

Fedora 4 Update

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Fedora 4 project goals

- Improved performance
- Flexible storage options
- Research data management
- Linked open data support
- Improved platform for developers

Fedora 4: a year in review

- Fedora 4 Alpha released at OR2013
- Defined governance model
- Distilled feature list for Fedora 4.0
- Fedora 4 Beta released at OR2014

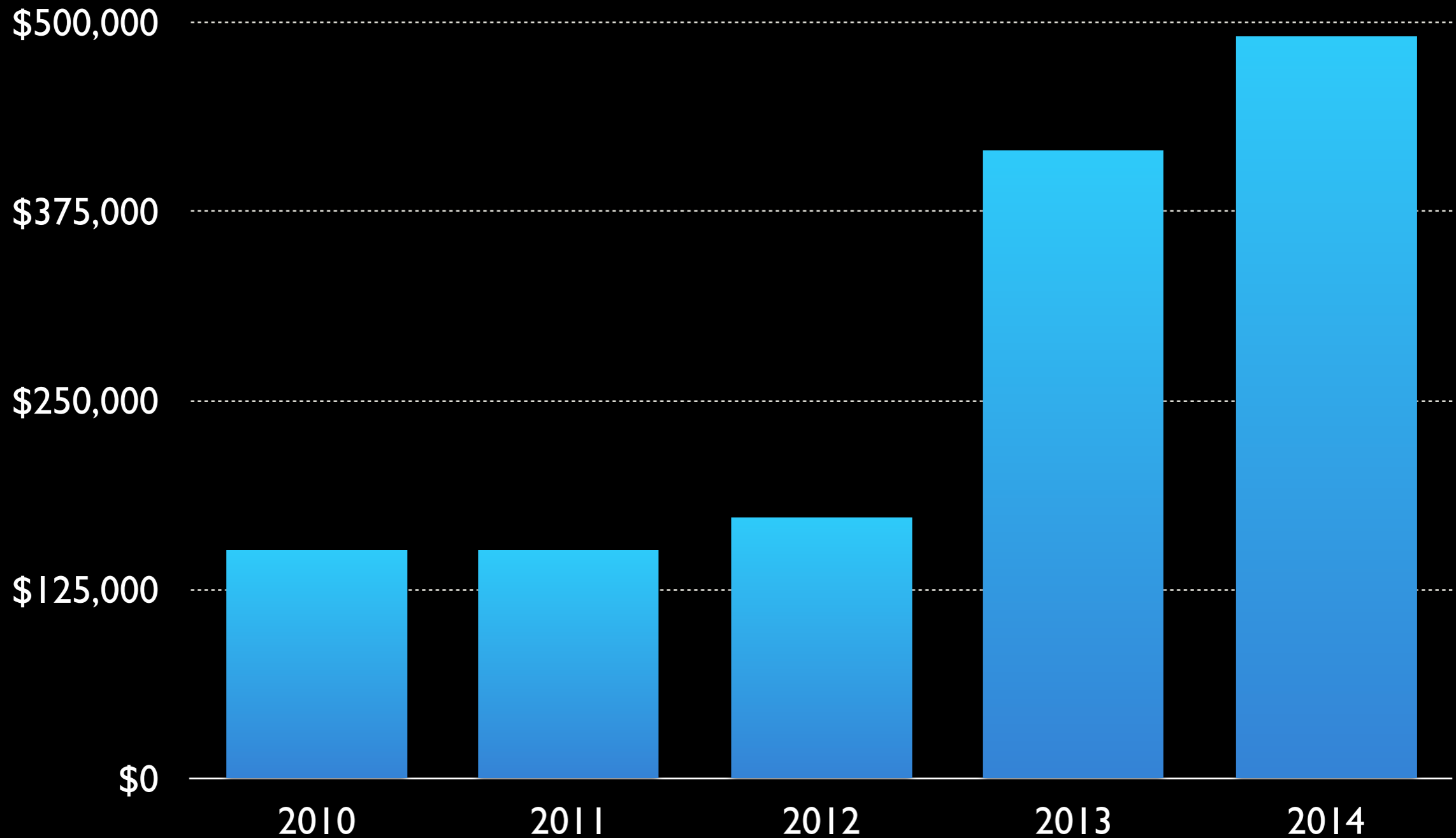
Community update

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

Stats for 2014:

- 52 Fedora members
- 17 active developers
- 18 leadership group members
- 10 steering group members

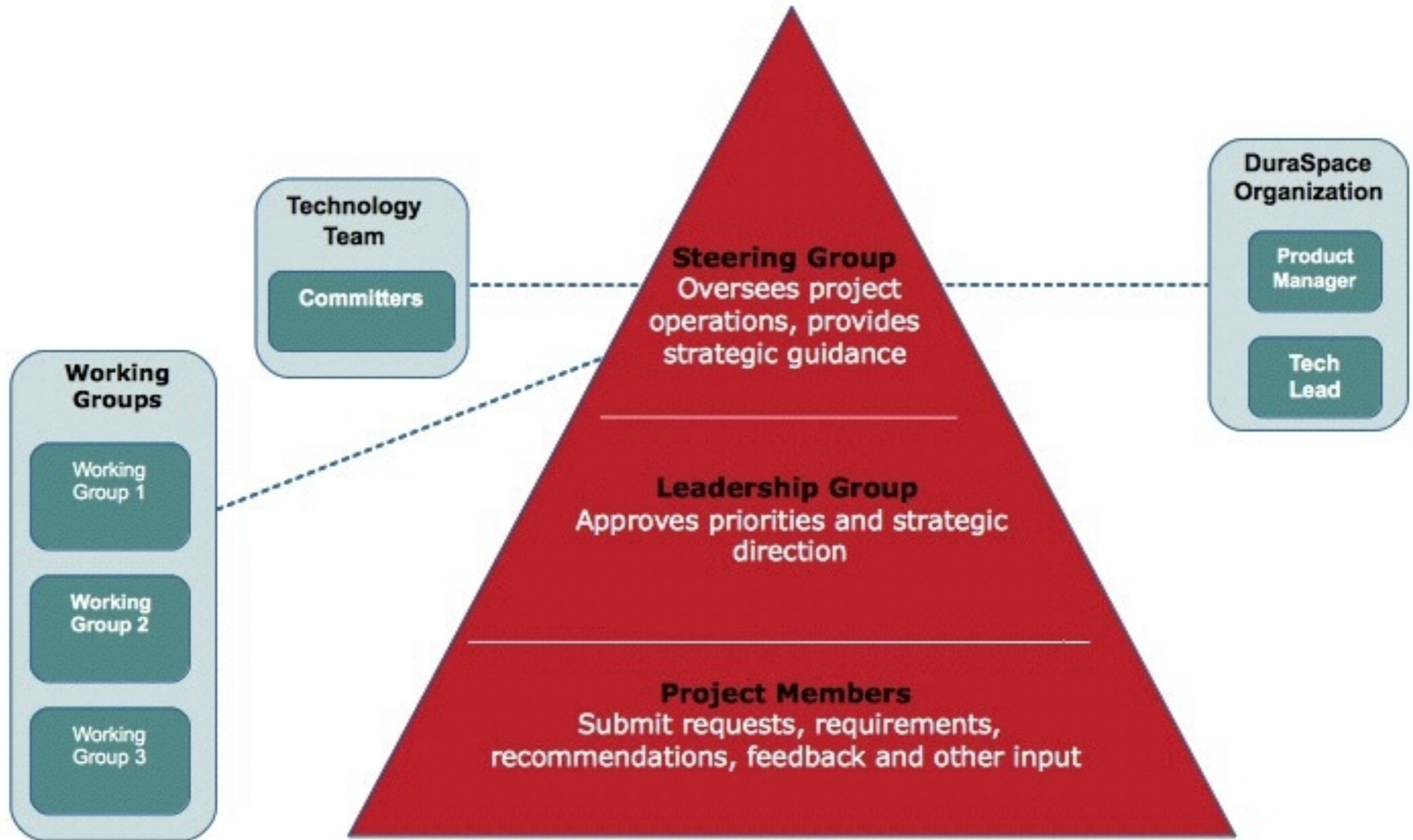
Membership is on the rise!



Building sustainability

- We're broadening the funding base
 - More members at lower funding amounts
 - Raising the overall level of funding
- We hired staff
 - David Wilcox is the Product Manager
 - Andrew Woods is the Tech Lead
- We've established a governance model
 - Fedora is governed by a Leadership group and a Steering group

Fedora Governance Model



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

2014 Fedora Members (52)

- 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
- Durham University
- FIZ Karlsruhe
- Ghent University Library
- Gothenburg University Library
- Indiana University
- ICPSR
- Johns Hopkins University Libraries
- La Trobe University
- London School of Economics & Political Science
- LYRISIS
- Macquarie University
- National Library of Medicine
- National Library of Wales / Llyfrgell Genedlaethol Cymru
- Northeastern University Libraries
- Northwestern University Libraries
- Ohio State
- Oregon State
- Pennsylvania State University
- Rutgers University Libraries
- Smithsonian Institution, Office of Research Information Services
- Stanford University
- State and University Library 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 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 Wisconsin
- Yale University

Fedora 4.0 Beta is out!

We just released the Fedora 4.0 Beta

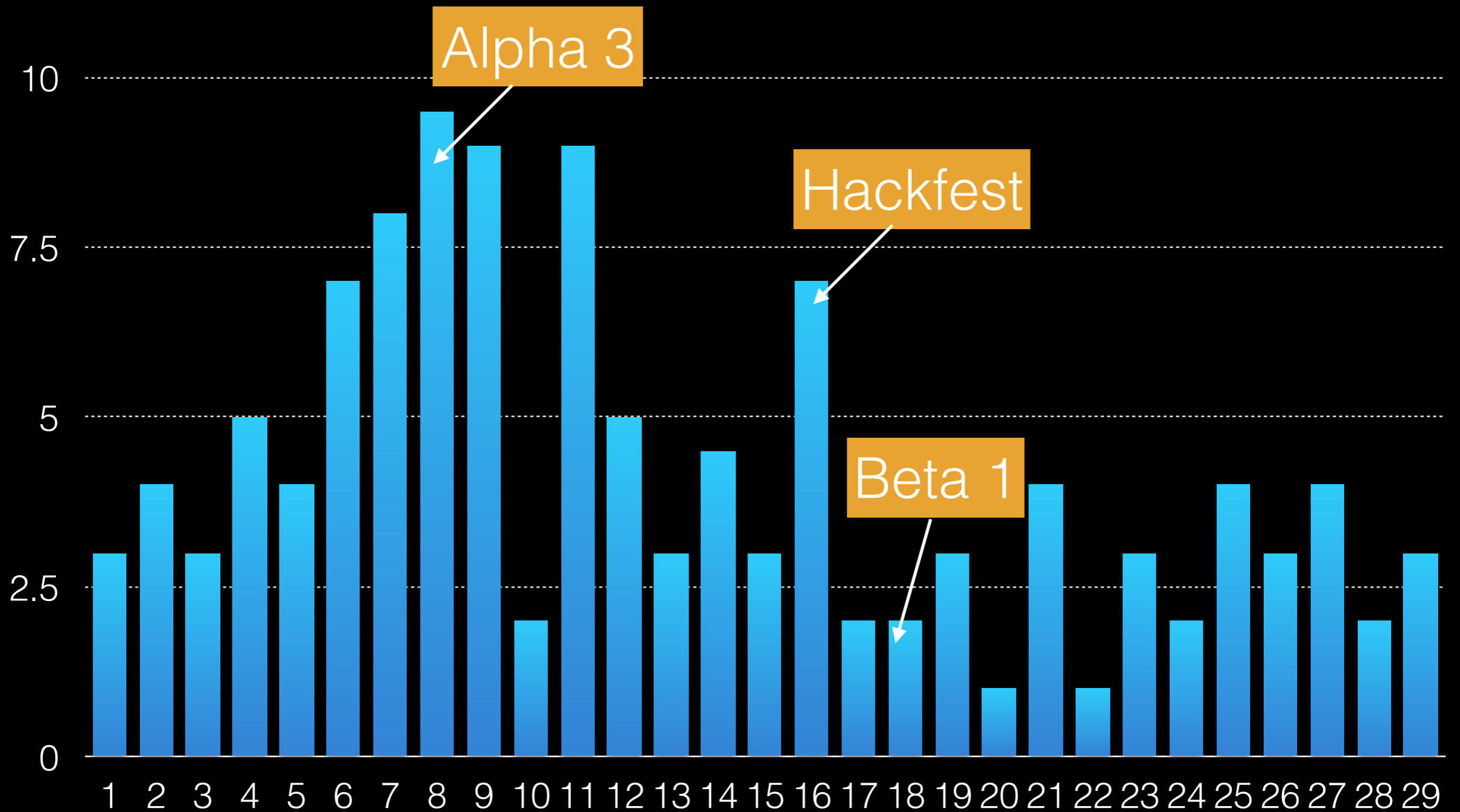
You can download it [here](#)!

The Beta 4.0 feature set is the same as the
Production 4.0 feature set.

The road to production

- Acceptance testing
- Beta pilots
- Community feedback
- Developer commitments

Developer Commitments



What's in the beta?

- Content modeling
- Authorization
- Durable Storage
- Versioning
- Scale (large files and many files)
- Linked data / RDF (and external triplestore)
- Internal & external search
- Transactions
- Locking
- Performance
- *Clustering*

Ease of installation

- Fedora 4 is simple to install
 - You can drop in the web application
- For testing, there is a one-click-run application
 - The only dependency is Java 7

Scale

- A number of scalability tests have been run:
 - We've pushed a 1 TB file via REST
 - 16 million objects via Projection
 - 5 million objects via REST
- Range requests are now supported

Fedora 4 roadmap

- Complete Beta pilots
- Release Fedora 4.0-Production
- Support Fedora 3.x to 4.x migrations
- Select key features for 4.1+

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