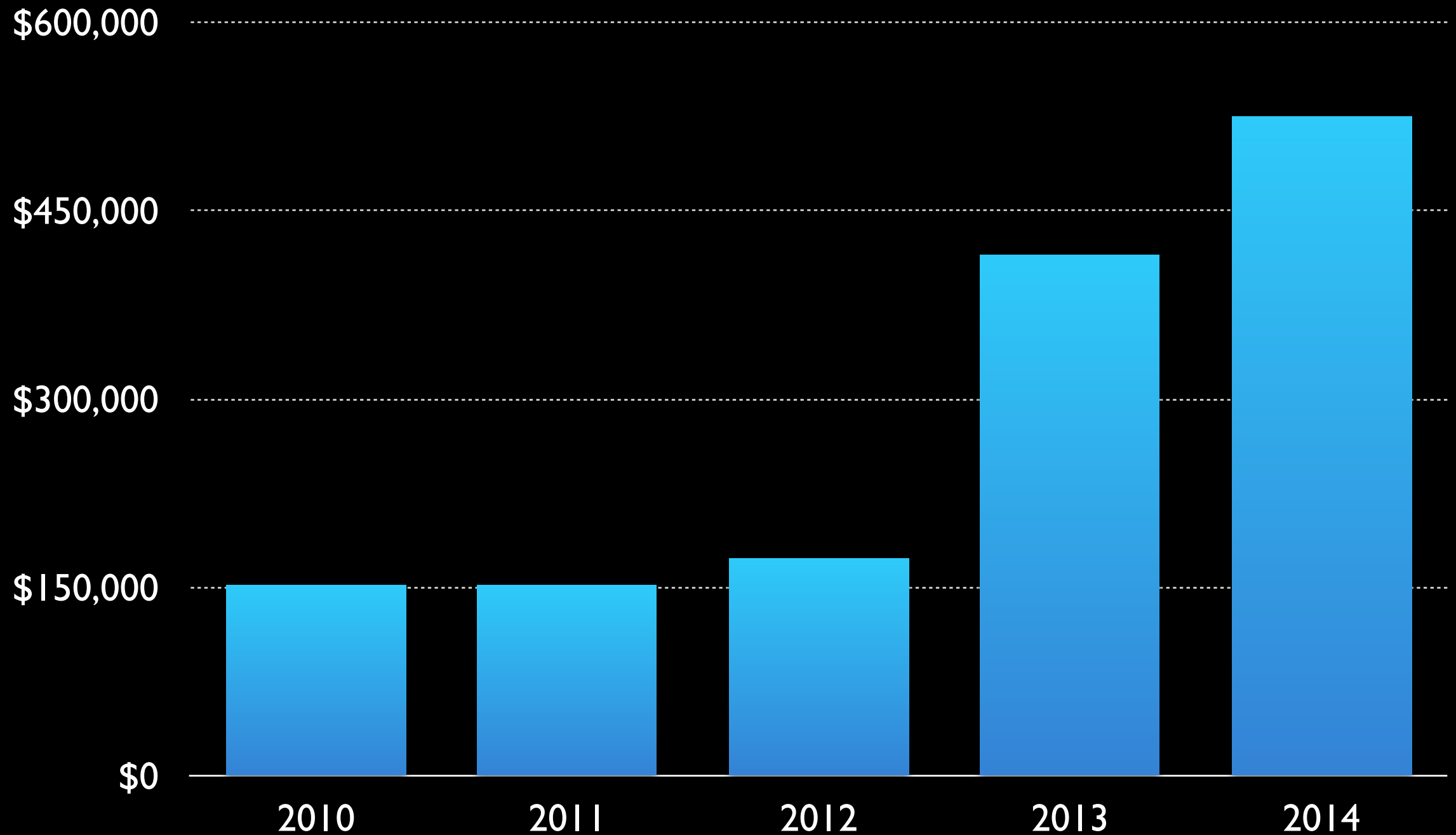
University of Wisconsin

University of York

Uppsala University

Yale University

York University
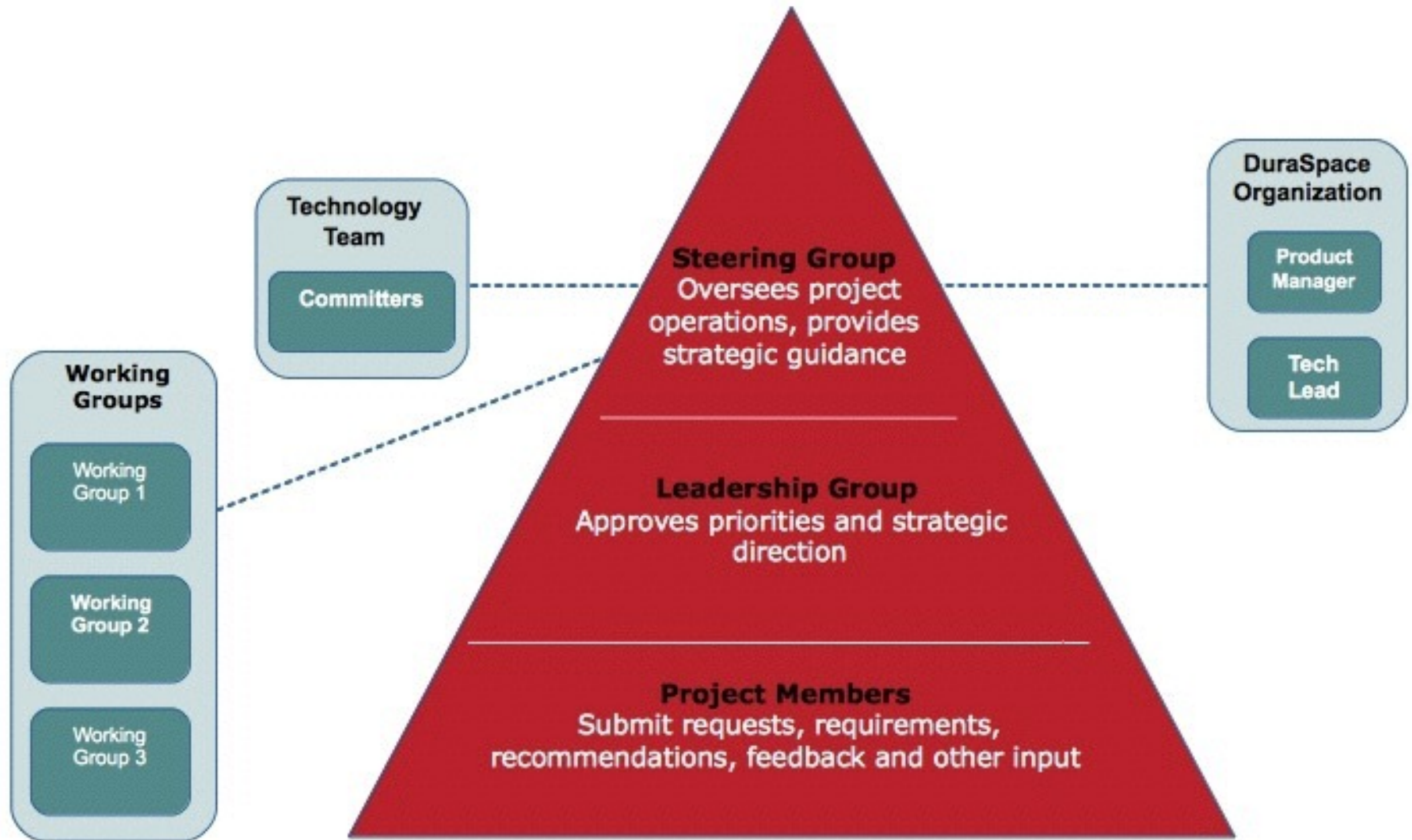
Sustainability

We're broadening the funding base

- More members at lower funding amounts
- Raising the overall level of funding

We've established a governance model

- Fedora is governed by a Leadership group and a Steering group

Fedora Governance Model

Technology Team

Committers

Working Groups

Working Group 1

Working Group 2

Working Group 3

Steering Group
Oversees project operations, provides strategic guidance

Leadership Group
Approves priorities and strategic direction

Project Members
Submit requests, requirements, recommendations, feedback and other input

DuraSpace Organization

Product Manager

Tech Lead

Governance benefits

Level of contribution	Benefit
$2,500	Contributors can nominate and elect one contributor at the $2,500 tier to join the Leadership Group
$5,000	Contributors can nominate and elect two contributors at the $5,000 tier to join the Leadership Group
$10,000	Contributors can nominate and elect four contributors at the $10,000 tier to join the Leadership Group
$20,000	Contributors guaranteed one seat on the Leadership Group
0.5 FTE Developer	Contributors guaranteed one seat on the Leadership Group

New Developments

Upgration pilots

Five pilot institutions

- Columbia University

- National Library of Wales

- Simon Fraser University

- University of New South Wales

- York University

Islandora, Hydra, and custom front-ends

Migration tools

Tools for migrating from Fedora 3 to 4
- migration-utils (generic + Islandora)
- fedora-migrate (Hydra)

We need community input, testing, and validation

Portland Common Data Model

Flexible, extensible data model
- Defines collections, objects, and files
- Encourages linked data best practices

Promotes interoperability
- Currently being adopted by Hydra and Islandora

Audit service

Maintains a history of events for each repository resource

- Uses existing event system and an external triplestore

Designed and implemented via community participation

Roadmap

Short term

1. Finalize first round of Upgration pilots by end of May

2. Release next 4.x by OR2015

Release focus:
- Support Fedora 3.x to 4.x migrations
- Polish Fedora 4 edges

Long term

1. Asynchronous storage
   1. Support for HSM, Glacier, etc.
2. Closer alignment with LDP
   1. Working with W3C LDP working group
3. Identifying and aligning with community standards
4. Shrinking the codebase

Training

One-day workshops

3 successful workshops in October 2014

More one-day workshops in 2015
- DC Fedora User Group
- Texas Conference on Digital Libraries
- Northeast Fedora User Group
- University of Tennessee, Knoxville

All workshop materials available online

Fedora camp

Three-day workshop planned for November

Curriculum development is underway
- All workshop materials available on the wiki

Focus on reusable materials and training new trainers

Community participation

Fedora 3 to 4 migrations

- Test migration utilities and report issues

Maintenance sprints

- Fix bugs and improve the codebase
- Need at least 2 developers per sprint

Useful links

- Fedora 4 wiki
  - https://wiki.duraspace.org/display/FF
- Fedora mailing lists
  - https://wiki.duraspace.org/display/FF/Mailing+Lists+etc
- Contact
  - dwilcox@duraspace.org
  - awoods@duraspace.org